SISTEMA®

WATER PUMPS

GENERAL CATALOGUE

2025

www.sistema.it

SISTEMA®

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YDQ Series
PERIPHERAL PUMP

YDQ-60ST

YDQ-60B

OPERATING CONDITIONS
- Liquid temperature up to 60°C
- Ambient temperature up to 40°C
- Total suction lift up to 9m
- Continuous duty
- pH: 6.5 to 8.5

PUMP
- Pump Body: Cast Iron / Brass / Stainless Steel
- Impeller: Brass
- Mechanical Seal: Carbon / Ceramic / Stainless Steel
- Front Cover: Cast Iron with Brass or stainless steel Insert

MOTOR
- Single Phase: IE1,IE2/IE3
- Heavy Duty Continuous Work
- Motor Housing: Aluminum
- Shaft: AISI304/AISI420/AISI1045
- Insulation: Class B / Class F
- Protection: IPX4
- Cooling: External Ventilation

ADVANTAGES & FEATURES
- Small size,high pressure
- Easy installation & maintenance

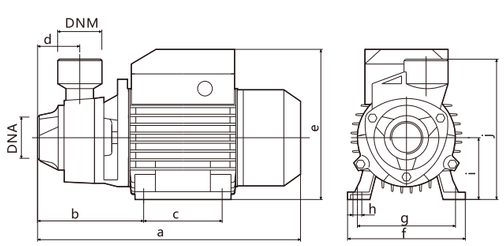
IDENTIFICATION CODES

YDQ T 60
- 60 — Power(÷100HP)
- T — Three Phase Motor (Omitted for single-phase motor)
- YDQ — Product Style

TECHNICAL DATA (220~240V/50Hz)

Model	Single-phase Motor				n=2850r/min			Dimensions (mm)			
	Input max	Output Power		Current	Q.max	H.max	Suct.max	DNA		DNM	
	kW	kW	HP	A	L/min	m	m	Inch	mm	Inch	mm
YDQ-60/ST/B	0.55	0.37	0.50	2.5	40	40	9	1"	25	1"	25
YDQ-70/ST/B	0.80	0.55	0.75	3.8	45	55		1"	25	1"	25
YDQ-80/ST/B	1.10	0.75	1.00	5.2	50	60		1"/1.5"	25/40	1"/1.5"	25/40
YDQ-90(1")	1.50	1.10	1.50	7.0	60	70		1"	25	1"	25
YDQ-100(1")	2.00	1.50	2.00	9.6	60	90		1"	25	1"	25
YDQ-90(1.5")	1.50	1.10	1.50	7.0	80	70		1.5"	40	1.5"	40

Other voltages and frequencies available on request.



OVERALL & INSTALLATION DIMENSIONS

Model	Dimensions (mm)									
	a	b	c	d	e	f	g	h	i	j
YDQ-60	265	110	80	45	151	118	100	10	63	138
YDQ-70	305	122	90	50	181	136	112	10	71	150
YDQ-80	305	122	90	50	181	136	112	10	71	150
YDQ-90 / YDQ-100	380	138	100	68	182	180	162	10	80	156

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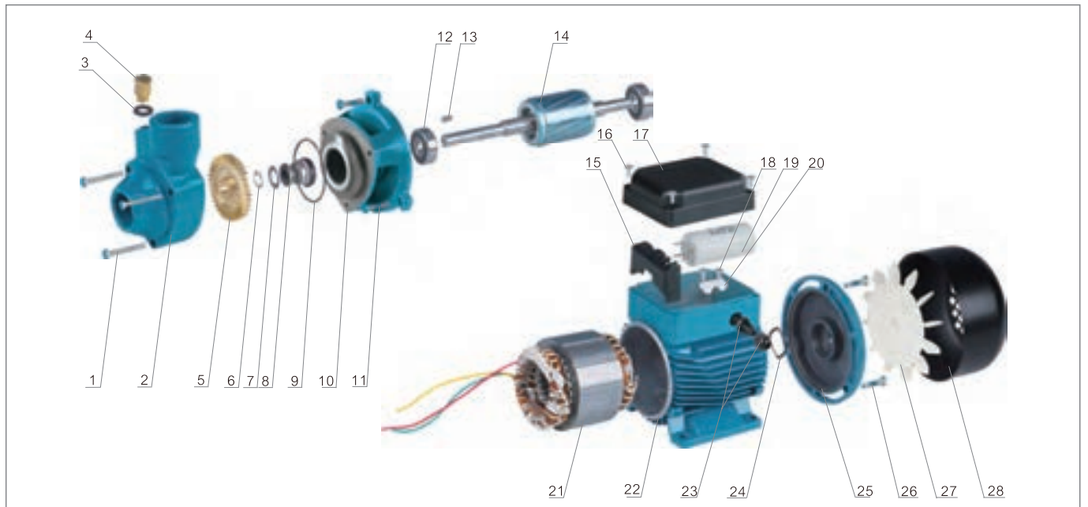
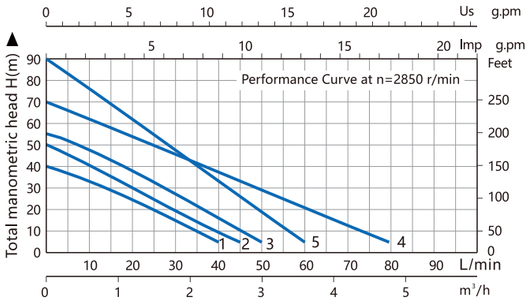
MATERIALS TABLE



HYDRAULIC PERFORMANCE CURVES



1. YDQ-60/B/ST 2. YDQ-70/B/ST 3. YDQ-80/B/ST 4. YDQ-90 5. YDQ-100

NO.	DESCRIPTION	NO.	DESCRIPTION
1	Pump Body Screw	16	Screw For Terminal Box
2	Pump Body	17	Terminal Box
3	"O" Ring For Filling Plug	18	Screw For Cable Presser
4	Filling Plug	19	Capacitor
5	Impeller	20	Cable Presser
6	Circlip	21	Stator With Winding
7	Plain Washer	22	Motor Housing
8	Mechanical Seal	23	Cable Gland
9	"O" Ring For Pump Body	24	Adjusting Ring
10	Motor Front Bracket	25	Rear Cover
11	Screw For Motor Bracket	26	Rear Cover Screw
12	Bearing	27	Fan
13	Key	28	Fan Cover
14	Shaft And Rotor		
15	Terminal Board		

PACKAGE INFORMATION

Model	Package dimensions & G.W. (mm)				MOQ Kraft carton
	L	W	H	kg	pcs
YDQ-60/ST/B	285	150	180	5.3	300
YDQ-70/ST/B	320	180	200	9.5	200
YDQ-80/ST/B	320	180	200	10.0	200
YDQ-90 / YDQ-100	415	190	230	22.0	100

YDLQ Series
PERIPHERAL PUMP

YDLQ-370,550,750

YDLQ-2200

OPERATING CONDITIONS

- Liquid temperature up to 60°C
- Ambient temperature up to 40°C
- Total suction lift up to 9m
- Continuous duty
- pH: 6.5 to 8.5

PUMP

- Pump Body: Cast Iron
- Impeller: Brass
- Mechanical Seal: Carbon / Ceramic / Stainless Steel

MOTOR

- Single Phase: IE1,IE2/IE3
- Heavy Duty Continuous Work
- Motor Housing: Aluminum
- Shaft: AISI304/AISI420/AISI1045
- Insulation: Class B / Class F
- Protection: IPX4
- Cooling: External Ventilation

ADVANTAGES & FEATURES

- Small size,high pressure
- Easy installation & maintenance

IDENTIFICATION CODES

YDLQ T 370

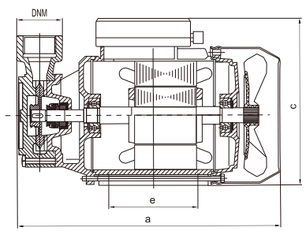
- 370 — Power(W)
- T — Three Phase Motor (Omitted for single-phase motor)
- YDLQ — Product Style

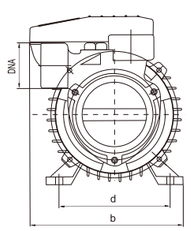
TECHNICAL DATA (220~240V/50Hz)

Model	Single-phase Motor				n=2850r/min			Dimensions (mm)			
	Input max	Output Power		Current	Q.max	H.max	Suct.max	DNA		DNM	
	kW	kW	HP	A	L/min	m	m	Inch	mm	Inch	mm
YDLQ-370	0.55	0.37	0.5	2.5	40	40	9	1"	25	1"	25
YDLQ-550	0.80	0.55	0.75	3.8	45	55		1"	25	1"	25
YDLQ-750	1.10	0.75	1	5.2	50	60		1"	25	1"	25
YDLQ-2200	2.85	2.2	3	13.6	50	150		1"	25	1"	25

Other voltages and frequencies available on request.

OVERALL & INSTALLATION DIMENSIONS





Model	Dimensions (mm)				
	a	b	c	d	e
YDLQ-370	240	118	152	100	80
YDLQ-550	280	157	175	112	90
YDLQ-750	280	157	175	112	90
YDLQ-2200	320	157	217	124	100

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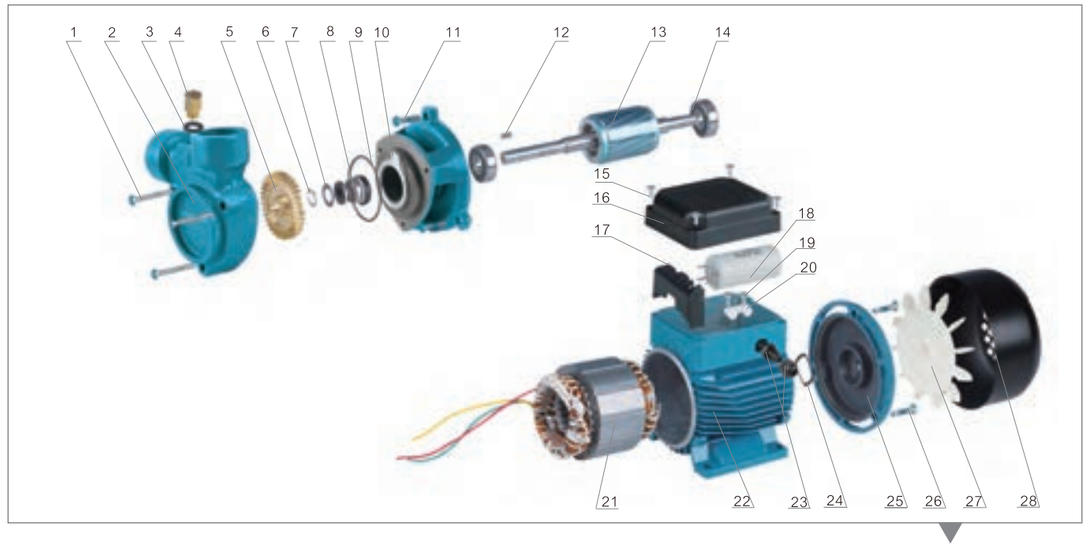
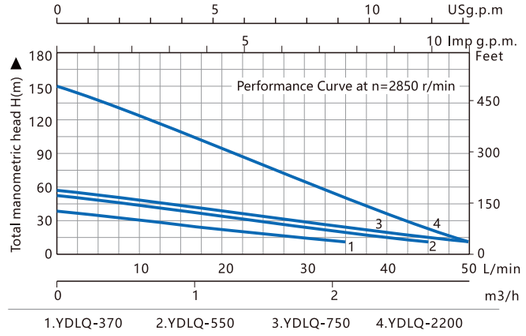
MATERIALS TABLE



HYDRAULIC PERFORMANCE CURVES



1.YDLQ-370 2.YDLQ-550 3.YDLQ-750 4.YDLQ-2200

NO.	DESCRIPTION	NO.	DESCRIPTION
1	Pump Body Screw	16	Terminal Box
2	Pump Body	17	Terminal Board
3	"O" Ring For Filling Plug	18	Capacitor
4	Filling Plug	19	Screw For Cable Presser
5	Impeller	20	Cable Presser
6	Circlip	21	Stator With Winding
7	Plain Washer	22	Motor Housing
8	Mechanical Seal	23	Cable Gland
9	"O" Ring For Pump Body	24	Adjusting Ring
10	Motor Front Bracket	25	Rear Cover
11	Screw For Motor Bracket	26	Rear Cover Screw
12	Key	27	Fan
13	Shaft And Rotor	28	Fan Cover
14	Bearing		
15	Screw For Terminal Box		

PACKAGE INFORMATION

Model	Package dimensions & G.W. (mm)				MOQ Kraft carton
	L	W	H	kg	pcs
YDLQ-370	280	165	180	5.2	300
YDLQ-550	310	185	215	9.0	200
YDLQ-750	310	185	215	10.0	200
YDLQ-2200	310	185	215	16.0	100

IP Series
SELF-PRIMING PERIPHERAL PUMP

OPERATING CONDITIONS
- Liquid temperature up to 60°C
- Ambient temperature up to 40°C
- Total suction lift up to 9m
- Continuous duty
- pH: 6.5 to 8.5

PUMP
- Pump Body: Cast Iron
- Impeller: Brass
- Mechanical Seal: Carbon / Ceramic / Stainless Steel

MOTOR
- Single Phase: IE1,IE2/IE3
- Heavy Duty Continuous Work
- Motor Housing: Aluminum
- Shaft: AISI304/AISI420/AISI1045
- Insulation: Class B / Class F
- Protection: IPX4
- Cooling: External Ventilation

ADVANTAGES & FEATURES
- Self-priming pump
- Bulid-in one-way valve
- Built-in impeller anti-block S.S inserts

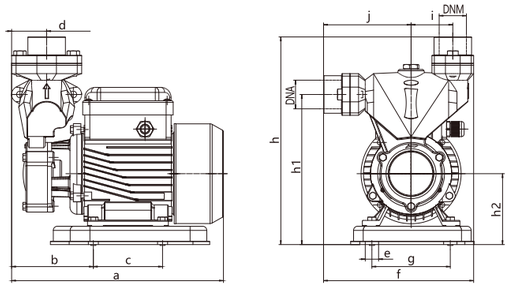
IDENTIFICATION CODES

IP T 37
- Power(X10W)
- Three Phase Motor
- (Omitted for single-phase motor)
- Product Style

TECHNICAL DATA (220~240V/50Hz)

Model	Single-phase Motor															Dimensions (mm)			
	Output Power		Q(m³/h)	0	0.3	0.6	0.9	1.2	1.5	1.8	2.1	2.4	3.0	3.3	3.6	4.2	DNA		DNM	
	kW	HP	Q(l/min)	0	5	10	15	20	25	30	35	40	50	55	60	70	Inch	mm	Inch	mm
IP25	0.25	0.3	H (m)	30	25	20.5	16	12	8	4	-	-	-	-	-	-	1"	25	1"	25
IP37	0.37	0.5		35	25	20.5	16	12	8	4	-	-	-	-	-	-	1"	25	1"	25
IP60	0.6	0.8		45	40	32	28	22	18	12	8	5	-	-	-	-	1"	25	1"	25
IP75	0.75	1.0		55	50	42	38	32	28	22	18	12	5	-	-	-	1"	25	1"	25
IP110	1.10	1.5		60	60	55	50	45	40	35	30	25	20	15	10	5	1.25"	32	1"	25

Other voltages and frequencies available on request.



OVERALL & INSTALLATION DIMENSIONS

Model	Dimensions (mm)							
	a	b	c	d	e	f	g	h
IP25 IP37	257	75	130	42	10	183	100	247
IP60	275	85	155	42	10	183	100	271
IP75	275	85	155	42	10	183	100	271
IP110	336	95	175	42	10	183	100	296

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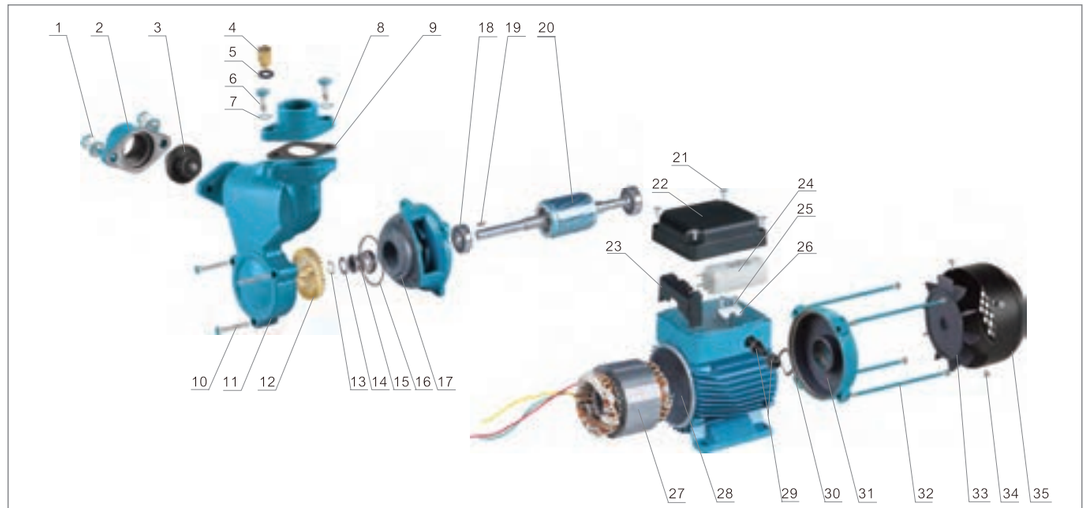
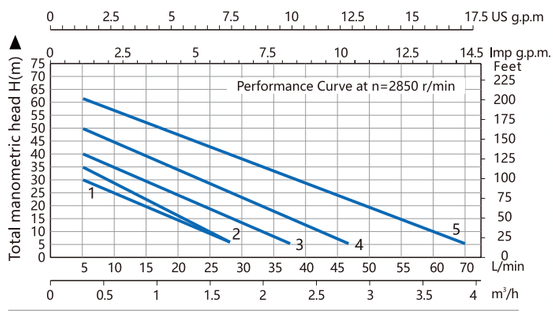
MATERIALS TABLE



HYDRAULIC PERFORMANCE CURVES



1. IP25 2. IP37 3. IP60 4. IP75 5. IP110

NO.	DESCRIPTION	NO.	DESCRIPTION	NO.	DESCRIPTION
1	Hex Bolt	16	O Ring For Pump Body	31	Rear Cover
2	Flange Connector	17	Front Cover	32	Motor Tie-Rod
3	Check Valve	18	Bearing	33	Fan
4	Filling Plug	19	Key	34	Fan Cover Screw
5	"O" Ring For Filling Plug	20	Shaft And Rotor	35	Fan Cover
6	Hex Bolt	21	Screw For Terminal Box		
7	Plain Washer	22	Terminal Box		
8	Flange Connector	23	Terminal Board		
9	Flange Gasket	24	Capacitor		
10	Pump Body Screw	25	Screw For Cable Presser		
11	Pump Body	26	Cable Presser		
12	Impeller	27	Stator With Winding		
13	Circlip	28	Motor Housing		
14	Plain Washer	29	Cable Gland		
15	Mechanical Seal	30	Adjusting Ring		

PACKAGE INFORMATION

Model	Package dimensions & G.W. (mm)				MOQ Kraft carton
	L	W	H	kg	pcs
IP25	275	200	265	6	300
IP37	275	200	265	7.2	300
IP60	305	214	290	10.8	200
IP75	305	214	290	12.3	200
IP110	345	232	320	17.5	200

IPA Series

SELF-PRIMING PERIPHERAL PUMP (AUTOMATIC CONTROL)

OPERATING CONDITIONS

- Liquid temperature up to 60°C
- Ambient temperature up to 40°C
- Total suction lift up to 9m
- Continuous duty
- PH: 6.5 to 8.5

PUMP

- Pump Body: Cast Iron
- Impeller: Brass
- Mechanical Seal: Carbon / Ceramic / Stainless Steel

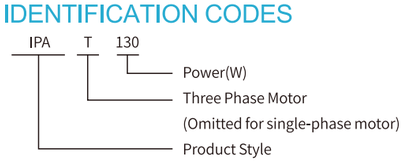
MOTOR

- Single Phase: IE1,IE2/IE3
- Heavy Duty Continuous Work
- Motor Housing: Aluminum
- Shaft: AISI304/AISI420/AISI1045
- Insulation: Class B / Class F
- Protection: IPX4
- Cooling: External Ventilation

ADVANTAGES & FEATURES

- Compact design, easy installation
- A simple Pressure switch control automatically
- Anti-block S.S insert on the pump body
- The impeller of copper alloy
- High quality mechanical seal
- Low noise
- Self-priming function built in check valve.

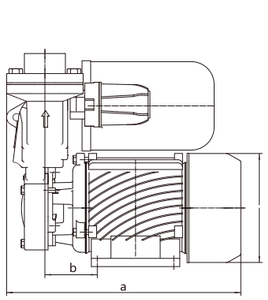
IDENTIFICATION CODES

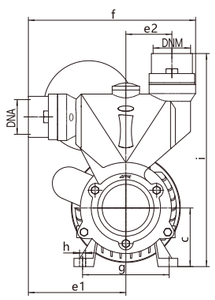


TECHNICAL DATA (220~240V/50Hz)

Model	Single-phase Motor														Dimensions (mm)			
	Output Power		Q(m³/h)	0	0.3	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.7	3.0	Start-stop Pressure	DNA		DNM	
	kW	HP	Q(l/min)	0	5	10	15	20	25	30	35	40	45	50		Inch	mm	Inch	mm
IPA250	0.25	0.3	H (m)	30	25	20.5	16	12	8	4	-	-	-	-	1.1~1.8	1"	25	1"	25
IPA350	0.35	0.47		35	32	28	24	20	16	12	8	4	-	-	1.1~1.8	1"	25	1"	25
IPA550	0.55	0.75		45	40	35	30	25	20.5	16	12	8	4	-	1.5~2.3	1"	25	1"	25
IPA750	0.75	1		55	50	45	40	35	30	25	20	15	10	5	1.5~2.3	1"	25	1"	25

Other voltages and frequencies available on request.

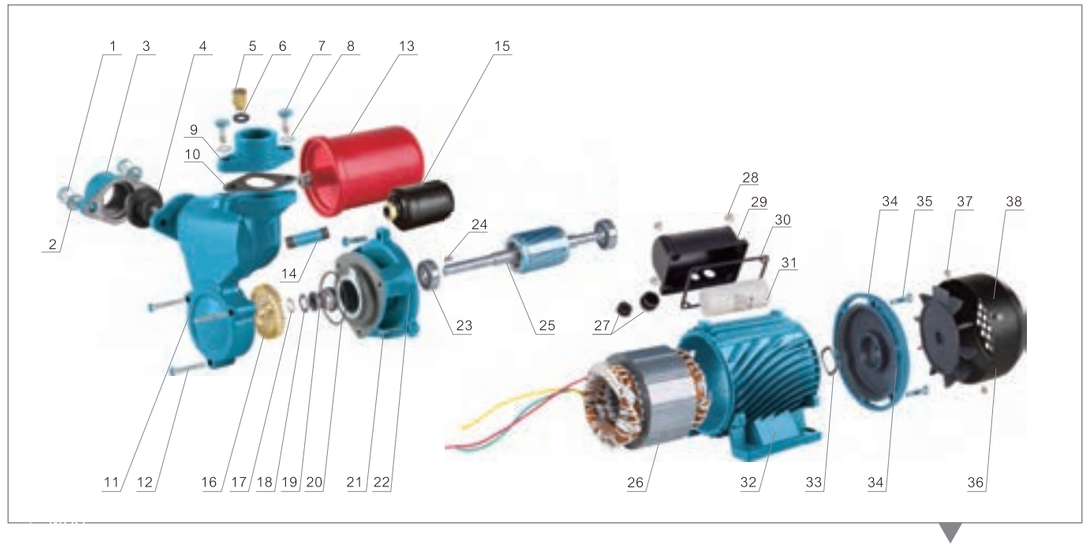




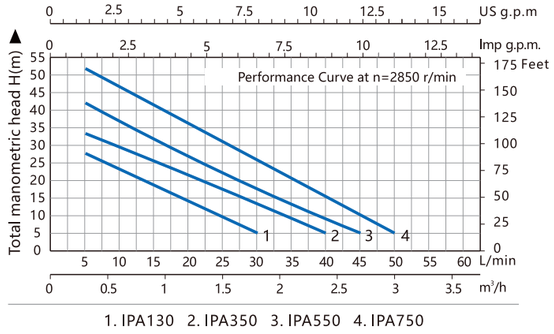
OVERALL & INSTALLATION DIMENSIONS

Model	Dimensions (mm)							
	a	b	c	d	e1	f	g	i
IPA250	257	60	63	120	107	183	95	225
IPA350	257	60	63	120	107	183	95	225
IPA550	275	70	71	140	107	183	112	245
IPA750	275	70	71	140	107	183	112	245

MATERIALS TABLE



HYDRAULIC PERFORMANCE CURVES



1. IPA130 2. IPA350 3. IPA550 4. IPA750

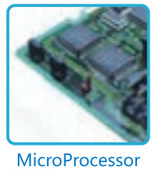
NO.	DESCRIPTION	NO.	DESCRIPTION	NO.	DESCRIPTION
1	Screw	16	Impeller	31	Capacitor
2	Plain washer	17	Circlip	32	Motor housing
3	Flange	18	Plain washer	33	Adjusting ring
4	Check valve	19	M-seal	34	Rear cover
5	Filling plug	20	O-ring for pump body	35	Screw for rear cover
6	O-ring for filling plug	21	Motor bracket screw	36	Fan
7	Screw	22	Motor bracket	37	Screw for fan cover
8	Plain washer	23	Bearing	38	Fan cover
9	Flange	24	Key		
10	Gasket for flange	25	Shaft and rotor		
11	Pump body	26	Stator with winding.		
12	Hex bolt for pump body	27	Cable gland		
13	Pressure tank	28	Screw for t-box		
14	Pressure switch connector	29	Terminal box		
15	Pressure switch	30	Gasket		

PACKAGE INFORMATION

Model	Package dimensions & G.W. (mm)				MOQ Kraft carton
	L	W	H	kg	pcs
IPA250	285	195	290	7.8	300
IPA350	290	215	305	8.6	300
IPA550	290	215	305	11.6	200
IPA750	290	215	310	13.5	200

YDTP Series

SELF-PRIMING PERIPHERAL PUMP (AUTOMATIC CONTANT PRESSURE)



MicroProcessor

OPERATING CONDITIONS

- Liquid temperature up to 60°C
- Hot water type up to 100°C
- Ambient temperature up to 40°C
- Total suction lift up to 9m
- Continuous duty
  pH: 6.5 to 8.5

PUMP

- Pump Body: Cast Iron
- Impeller: Brass
- Mechanical Seal: Carbon / Ceramic / Stainless Steel

MOTOR

- Single Phase: IE1,IE2/IE3
- Heavy Duty Continuous Work
- Motor Housing: Aluminum
- Shaft: AISI304/AISI420/AISI1045
- Insulation: Class B / Class F
- Protection: IPX4
- Cooling: External Ventilation

IDENTIFICATION CODES

YDTP T 60A

- 60A — Power Code
- T — Three Phase Motor (Omitted for single-phase motor)
- YDTP — Product Style

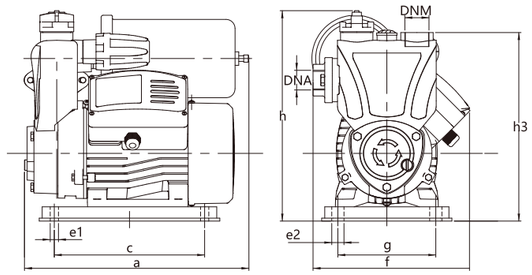
ADVANTAGES & FEATURES

- Pressure and flow switch control automatically
- Pump body insert of stainless sheet 304
- Intelligent control：Pump can supply stabilized water flow by automatically running. Through the water flow and water pressure data collected by flow switch and pressure switch, electronic unit control the pump running/stop, solve the frequently starting problems under low water flow, and completely inhibit frequently starting if water flows lower than 0.3m3/h.
- Time delay start: 3-seconds delay on startup to prevent electric transient surge
- Dry-Run protection: Pump shut down if no water flows past pump inlet after running 6 minutes, when there is water flow past pump inlet, pump restart.
- Scale prevention: Pump will automatically run 10 seconds for scale prevention once per 3 days among outage period.
- Electronic switch: Long service life, and eliminate the "da da" noise caused by mechanical pressure switch
- Double check valve,make reliable life time.

TECHNICAL DATA (220~240V/50Hz)

Model	Single-phase Motor																Dimensions (mm)			
	Output Power		Q(m³/h)	0	0.3	0.6	0.9	1.2	1.5	1.8	2.1	2.4	3.0	3.6	Switch set Pressure	Tank Precharge Pressure	DNA		DNM	
	kW	HP	Q(l/min)	0	5	10	15	20	25	30	35	40	50	60	kgt/cm²	kgt/cm²	Inch	mm	Inch	mm
YDTP-60A	0.25	0.3	H (m)	25	23	21	18	15	12	8	5	-	-	-	1.6	1.2	1"	25	1"	25
YDTP-65A	0.4	0.5		35	33	30	25	20	15	10	5	-	-	-	1.9	1.5	1"	25	1"	25
YDTP-70A	0.6	0.8		40	38	35	30	25	20	15	11	11	5	-	2.2	1.8	1"	25	1"	25
YDTP-80A	0.8	1.1		45	43	40	35	30	25	20	16	16	10	6	2.5	2.1	1"	25	1"	25

Other voltages and frequencies available on request.

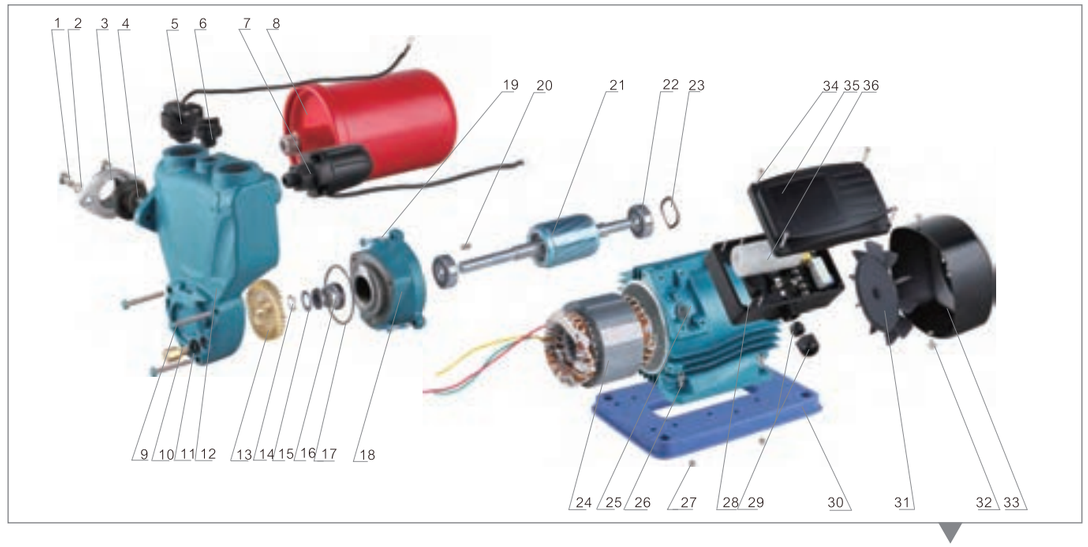


OVERALL & INSTALLATION DIMENSIONS

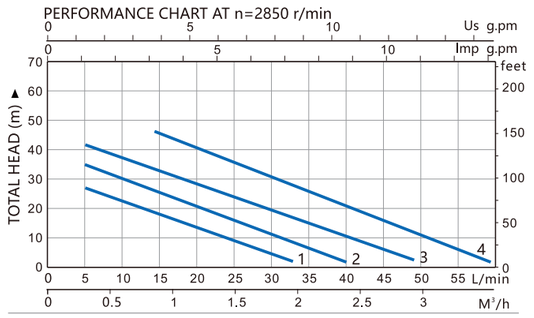
Model	Dimensions (mm)							
	a	c	e1	e2	f	g	h	h3
YDTP-60A	283	200	11	16	200	130	262	235
YDTP-65A	283	200	11	16	200	130	262	235
YDTP-70A	295	150	9.5	18	200	140	282	260
YDTP-80A	295	150	9.5	18	200	140	282	260

SISTEMA

MATERIALS TABLE



HYDRAULIC PERFORMANCE CURVES



1. YDTP-60A 2. YDTP-65A 3. YDTP-70A 4.YDTP-80A

NO.	DESCRIPTION	NO.	DESCRIPTION
1	Hex Bolt	19	Screw For Front Cover
2	Plain Washer	20	Key
3	Flange Connector	21	Shaft And Rotor
4	Check Valve	22	Bearing
5	Flow Sensor	23	Adjusting Ring
6	Filling Plug	24	Stator With Winding
7	Pressure Switch	25	Motor Housing
8	Pressure Tank	26	Screw For Base
9	Pump Body Screw	27	Nut For Base
10	Drain Plug	28	T-box Base With Pcb Board
11	O-ring For Drain Plug	29	Cable Gland
12	Pump Body	30	Base
13	Impeller	31	Fan
14	Circlip	32	Fan Cover Screw
15	Plain Washer	33	Fan Cover
16	Mechanical Seal	34	Screw For T-box
17	O-ring For Pump Body	35	Terminal Box
18	Front Cover	36	Capacitor

PACKAGE INFORMATION

Model	Package dimensions & G.W. (mm)				MOQ Kraft carton
	L	W	H	kg	pcs
YDTP-60A	285	220	270	9	300
YDTP-65A	285	220	270	9.3	300
YDTP-70A	310	240	290	12.6	200
YDTP-80A	310	240	290	13.3	200

EQ Series

CONSTANT PRESSURE AUTO-SPEED CONTROL WATER SUPPLY SYSTEM

GENERAL DESCRIPTION

EQ is afully integrated, compact all-in-one multistage water pump for pressure boosting in domestic applications.

EQ incorporates integrated speed control enabling perfect water pressure at the taps, meaning that the pump performance will increase with increasing demand.

EQ can be installed in three easy steps:

- Connect the pipes.
- Prime the pump.
- Plug the pump into the power outlet and the pump will start.

EQ has all the components necessary to ensure a comfortable pressure:

- Intelligent controller.
- Integrated speed-controlled drive.
- Integrated tank.

IDENTIFICATION CODES

EQ T 200

- 200 — Power(W)
- T — Three Phase Motor (Omitted for single-phase motor)
- EQ — Product Style

FEATURES

- Adjustable constant pressure
- Low noise,<47dB(A) (in typical use)
- Compact
- Low pressure protection
- Overload protection
- Jam protection
- Dry-runing protection
- Leakage waring protection
- Delay protection
- 3 Modes: Timing booster/ boster-down/boster-up
- Robust and reliable
- Easy installation

APPLICATION

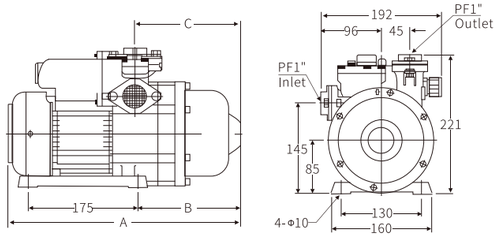
EQ is designed for pressure boosting in one-family houses and apartments. We recommend EQ for the following pressure boosting applications:

- City mains water.
- Water from roof tank.
- Water from break tank.
- Water from ground tank.
- Solar system.
- Water heater.
- Shower SPA.
- School cafeteria.

TECHNICAL DATA

Model	Power P1	Volt	Max.Head	Suction	Max.Capacity	Pipe Diameter
	w	v	m	m	L/min	mm
EQ-200	200	220/50/60	25	4	50	25
EQ-400	400	220/50/60	30	4	60	25
EQ-800	800	220/50/60	40	4	68	25

Other voltages and frequencies available on request.

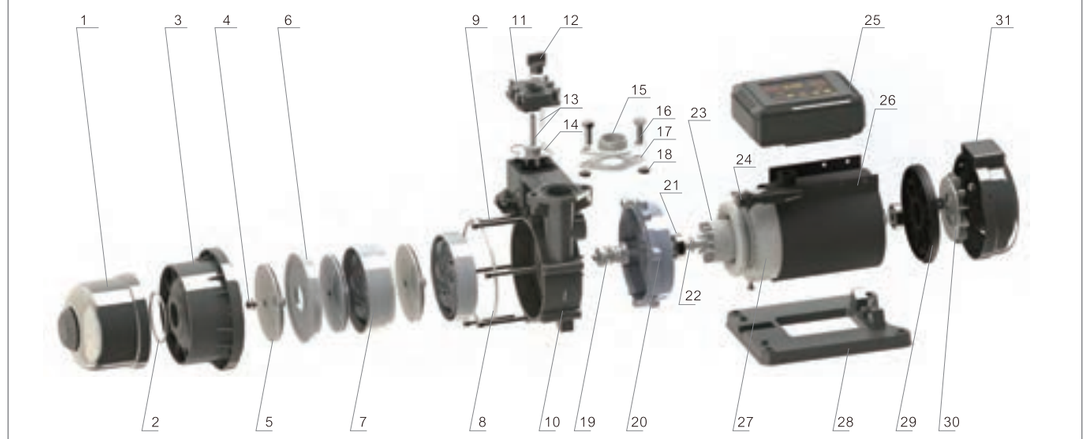


OVERALL & INSTALLATION DIMENSIONS

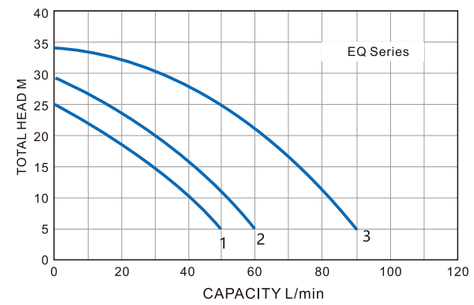
Model	Dimensions (mm)		
	A	B	C
EQ-200	336	129	134
EQ-400	345	138	143
EQ-800	440	188	182

SISTEMA®

MATERIALS TABLE



HYDRAULIC PERFORMANCE CURVES



1.EQ-200 2.EQ-400 3.EQ-800

NO.	DESCRIPTION	NO.	DESCRIPTION
1	Pressure tank	18	Nut
2	O-ring for tank	19	M-seal
3	Pump cover	20	Motor bracket
4	Impeller stop nut	21	Bearing
5	Impeller	22	Circlip
6	Diffuser cover	23	Shaft and rotor
7	Diffuser	24	Pressure sensor
8	O-ring for pump body	25	T-box with inverter
9	Hex bolt	26	Motor housing
10	Front cover	27	Stator with winding.
11	Check valve cover	28	Base
12	Filling plug	29	Rear cover
13	Check valve	30	Fan
14	Gasket for check valve	31	Fan cover
15	Flange		
16	Hex bolt		
17	Gasket for flange		

PACKAGE INFORMATION

Model	Package dimensions & G.W. (mm)				MOQ Kraft carton
	L	W	H	kg	pcs
EQ-200	380	200	270	10.5	100
EQ-400	395	200	270	11.0	100
EQ-800	470	210	270	12.0	100

EQ-300A

AUTO BOOSTER WATER PUMP

Intelligent permanent magnet
Variable frequency

PRODUCT DESCRIPTION

- Intelligent permanent magnet variable frequency booster pump (hereinafter referred to as auto booster pump) adopts permanent magnet motor, centrifugal impeller and guide vane, The auto booster pump has the characteristics of stable operation, low noise, no leakage, anti-condensation and simple operation. structure.

CONDITIONS OF USE

The auto booster pump should be able to work continuously and normally under the following conditions of use:

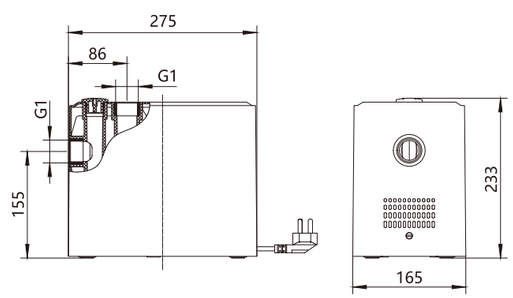
- Conveying clear water;
- Ambient temperature 2°C~+40°C; liquid temperature range 2°C~+60°C;
- The altitude shall not exceed 1000m;
- The volume ratio of solid in the liquid does not exceed 0.01%, and the particle size is not greater than 0.1mm;
- The pH of the liquid is between 6.5 and 8.5;
- The voltage is single-phase AC 220V, and the voltage fluctuation range is ±12% of the rated value.

TECHNICAL DATA (220~240V/50Hz)

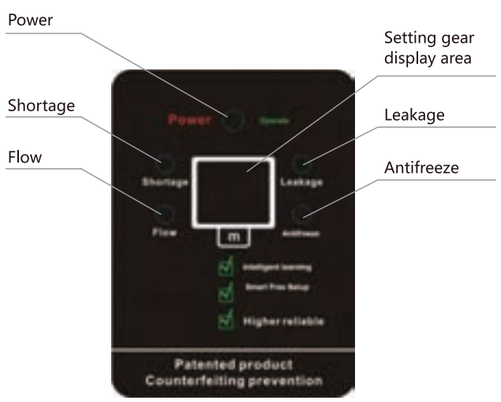
Model	Rated Voltage	P1	P2	H Max	Rated H	Max flow	Rated flow	Max. Speed	In/Out Pipe Diameter
	V	kW	kW	m	m	m³/h	m³/h	rpm	
EQ-300A	220	0.32	0.30	32	15	3.5	2.4	6000	DN25
EQ-400A	220	0.42	0.40	38	18	4.8	2.7	6000	DN25
EQ-800A	220	0.85	0.80	53	41	7	4.1	6000	DN40

Other voltages and frequencies available on request.

INSTALLATION DIMENSIONS

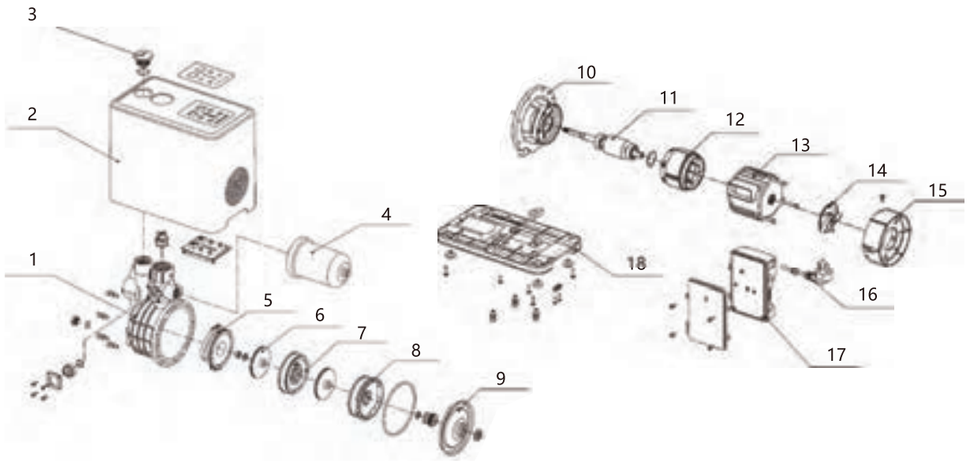


PANEL SCHEMATIC

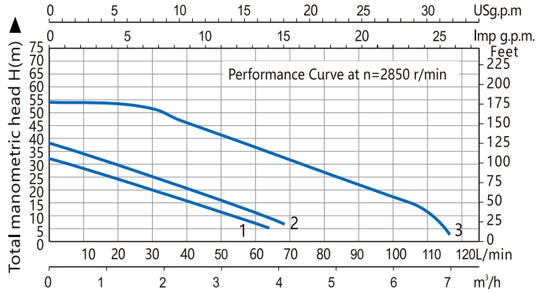


SISTEMA®

MATERIALS TABLE



HYDRAULIC PERFORMANCE CURVES



1. EQ-300A 2.EQ-400A 3.EQ-800A

NO.	DESCRIPTION	NO.	DESCRIPTION
1	Pump body	10	Frame
2	Cover	11	Rotor
3	Injection nut	12	Stator
4	Pressure tank	13	Motor housing
5	Inlet parts	14	Fan
6	Impeller	15	Cowl
7	Front diffuser	16	Cable
8	Rare diffuser	17	Terminal
9	Pump cover	18	Base

PACKAGE INFORMATION

Model	Package dimensions & G.W. (mm)				MOQ Kraft carton
	L	W	H	kg	pcs
EQ-300A	340	210	320	5.1	100
EQ-400A	340	210	320	5.3	100
EQ-800A	410	260	210	11.5	100

IPF Series

AUTO BOOSTER WATER PUMP

Intelligent permanent magnet
Variable frequency

PRODUCT FEATURES

- Constant pressure
- Efficient
- Energy saving
- Comfortable

MATERIALS

- ABS casing, stainless steel pump body, stainless steel impeller, 304 welded shaft, silicon carbide to graphite mechanical seal, Sensata pressure sensor, IP54

APPLICATIONS

APF is designed for pressure boosting in one-family houses and apartments.
We recommend APF for the following applications:

- pressure boosting of city mains water
- pressure boosting of water from roof tank
- pressure boosting of water from break tank
- pressure boosting of water from ground tank

PERFORMANCE

APF is a non-self priming auto pump suitable for houses with up to 3 floors and from four to eight tapping points. (model APF 204H)

Operating conditons

Liquid temperature: (0℃~+100℃) Environment temperature:≤40℃

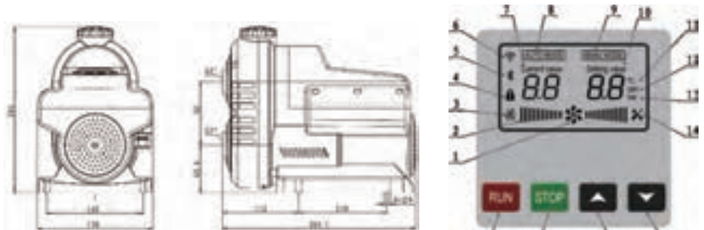
Product overview

- Exquisite in appearance meet the whole house water supply for a family of five, a constant pressure control system designed for families to achieve a complete constant water pressure;
- A smaller installation volume, which saves more installation space; as low as 1W of standby power design, so that energy-saving technology can be perfectly presented;
- Motor insensitive drive technology (FOC), fully realize the zero maintenance of the motor system;
- The rotor shaft uses stainless steel welding technology to ensure that over water components never rust;
- Supporting LED display human-machine interface, simple operation;
- Equipped with industrial-grade pressure sensors;
- System integration reverse valve structure;
- A constant pressure control system designed for the home to achieve a complete constant water pressure.

TECHNICAL PARAMETERS

Model	Rated voltage	Power	Max. head	Rated head	Max.flow	Rated flow	Max. speed	In/out Pipe diameter
	V	kW	m	m	m^3/h	m^3/h	RPM	
IPF550	220	0.55	28	21	4.8	2	4300	G1"
IPF650	220	0.65	45	37	4.8	2	5000	G1"
IPF550L	110	0.5	45	29	4.3	2	5000	G1"

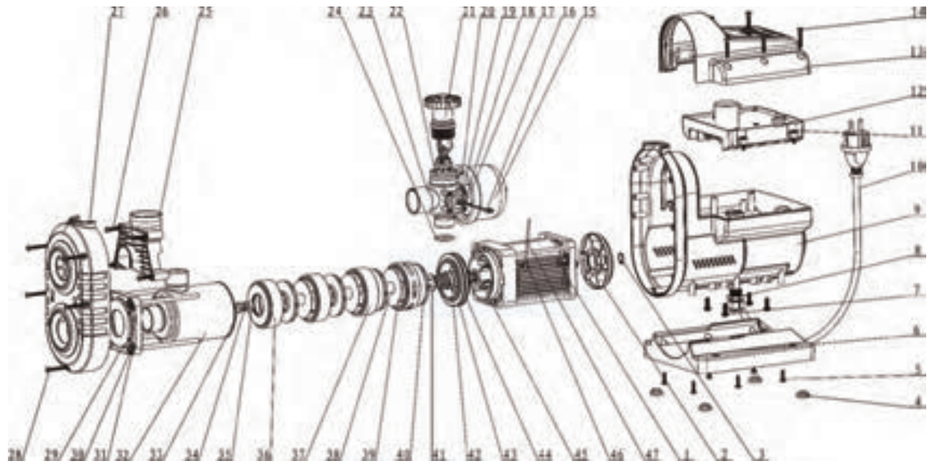
INSTALLATION DIMENSIONS



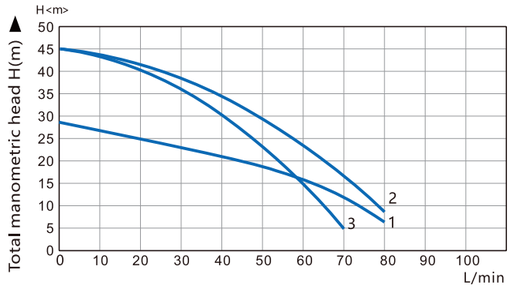
NO. NAME		NO. NAME	
1	Running instructions	10	Man-mode
2	Power consumption	11	Temperature unit
3	Online icon	12	Speed unit
4	Lock icon	13	Pressure unit
5	Bluetooth icon	14	Fault icon
6	WIFI icon	15	Decrease button
7	Current pressure	16	Increase button
8	Auto-mode	17	Stop button
9	Set pressure	18	Run button

SISTEMA

MATERIALS TABLE



HYDRAULIC PERFORMANCE CURVES



1. IPF550 2. IPF650 3. IPF550L

NO.	DESCRIPTION	NO.	DESCRIPTION
1	APF76-01 motor	25	Fixed frame
2	Wind leaf	26	ST4.2X26 Phillipspan head screw
3	Checking ring 12	27	Housing Shell
4	Foot pad	28	ST4.2X40 Phillips pan head screw
5	ST4.2X16-C Phillips pan head screw	29	Pressure plate
6	Base	30	M6X110 Hexagon socket screws
7	M5X16 Phillips pan head screw *spring washer	31	Sprng washer ø6
8	Cable grant	32	Pump casing
9	Case	33	Lock nut M8 reverse thread
10	Power cable	34	Spring washer d8
11	ST4.2X17 Phillips pan head screw	35	Compression bushing
12	Mainboard components	36	The first Diffuser
13	Panel components	37	The middle Diffuser
14	ST4.2X34 Phillips pan head screw	38	Middle shaft sleeve
15	PB-1B pressure tank	39	The last Diffuser
16	3P pressure sensor cable	40	Impeller
17	M3.5X16 Phillips pan head screw	41	Flat gasket
18	Sensor pressure plate	42	Mechanical seal
19	EC-01 pressure sensor	43	Pump cover
20	Pipe	44	Pump cover O-ring outer diameter 75x3.5
21	Check valve assenbly	45	Water retaining ring
22	Waterproof O-ring 35X1	46	M4X6 Phillips pan head screw + spring washer
23	Five-way valve body	47	Ground wire
24	Five-way O-ring outer diameter 29X2.4		

PACKAGE INFORMATION

Model	Package dimensions & G.W. (mm)				MOQ Kraft carton
	L	W	H	kg	pcs
IPF550 IPF550L	350	235	310	6.6	100
IPF650	350	235	310	6.77	100

PS-218

AUTOMATIC BOOSTER PUMP

OPERATING CONDITIONS

- Liquid temperature up to 70°C
- Ambient temperature up to 40°C
- Continuous duty
- pH: 6.5 to 8.5

PUMP

- Pump Body: Cast Iron with anti impeller block design.
- Impeller: Brass
- Mechanical Seal: Carbon / Ceramic / Stainless Steel

MOTOR

- Single Phase
- Heavy Duty Continuous Work
- Motor Housing: Steel.
- Shaft: AISI304/AISI420/AISI1045
- Insulation: Class B / Class F
- Protection: IPX4
- Cooling: External Ventilation

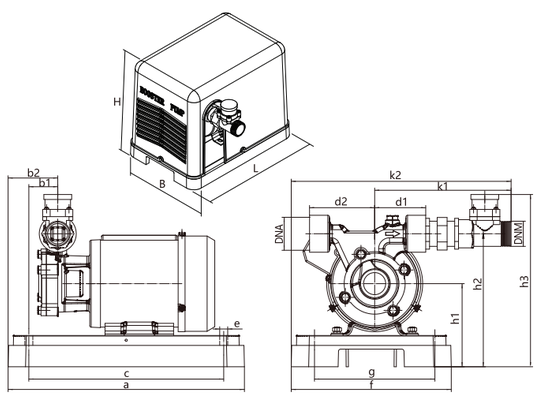
ADVANTAGES & FEATURES

- Compact design, easy installation
- A simple flow switch control automatically
- Anti-block S.S insert on the pump body
- The impeller of copper alloy
- High quality mechanical seal
- Low noise

TECHNICAL DATA (220~240V/50Hz)

Model	Single-phase Motor(r.p.m:2850)											Dimensions (mm)			
	Output Power		Q(m³/h)	0	0.3	0.6	0.9	1.2	1.5	1.8	2.1	2.4	DNA		DNM	
	kW	HP	Q(l/min)	0	5	10	15	20	25	30	35	40	Inch	mm	Inch	mm
PS-218	0.125	0.16	H(m)	30	25	22	17	14	9	6	2	-	1"	25	1"	25

Other voltages and frequencies available on request.



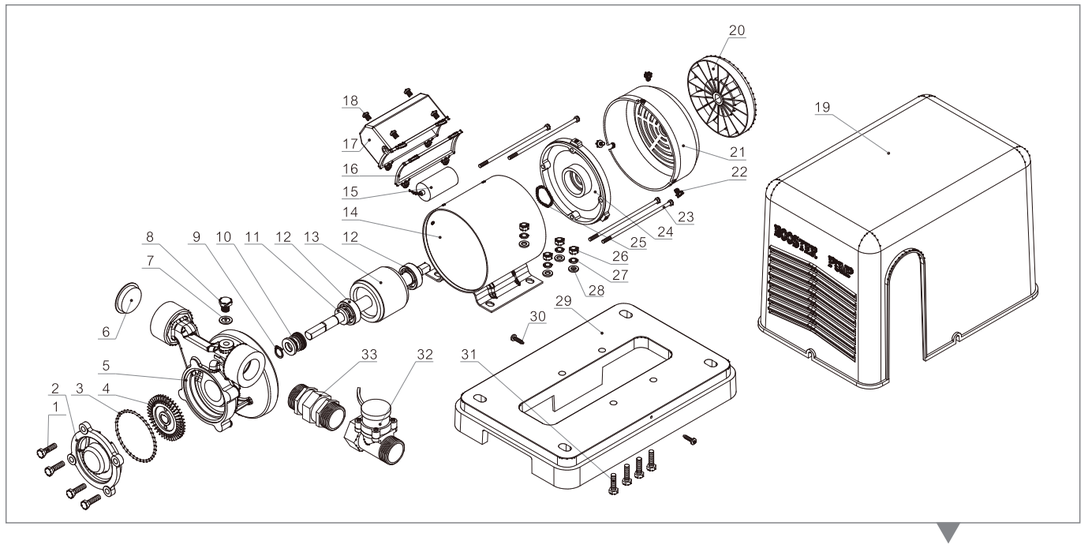
OVERALL & INSTALLATION DIMENSIONS

Model	Dimensions (mm)							
	a	b1	b2	c	d1	d2	e	f
PS-218	310	38	38	255	67	88	10.5	210

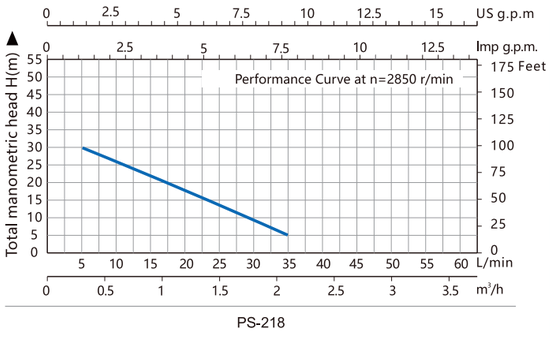
Model	Dimensions (mm)								
	g	h1	h2	h3	k1	k2	H	B	L
PS-218	158	109	175	227	180	290	310	210	250

SISTEMA

MATERIALS TABLE



HYDRAULIC PERFORMANCE CURVES



PS-218

NO.	DESCRIPTION	NO.	DESCRIPTION	NO.	DESCRIPTION
1	Hex bolt	15	Capacitor	29	Base
2	Pump cover	16	Gasket for capacitor cover	30	Screw for shell
3	O-ring	17	Capacitor cover	31	Hex bot for base
4	Impeller	18	Screw for t-box	32	Flow switch
5	Pump body	19	Outter shell	33	Brass connector
6	Seal	20	Fan		
7	Gasket for air screw	21	Fan cover		
8	Air screw	22	Fan cover screw		
9	Circlip	23	Motor tie-rod		
10	M-seal	24	Rear cover		
11	Splash guard	25	Adjusting ring		
12	Bearing	26	Nut		
13	Shaft and rotor	27	Spring washer		
14	Stator with casing	28	Plain washer		

PACKAGE INFORMATION

Model	Package dimensions & G.W. (mm)				MOQ Kraft carton
	L	W	H	kg	pcs
PS-218	310	210	250	8.16	200

YDJSW Series
JET PUMP

OPERATING CONDITIONS
- Liquid temperature up to 60°C
- Ambient temperature up to 40°C
- Total suction lift up to 9m
- Continuous duty
- pH: 6.5 to 8.5

PUMP
- Pump Body: Cast Iron
- Impeller: Brass / Techno-polymer (P.P.O)
- Diffuser: Techno-polymer (P.P.O)
- Mechanical Seal: Carbon / Ceramic / Stainless Steel

MOTOR
- Single Phase: IE1,IE2/IE3
- Heavy Duty Continuous Work
- Motor Housing: Aluminum
- Shaft: AISI304/AISI420/AISI1045
- Insulation: Class B / Class F
- Protection: IPX4
- Cooling: External Ventilation

ADVANTAGES & FEATURES
- Pump body with installation foot set
- High pressure
- Larger flow, good self priming time.
- Compacted design, easy installation and maintenance

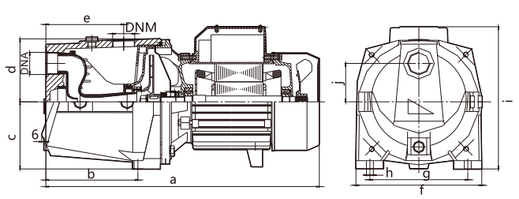
IDENTIFICATION CODES

YDJSW T 10 H M
- M: High Flow
- H: High Head
- 10: Power
- T: Three Phase Motor (Omitted for single-phase motor)
- YDJSW: Product Style

TECHNICAL DATA (220~240V/50Hz)

Model	Single-phase Motor				n=2850r/min			Dimensions (mm)			
	Input max	Output Power		Current	Q.max	H.max	Suct.max	DNA		DNM	
	kW	kW	HP	A	L/min	m	m	Inch	mm	Inch	mm
YDJSW-10h	1.10	0.75	1.00	5.2	45	50	9	1"	25	1"	25
YDJSW-12h	1.30	0.90	1.25	6.2	50	55		1"	25	1"	25
YDJSW-15h	1.50	1.10	1.50	7.0	55	55		1"	25	1"	25
YDJSW-10m	1.10	0.75	1.00	5.2	60	40		1"	25	1"	25
YDJSW-12m	1.30	0.90	1.25	6.2	65	45		1"	25	1"	25
YDJSW-15m	1.50	1.10	1.50	7.0	70	50		1"	25	1"	25

Other voltages and frequencies available on request.

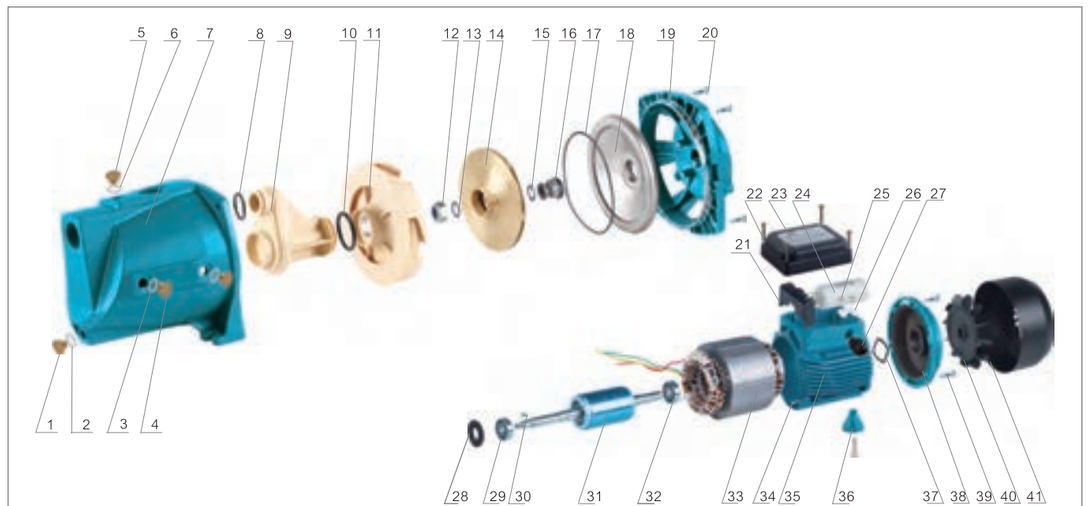


OVERALL & INSTALLATION DIMENSIONS

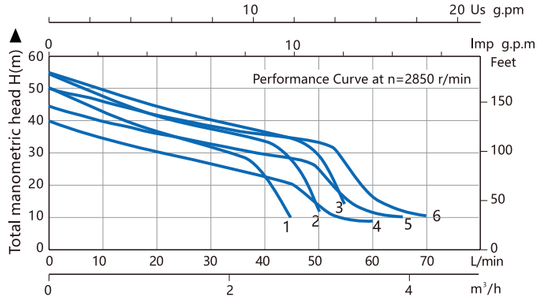
Model	Dimensions (mm)									
	a	b	c	d	e	f	g	h	i	j
YDJSW 10h/m	395	133	97	91	112.5	182	142	10	205.5	55.5
YDJSW 12h/m	395	133	97	91	112.5	182	142	10	205.5	55.5
YDJSW 15h/m	395	133	97	91	112.5	182	142	10	205.5	55.5

SISTEMA®

MATERIALS TABLE



HYDRAULIC PERFORMANCE CURVES



1. YDJSW-10h 2. YDJSW-12h 3. YDJSW-15h 4. YDJSW-10m
5. YDJSW-12m 6. YDJSW-15m

NO.	DESCRIPTION	NO.	DESCRIPTION	NO.	DESCRIPTION
1	Drain Plug	18	M.Seal Disc Holder	35	Motor Housing
2	Plain Washer	19	Motor Bracket	36	Motor foot
3	Plain Washer	20	Screw For Bracket	37	Adjusting Ring
4	Air Screw	21	Terminal Board	38	Rear Cover
5	Filling Plug	22	Screw For T-Box	39	Screw For Rear Cover
6	Plain Washer	23	Terminal Box	40	Fan
7	Pump Body	24	Capacitor	41	Fan Cover
8	O-Ring For Venturi Tube	25	Screw For Cable Presser		
9	Venturi Tube	26	Cable Presser		
10	O-Ring For Diffuser	27	Cable Gland		
11	Diffuser	28	Splash Guard		
12	Impeller Nut	29	Bearing		
13	Plain Washer	30	Key		
14	Impeller	31	Rotor With Shaft		
15	Plain Washer	32	Bearing		
16	Mechanical Seal	33	Stator with winding		
17	O Ring For Pump Body	34	Screw for bracket(2)		

PACKAGE INFORMATION

Model	Package dimensions & G.W. (mm)				MOQ Kraft carton
	L	W	H	kg	pcs
YDJSW 10h/m	455	207	225	16	200
YDJSW 12h/m	455	207	225	17	200
YDJSW 15h/m	455	207	225	18	200

YDJSP Series
JET PUMP

OPERATING CONDITIONS
- Liquid temperature up to 60°C
- Ambient temperature up to 40°C
- Total suction lift up to 9m
- Continuous duty
- pH: 6.5 to 8.5

PUMP
- Pump Body: Cast Iron
- Impeller: Brass / Techno-polymer (P.P.O)
- Diffuser: Techno-polymer (P.P.O)
- Mechanical Seal: Carbon / Ceramic / Stainless Steel

MOTOR
- Single Phase: IE1,IE2/IE3
- Heavy Duty Continuous Work
- Motor Housing: Aluminum
- Shaft: AISI304/AISI420/AISI1045
- Insulation: Class B / Class F
- Protection: IPX4
- Cooling: External Ventilation

ADVANTAGES & FEATURES
- Pump body with installation foot set
- High pressure
- Larger flow, good self priming time.
- Compacted design, easy installation and maintenance

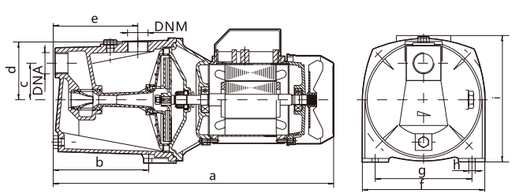
IDENTIFICATION CODES

YDJSP T 100A
- 100A: Code
- T: Three Phase Motor (Omitted for single-phase motor)
- YDJSP: Product Style

TECHNICAL DATA (220~240V/50Hz)

Model	Single-phase Motor				n=2850r/min			Dimensions (mm)			
	Input max	Output Power		Current	Q.max	H.max	Suct.max	DNA		DNM	
	kW	kW	HP	A	L/min	m	m	Inch	mm	Inch	mm
YDJSP-100A	0.55	0.37	0.50	2.5	36	30		1"	25	1"	25
YDJSP-255A	0.88	0.60	0.80	4.2	48	46		1"	25	1"	25
YDJSP-355A	1.10	0.75	1.00	5.2	52	51	9	1"	25	1"	25
YDJSP-1200	1.50	1.10	1.50	7.0	60	55		1.25"	32	1"	25
YDJSP-1400	2.00	1.50	2.00	9.6	70	60		1.25"	32	1"	25

Other voltages and frequencies available on request.

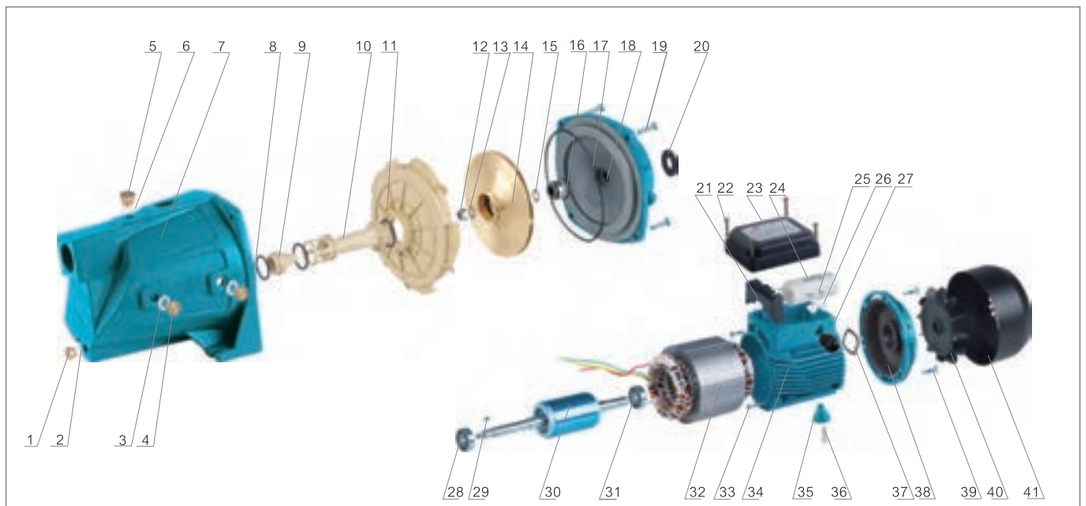


OVERALL & INSTALLATION DIMENSIONS

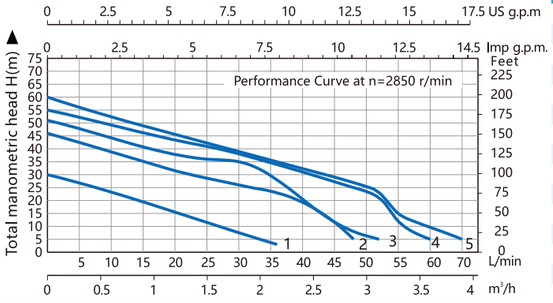
Model	Dimensions (mm)								
	a	b	c	d	e	f	g	h	i
YDJSP-100A	382	132	45	71	122	157	124	10	176
YDJSP-255A	435	148	57	88	130	191	144	10	200
YDJSP-355A	435	148	57	88	130	191	144	10	200
YDJSP-1200	515	169	68	101	168	209	163	10	218
YDJSP-1400	515	169	68	101	168	209	163	10	218

SISTEMA®

MATERIALS TABLE



HYDRAULIC PERFORMANCE CURVES



1. YDJSP-100A 2. YDJSP-255A 3. YDJSP-355A
4. YDJSP-1200 5. YDJSP-1400

NO.	DESCRIPTION	NO.	DESCRIPTION	NO.	DESCRIPTION
1	Drain Plug	18	Motor Bracket	35	Motor Foot
2	Plain Washer	19	Screw For Bracket	36	Motor Foot Screw
3	Plain Washer	20	Splash Guard	37	Adjusting Ring
4	Air Screw	21	Terminal Board	38	Rear Cover
5	Water Injection Plug	22	Screw For T-Box	39	Screw For Rear Cover
6	Plain Washer	23	Terminal Box	40	Fan
7	Pump Body	24	Capacitor	41	Fan Cover
8	O-Ring For Nozzle	25	Screw For Cable Presser		
9	Nozzle	26	Cable Presser		
10	Venturi Tube	27	Cable Gland		
11	Diffuser	28	Bearing		
12	Impeller Nut	29	Key		
13	Plain Washer	30	Rotor With Shaft		
14	Impeller	31	Bearing		
15	Plain Washer	32	Stator With Winding		
16	Mechanical Seal	33	Screw		
17	O Ring For Pump Body	34	Motor Housing		

PACKAGE INFORMATION

Model	Package dimensions & G.W. (mm)				MOQ Kraft carton
	L	W	H	kg	pcs
YDJSP-100A	400	180	200	12.2	300
YDJSP-255A	460	210	225	16.3	200
YDJSP-355A	460	210	225	17.3	200
YDJSP-1200	560	215	260	32.0	100
YDJSP-1400	560	215	260	35.0	100

YDJM Series
JET PUMP

OPERATING CONDITIONS
- Liquid temperature up to 60°C
- Ambient temperature up to 40°C
- Total suction lift up to 9m
- Continuous duty
- pH: 6.5 to 8.5

PUMP
- Pump Body: Cast Iron
- Impeller: Brass / Techno-polymer (P.P.O)
- Diffuser: Techno-polymer (P.P.O)
- Mechanical Seal: Carbon / Ceramic / Stainless Steel

MOTOR
- Single Phase: IE1,IE2/IE3
- Heavy Duty Continuous Work
- Motor Housing: Aluminum
- Shaft: AISI304/AISI420/AISI1045
- Insulation: Class B / Class F
- Protection: IPX4
- Cooling: External Ventilation

ADVANTAGES & FEATURES
- The JET type self-priming pump
- High suction, with short time
- Different impeller material configuration
- Compacted design, easy installation and maintenance

IDENTIFICATION CODES

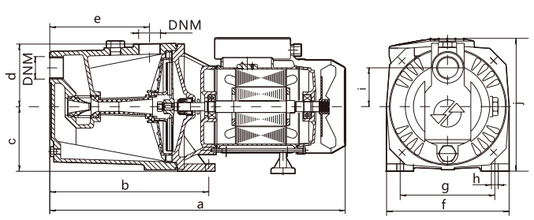
YDJM T 60
- 60 — Power(X10W)
- T — Three Phase Motor (Omitted for single-phase motor)
- YDJM — Product Style

TECHNICAL DATA (220~240V/50Hz)

Model	Single-phase Motor				n=2850r/min			Dimensions (mm)			
	Input max	Output Power		Current	Q.max	H.max	Suct.max	DNA		DNM	
	kW	kW	HP	A	L/min	m	m	Inch	mm	Inch	mm
YDJM-60	0.68	0.46	0.60	3.2	42	38	9	1"	25	1"	25
YDJM-80	0.88	0.60	0.80	4.2	48	46		1"	25	1"	25
YDJM-100	1.10	0.75	1.00	5.2	52	51		1"	25	1"	25

Other voltages and frequencies available on request.

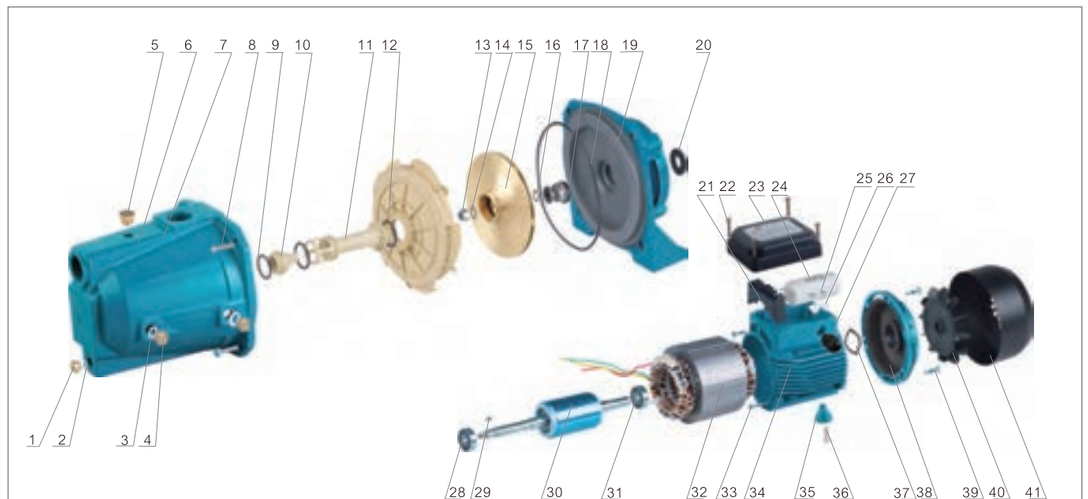
OVERALL & INSTALLATION DIMENSIONS



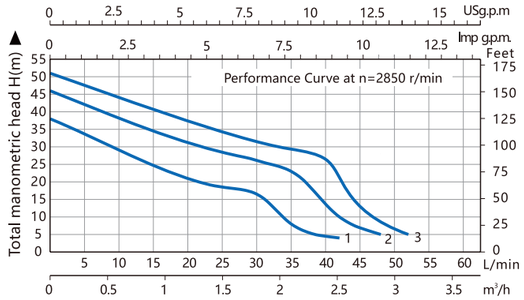
Model	Dimensions (mm)									
	a	b	c	d	e	f	g	h	i	j
YDJM-60	435	238	90	94	150	182	141	9	57	198
YDJM-80	435	238	90	94	150	182	141	9	57	198
YDJM-100	435	238	90	94	150	182	141	9	57	198

SISTEMA

MATERIALS TABLE



HYDRAULIC PERFORMANCE CURVES



1. YDJM-60/H 2. YDJM-80/H 3. YDJM-100/H

NO.	DESCRIPTION	NO.	DESCRIPTION	NO.	DESCRIPTION
1	Drain Plug	18	O Ring For Pump Body	35	Motor Foot
2	Plain Washer	19	Motor Bracket	36	Motor Foot Screw
3	Plain Washer	20	Splash Guard	37	Adjusting Ring
4	Air Screw	21	Terminal Board	38	Rear Cover
5	Water Injection Plug	22	Screw For T-Box	39	Screw For Rear Cover
6	Plain Washer	23	Terminal Box	40	Fan
7	Pump Body	24	Capacitor	41	Fan Cover
8	Screw For Bracket	25	Screw For Cable Presser		
9	O-Ring For Nozzle	26	Cable Presser		
10	Nozzle	27	Cable Gland		
11	Venturi Tube	28	Bearing		
12	Diffuser	29	Key		
13	Impeller Nut	30	Rotor With Shaft		
14	Plain Washer	31	Bearing		
15	Impeller	32	Stator With Winding		
16	Plain Washer	33	Screw		
17	Mechanical Seal	34	Motor Housing		

PACKAGE INFORMATION

Model	Package dimensions & G.W. (mm)				MOQ Kraft carton
	L	W	H	kg	pcs
YDJM-60	475	205	225	15.2	200
YDJM-80	475	205	225	16.2	200
YDJM-100	475	205	225	17.2	200

YDJS Series
JET PUMP

OPERATING CONDITIONS
- Liquid temperature up to 60°C
- Ambient temperature up to 40°C
- Total suction lift up to 9m
- Continuous duty
- pH: 6.5 to 8.5

PUMP
- Pump Body: Cast Iron
- Impeller: Brass / Techno-polymer (P.P.O)
- Diffuser: Techno-polymer (P.P.O)
- Mechanical Seal: Carbon / Ceramic / Stainless Steel

MOTOR
- Single Phase: IE1,IE2/IE3
- Heavy Duty Continuous Work
- Motor Housing: Aluminum
- Shaft: AISI304/AISI420/AISI1045
- Insulation: Class B / Class F
- Protection: IPX4
- Cooling: External Ventilation

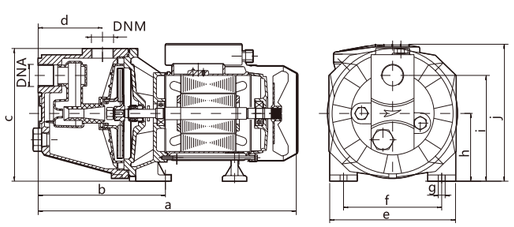
ADVANTAGES & FEATURES
- Different impeller material configuration with short pump body.
- Compacted design, easy installation and maintenance

IDENTIFICATION CODES

TECHNICAL DATA (220~240V/50Hz)

Model	Single-phase Motor				n=2850r/min			Dimensions (mm)			
	Input max	Output Power		Current	Q.max	H.max	Suct.max	DNA		DNM	
	kW	kW	HP	A	L/min	m	m	Inch	mm	Inch	mm
YDJ60S	0.68	0.46	0.60	3.2	40	38		1"	25	1"	25
YDJ80S	0.88	0.60	0.80	4.2	46	45	9	1"	25	1"	25
YDJ100S	1.10	0.75	1.00	5.2	52	50		1"	25	1"	25

Other voltages and frequencies available on request.

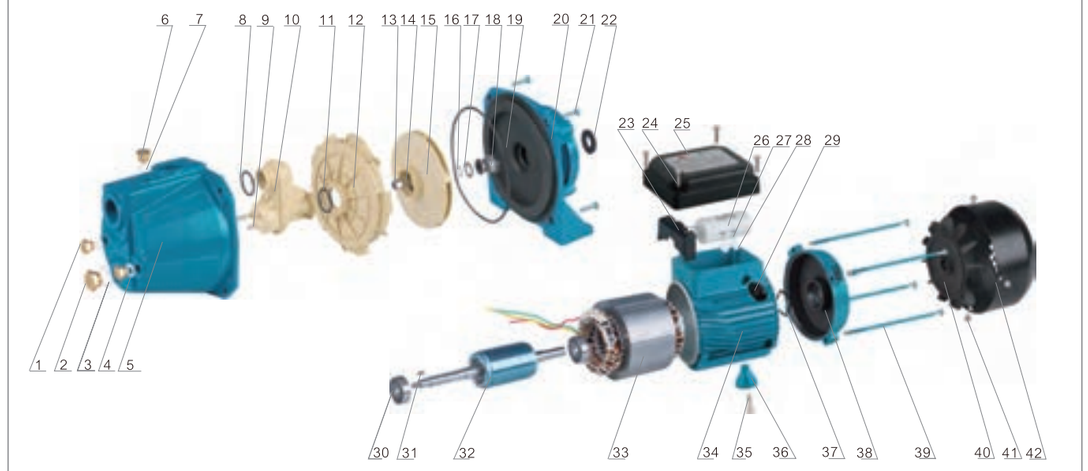


OVERALL & INSTALLATION DIMENSIONS

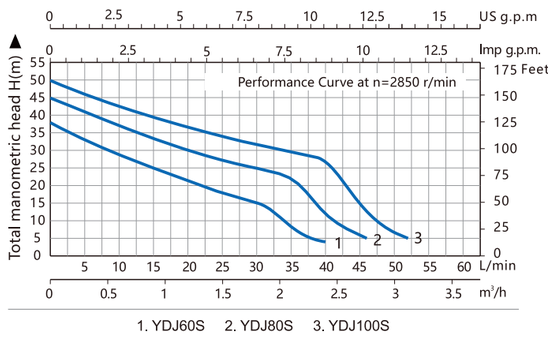
Model	Dimensions (mm)									
	a	b	c	d	e	f	g	h	i	j
YDJ60S	378	177	195	91	180	137	10	104	151	200
YDJ80S	378	177	195	91	180	137	10	104	151	200
YDJ100S	378	177	195	91	180	137	10	104	151	200

SISTEMA

MATERIALS TABLE



HYDRAULIC PERFORMANCE CURVES



1. YDJ60S 2. YDJ80S 3. YDJ100S

NO.	DESCRIPTION	NO.	DESCRIPTION	NO.	DESCRIPTION
1	Air Screw	18	Mechanical Seal	35	Motor Foot Screw
2	Drain Plug	19	O Ring For Pump Body	36	Motor Foot
3	Plain Washer	20	Motor Bracket	37	Adjusting Ring
4	Plain Washer	21	Screw For Bracket	38	Rear Cover
5	Pump Body	22	Splash Guard	39	Motor Tie-Rod
6	Filling Plug	23	Terminal Board	40	Fan
7	Plain Washer	24	Screw For T-Box	41	Fan Cover Screw
8	O-Ring For Venturi Tube	25	Terminal Box	42	Fan Cover
9	Spring For Venturi Tube	26	Capacitor		
10	Venturi Tube	27	Screw For Cable Presser		
11	O-Ring For Diffuser	28	Cable Presser		
12	Diffuser	29	Cable Gland		
13	Impeller Nut	30	Bearing		
14	Plain Washer	31	Key		
15	Impeller	32	Rotor With Shaft		
16	Circlip Ring	33	Stator With Winding		
17	Plain Washer	34	Motor Housing		

PACKAGE INFORMATION

Model	Package dimensions & G.W. (mm)				MOQ Kraft carton
	L	W	H	kg	pcs
YDJ60S	420	210	220	13.6	300
YDJ80S	420	210	220	14.6	200
YDJ100S	420	210	220	15.6	200

YDJS-ST Series

STAINLESS STEEL JET PUMP

OPERATING CONDITIONS

- Liquid temperature up to 60°C
- Ambient temperature up to 40°C
- Total suction lift up to 9m
- Continuous duty

PUMP

- Pump Body: stainless steel
- Impeller: stainless steel
- Diffuser: Techno-polymer (P.P.O)
- Mechanical Seal: Carbon / Ceramic / Stainless Steel

MOTOR

- Single Phase: IE1,IE2/IE3
- Heavy Duty Continuous Work
- Motor Housing: Aluminum
- Shaft: AISI304
- Insulation: Class B / Class F
- Protection: IPX4
- Cooling: External Ventilation

ADVANTAGES & FEATURES

- Stainless pump body
- Stainless shaft
- Stainless impeller
- Able to supply food grade stainless steel
- No pollution when pumping water

IDENTIFICATION CODES

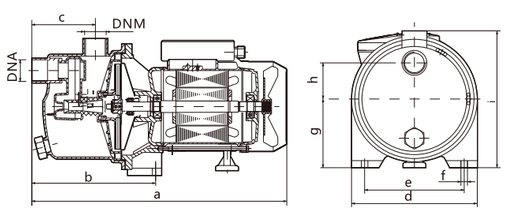
YDJS T 60 ST H/S

- H/S: H for high head type; S for big flow type
- ST: Stainless Steel Pump Body
- 60: Power(÷100HP)
- T: Three Phase Motor (Omitted for single-phase motor)
- YDJS: Product Style

TECHNICAL DATA (220~240V/50Hz)

Model	Single-phase Motor				n=2850r/min			Dimensions (mm)			
	Input max	Output Power		Current	Q.max	H.max	Suct.max	DNA		DNM	
	kW	kW	HP	A	L/min	m	m	Inch	mm	Inch	mm
YDJS-60ST(H/S)	0.68	0.46	0.6	3.2	42/50	40/30		1"	25	1"	25
YDJS-80ST(H/S)	0.88	0.60	0.8	4.2	46/65	45/35		1"	25	1"	25
YDJS-100ST(H/S)	1.10	0.75	1.0	5.2	52/65	50/42	9	1"	25	1"	25
YDJS-130ST	1.30	0.90	1.2	5.8	62	45		1"	25	1"	25
YDJS-150ST	1.10	0.75	1.0	5.2	85	42		1.25"	32	1"	25

Other voltages and frequencies available on request.

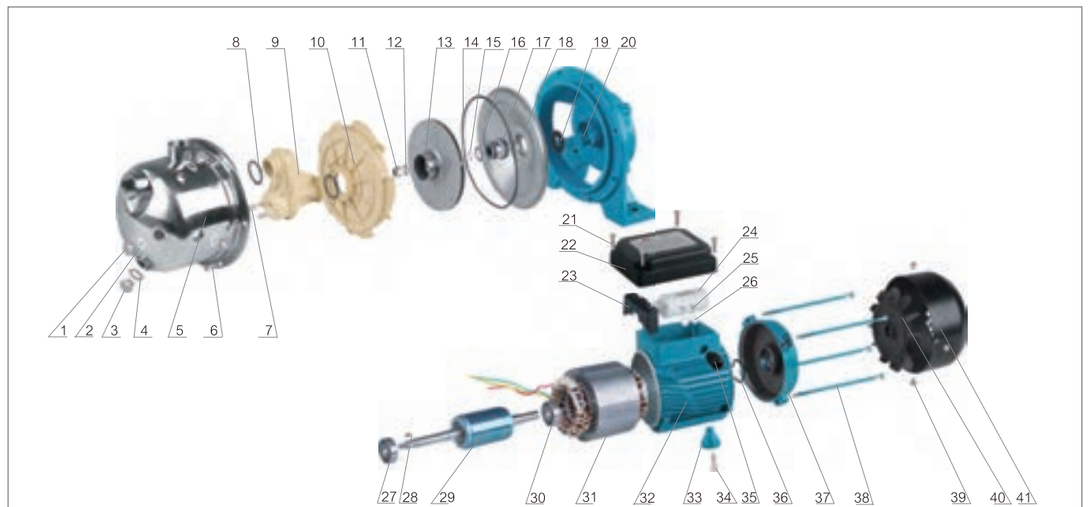


OVERALL & INSTALLATION DIMENSIONS

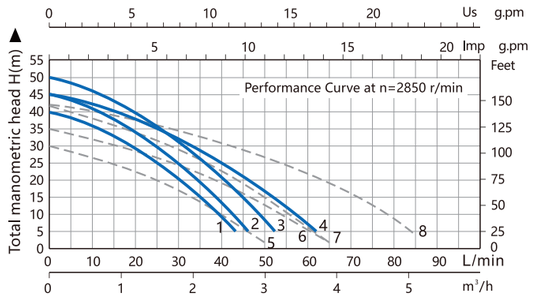
Model	Dimensions (mm)								
	a	b	c	d	e	f	g	h	i
YDJS-60ST(H/S)	380	190	95	194	160	8	105	56	200
YDJS-80ST(H/S)	380	190	95	194	160	8	105	56	200
YDJS-100ST(H/S)	380	190	95	194	160	8	105	56	200
YDJS-130ST	380	190	95	194	160	8	105	56	200
YDJS-150ST	391	183	-	197	155	8	105	51	209

SISTEMA®

MATERIALS TABLE



HYDRAULIC PERFORMANCE CURVES



1.YDJS-60ST(H) 2.YDJS-60ST(S) 3.YDJS-80ST(H) 4.YDJS-80ST(S)
5.YDJS-100ST(H) 6.YDJS-100ST(S) 7.YDJS-130ST 8.YDJS-150ST

NO.	DESCRIPTION	NO.	DESCRIPTION	NO.	DESCRIPTION
1	Air Screw	18	M.Seal Disc Holder	35	Cable Gland
2	Plain Washer	19	Splash Guard	36	Adjusting Ring
3	Drain Plug	20	Motor Bracket	37	Rear Cover
4	Plain Washer	21	Screw For T-Box	38	Motor Tie-Rod
5	Pump Body	22	Terminal Box	39	Fan Screw
6	Hex Bolt	23	Terminal Board	40	Fan
7	Venturi Tube Spring	24	Capacitor	41	Fan Cover
8	O-Ring For Venturi Tube	25	Screw For Cable Presser		
9	Venturi Tube	26	Cable Presser		
10	Diffuser	27	Bearing		
11	Impeller Nut	28	Key		
12	Plain Washer	29	Rotor With Shaft		
13	impeller	30	Bearing		
14	O Ring For Pump Body	31	Stator With Winding		
15	Circlip Ring	32	Motor Housing		
16	Plain Washer	33	Motor Foot		
17	Mechanical Seal	34	Motor Foot Screw		

PACKAGE INFORMATION

Model	Package dimensions & G.W. (mm)				MOQ Kraft carton
	L	W	H	kg	pcs
YDJS-60ST(H/S)	400	210	225	9.5	300
YDJS-80ST(H/S)	400	210	225	10.5	200
YDJS-100ST(H/S)	400	210	225	11.5	200
YDJS-130ST	400	210	225	12	200
YDJS-150ST	400	210	225	11.3	200

YDJS-PL Series

JET PUMP (PLASTIC BODY)

OPERATING CONDITIONS

- Liquid temperature up to 60°C
- Ambient temperature up to 40°C
- Total suction lift up to 9m
- Continuous duty

PUMP

- Pump Body: plastic
- Impeller: Techno-polymer (P.P.O)
- Diffuser: Techno-polymer (P.P.O)
- Mechanical Seal: Carbon / Ceramic / Stainless Steel

MOTOR

- Single Phase: IE1,IE2/IE3
- Heavy Duty Continuous Work
- Motor Housing: Aluminum
- Shaft: AISI304/AISI420/AISI1045
- Insulation: Class B / Class F
- Protection: IPX4
- Cooling: External Ventilation

ADVANTAGES & FEATURES

- Ultraviolet-proof plastic material
- No pollution when pumping water

IDENTIFICATION CODES

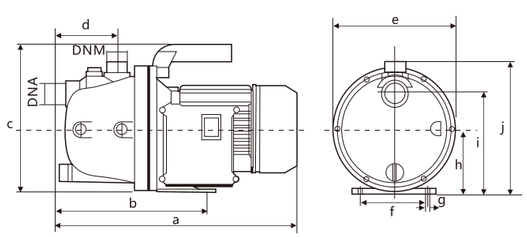
YDJS T 60 PL

- PL — Plastic Pump Body
- 60 — Power(÷100HP)
- T — Three Phase Motor (Omitted for single-phase motor)
- YDJS — Product Style

TECHNICAL DATA (220~240V/50Hz)

Model	Single-phase Motor				n=2850r/min			Dimensions (mm)			
	Input max	Output Power		Current	Q.max	H.max	Suct.max	DNA		DNM	
	kW	kW	HP	A	L/min	m	m	Inch	mm	Inch	mm
YDJS-60PL	0.65	0.46	0.60	3.5	42	40		1"	25	1"	25
YDJS-80PL	0.88	0.60	0.80	4.2	46	45	9	1"	25	1"	25
YDJS-100PL	1.10	0.75	1.00	5.2	52	50		1"	25	1"	25

Other voltages and frequencies available on request.

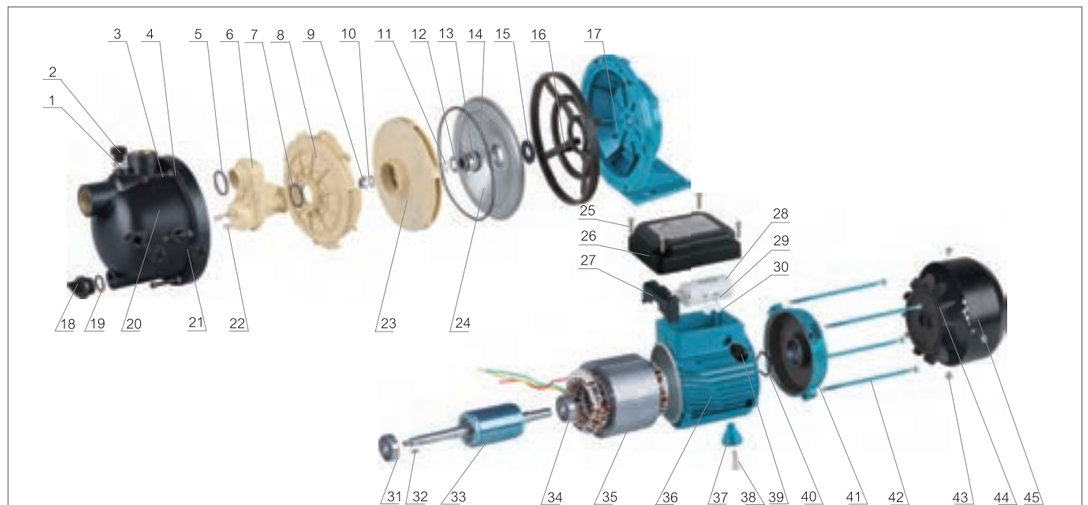


OVERALL & INSTALLATION DIMENSIONS

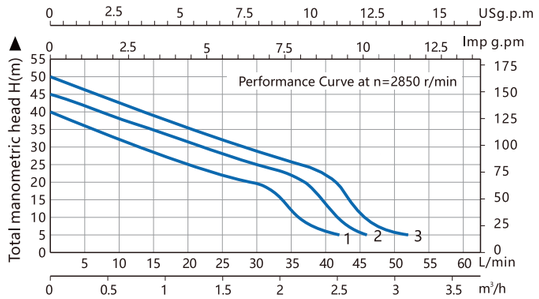
Model	Dimensions (mm)									
	a	b	c	d	e	f	g	h	i	j
YDJS-60PL	360	190	198	95	194	160	8	105	160	208
YDJS-80PL	388	190	198	95	194	160	8	105	160	208
YDJS-100PL	388	190	198	95	194	160	8	105	160	208

SISTEMA®

MATERIALS TABLE



HYDRAULIC PERFORMANCE CURVES



1. YDJS-60PL 2. YDJS-80PL 3. YDJS-100PL

NO.	DESCRIPTION	NO.	DESCRIPTION	NO.	DESCRIPTION
1	Filling Plug	18	Drain Plug	35	Stator
2	"O"Ring For Filling Plug	19	"O"Ring For Drain Plug	36	Stator With Winding
3	Screw For Front Cover	20	Pump Body	37	Motor Housing
4	Plain Washer	21	Air Screw	38	Screw For Foot
5	"O"Ring For Venturi Tube	22	Spring	39	Cable Gland
6	Venturi Tube	23	Impeller	40	Adjusting Ring
7	"O"Ring For Venturi Tube	24	M-Seal Holding Disc	41	Rear Cover
8	Diffuser	25	Screw For Terminal Box	42	Motor Tie-Rod
9	Impeller Nut	26	Terminal Cover	43	Screw For Fan Cover
10	Plain Washer	27	Terminal Board	44	Fan
11	Circlip	28	Capacitor	45	Fan Cover
12	Plain Washer	29	Screw For Cable Presser		
13	Mechanical Seal	30	Cable Presser		
14	"O"Ring For Pump Body	31	Ball Bearing		
15	Splash Guard	32	Key		
16	"O"Ring For Front Cover	33	Shaft And Rotor		
17	Front Cover	34	Ball Bearing		

PACKAGE INFORMATION

Model	Package dimensions & G.W. (mm)				MOQ Kraft carton
	L	W	H	kg	pcs
YDJS-60PL	410	215	230	9.0	300
YDJS-80PL	410	215	230	10.0	200
YDJS-100PL	410	215	230	11.0	200

JDWST Series

STAINLESS STEEL JET PUMP FOR DEEP WELL

OPERATING CONDITIONS

- Liquid temperature up to 60°C
- Ambient temperature up to 40°C
- Total suction lift up to 9m
- Continuous duty
- pH: 6.5 to 8.5

PUMP

- Pump Body: Stainless steel
- Impeller: Stainless steel/Brass
- Diffuser: Techno-polymer (P.P.O)
- Mechanical Seal: Carbon / Ceramic / Stainless Steel

MOTOR

- Single Phase: IE1,IE2/IE3
- Heavy Duty Continuous Work
- Motor Housing: Aluminum
- Shaft: AISI304
- Insulation: Class B / Class F
- Protection: IPX4
- Cooling: External Ventilation

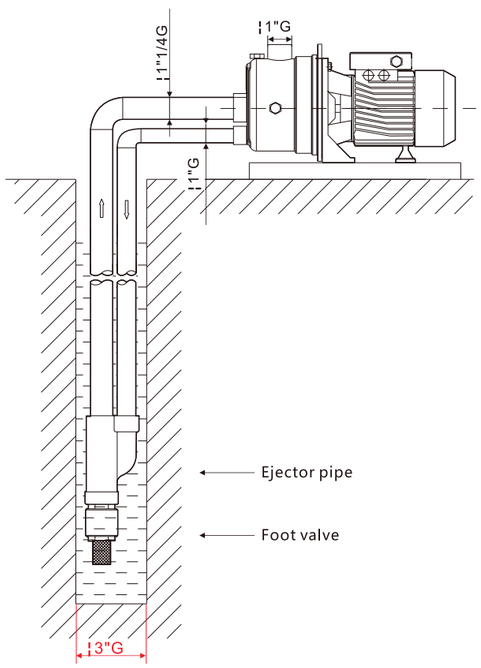
ADVANTAGES & FEATURES

- With special ejector sets, for 3inch well.
- Suction up to 25meters.
- With Stainless steel pump body.
- No pollution when pumping water

IDENTIFICATION CODES

JDWST T 550

- Power(W)
- Three Phase Motor
- (Omitted for single-phase motor)
- Product Style



TECHNICAL DATA (220~240V/50Hz)

Model	Single-phase Motor				n=2850r/min		
	Input max	Output Power		Current	Q.max	H.max	Suct.max
	kW	kW	HP	A	L/min	m	m
JDWST-550	0.80	0.55	0.75	3.8	35	45	20
JDWST-750	1.1	0.75	1	5.2	35	50	25

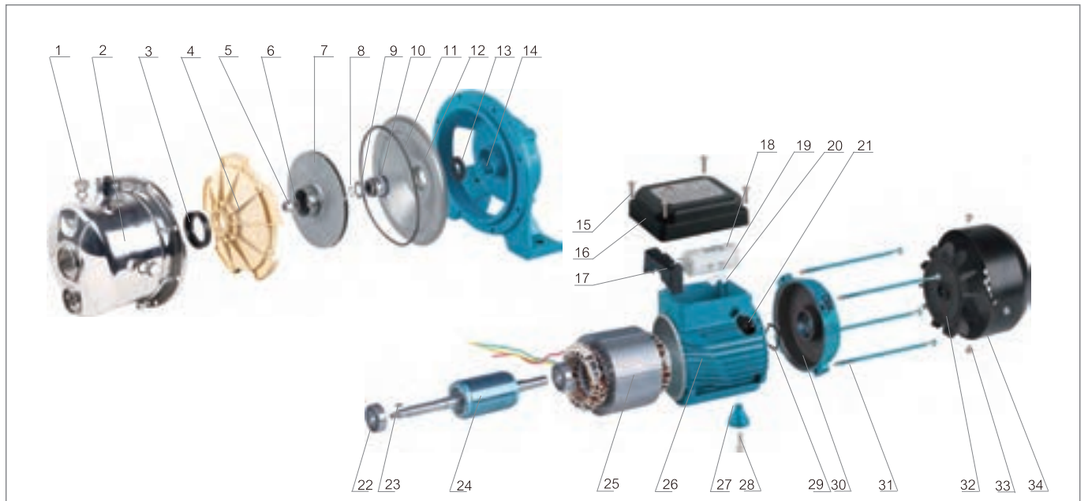
Other voltages and frequencies available on request.

INSTALLATION DIMENSIONS

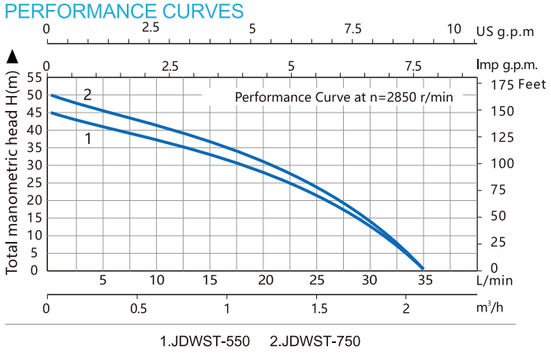
Model	Port Size		
	mm	mm	mm
JDWST-550	25	32	25
JDWST-750	25	32	25

SISTEMA

MATERIALS TABLE



HYDRAULIC WITHOUT DEEP SUCTION PERFORMANCE CURVES



1.JDWST-550 2.JDWST-750

NO.	DESCRIPTION	NO.	DESCRIPTION
1	Drain Plug	18	Capacitor
2	Pump Body	19	Screw For Cable Presser
3	O-Ring For Diffuser	20	Cable Presser
4	Diffuser	21	Cablegland
5	Impeller Nut	22	Bearing
6	Plain Washer	23	Key
7	Impeller	24	Rotor With Shaft
8	Circlip	25	Stator With Winding
9	Plain Washer	26	Motor Housing
10	Mechanical Seal	27	Motor Foot
11	O Ring For Pump Body	28	Motor Foot Screw
12	M.Seal Disc Holder	29	Adjusting Ring
13	Splash Guard	30	Rear Cover
14	Motor Bracket	31	Motor Tie-Rod
15	Screw For T-Box	32	Fan
16	Terminal Box	33	Fan Cover Screw
17	Terminal Board	34	Fan Cover

PACKAGE INFORMATION

Model	Package dimensions & G.W. (mm)				MOQ Kraft carton
	L	W	H	kg	pcs
JDWST-550	430	300	230	12.5	200
JDWST-750	430	300	230	13.5	200

YDJDW Series

JET PUMP FOR DEEP WELL

OPERATING CONDITIONS

- Liquid temperature up to 60°C
- Ambient temperature up to 40°C
- Total suction lift up to 9m
- Continuous duty
- pH: 6.5 to 8.5

PUMP

- Pump Body: Cast Iron
- Impeller: Brass
- Diffuser: Techno-polymer (P.P.O)
- Mechanical Seal: Carbon / Ceramic / Stainless Steel

MOTOR

- Single Phase: IE1,IE2/IE3
- Heavy Duty Continuous Work
- Motor Housing: Aluminum
- Shaft: AISI304/AISI420/AISI1045
- Insulation: Class B / Class F
- Protection: IPX4
- Cooling: External Ventilation

ADVANTAGES & FEATURES

- With special ejector sets, for 2inch well.
- Suction up to 25meters.
- Low noise

IDENTIFICATION CODES

YDJDW T 60 N

- N: New Model
- 60: Power(÷100HP)
- T: Three Phase Motor (Omitted for single-phase motor)
- YDJDW: Product Style

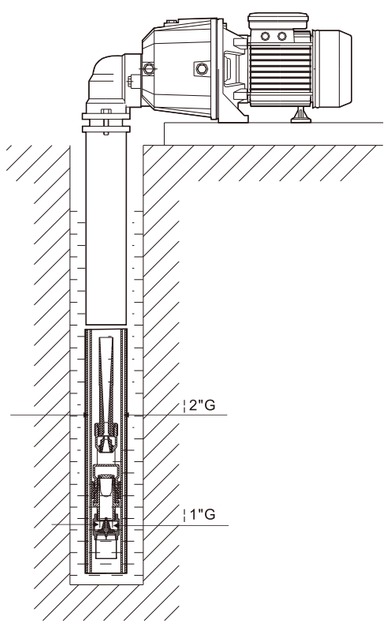
TECHNICAL DATA (220~240V/50Hz)

Model	Single-phase Motor				n=2850r/min			
	Input max	Output Power		Current	Ejector Type	Q.max	H.max	Suct. max
	kW	kW	HP	A		L/min	m	m
YDJDW-60N	0.69	0.46	0.6	3	E25	45	35	15
					E30	35	40	15
YDJDW-80N	0.80	0.55	0.75	3.8	E25	45	40	15
					E30	35	45	20
YDJDW-100N	1.10	0.75	1	5.2	E25	45	45	20
					E30	35	50	25

Other voltages and frequencies available on request.

INSTALLATION DIMENSIONS

Model	Port Size		
	mm	mm	mm
YDJDW-60N	25	32	25
YDJDW-80N	25	32	25
YDJDW-100N	25	32	25



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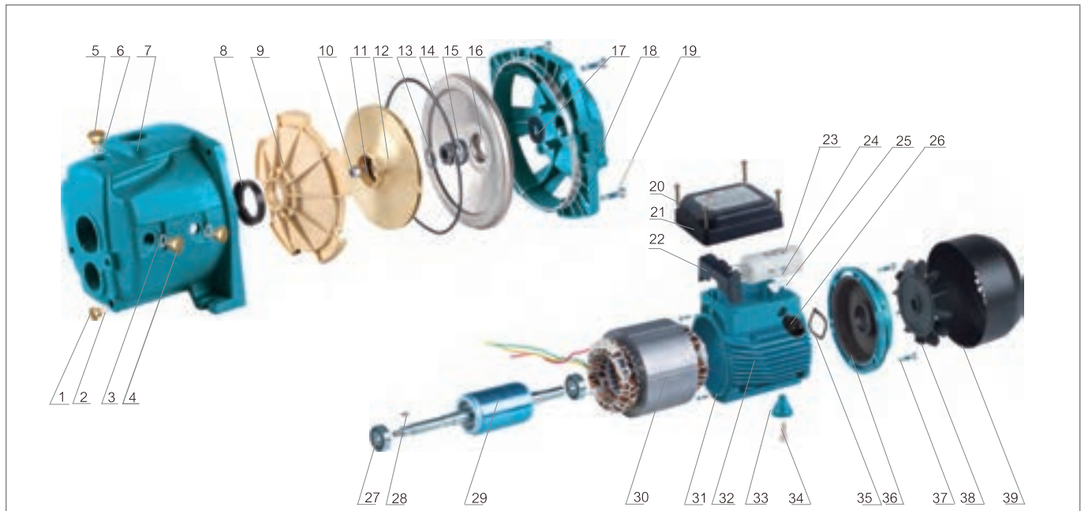
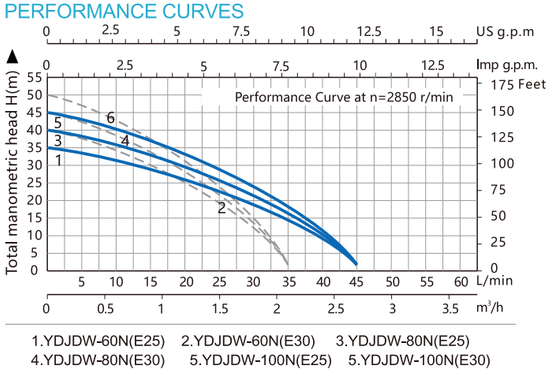
MATERIALS TABLE



HYDRAULIC WITHOUT DEEP SUCTION PERFORMANCE CURVES



1.YDJDW-60N(E25) 2.YDJDW-60N(E30) 3.YDJDW-80N(E25)
4.YDJDW-80N(E30) 5.YDJDW-100N(E25) 5.YDJDW-100N(E30)

NO.	DESCRIPTION	NO.	DESCRIPTION	NO.	DESCRIPTION
1	Drain Plug	18	Front Cover	35	Adjusting Ring
2	"O" Ring For Drain Plug	19	Screw For Front Cover	36	Rear Cover
3	"O" Ring For Drain Plug	20	Screw For Terminal Box	37	Screw For rear cover
4	air screw	21	Terminal Cover	38	Fan
5	Filling Plug	22	Terminal Board	39	Fan Cover
6	"O" Ring For Filling Plug	23	Capacitor		
7	Pump Body	24	Screw For Cable Presser		
8	Rubber Wahser For Diffuser	25	Cable Presser		
9	Diffuser	26	Water Proof Fairlead		
10	Impeller Nut	27	Ball Bearing		
11	Plain Washer	28	Key		
12	Impeller	29	Shaft And Rotor		
13	Plain Washer	30	Stator		
14	"O" Ring For Pump body	31	Motor Case		
15	Mechanical Seal	32	screw for front cover		
16	Mechanical Seal Disc Holder	33	Foot		
17	Splash Guard	34	Screw For Foot		

PACKAGE INFORMATION

Model	Package dimensions & G.W. (mm)				MOQ Kraft carton
	L	W	H	kg	pcs
YDJDW-60N	430	300	230	16.0	200
YDJDW-80N	430	300	230	16.5	200
YDJDW-100N	430	300	230	17.0	200

YDJDP Series

JET PUMP FOR DEEP WELL

OPERATING CONDITIONS

- Liquid temperature up to 60°C
- Ambient temperature up to 40°C
- Total suction lift up to 9m
- Continuous duty
- pH: 6.5 to 8.5

PUMP

- Pump Body: Cast Iron
- Impeller: Brass/ techno-polymer (ppo)
- Diffuser: Techno-polymer (P.P.O)
- Mechanical Seal: Carbon / Ceramic / Stainless Steel

MOTOR

- Single Phase: IE1,IE2/IE3
- Heavy Duty Continuous Work
- Motor Housing: Aluminum
- Shaft: AISI304/AISI420/AISI1045
- Insulation: Class B / Class F
- Protection: IPX4
- Cooling: External Ventilation

ADVANTAGES & FEATURES

- With special ejector sets, for 3inch well.
- Suction up to 25meters deep well.
- Low noise

IDENTIFICATION CODES

YDJDP T 80

- Power(÷100HP)
- Three Phase Motor (Omitted for single-phase motor)
- Product Style

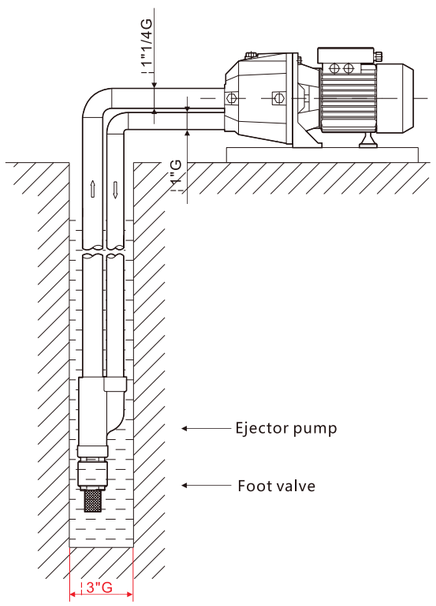
TECHNICAL DATA (220~240V/50Hz)

Model	Single-phase Motor				n=2850r/min			
	Input max	Output Power		Current	Ejector Type	Q.max	H.max	Suct. max
	kW	kW	HP	A		L/min	m	m
YDJDP80	0.80	0.55	0.75	3.8	E25	45	40	15
					E30	35	45	20
YDJDP100	1.1	0.75	1	5.2	E25	45	45	20
					E30	35	50	25

Other voltages and frequencies available on request.

INSTALLATION DIMENSIONS

Model	Port Size		
	mm	mm	mm
YDJDP80	25	32	25
YDJDP100	25	32	25



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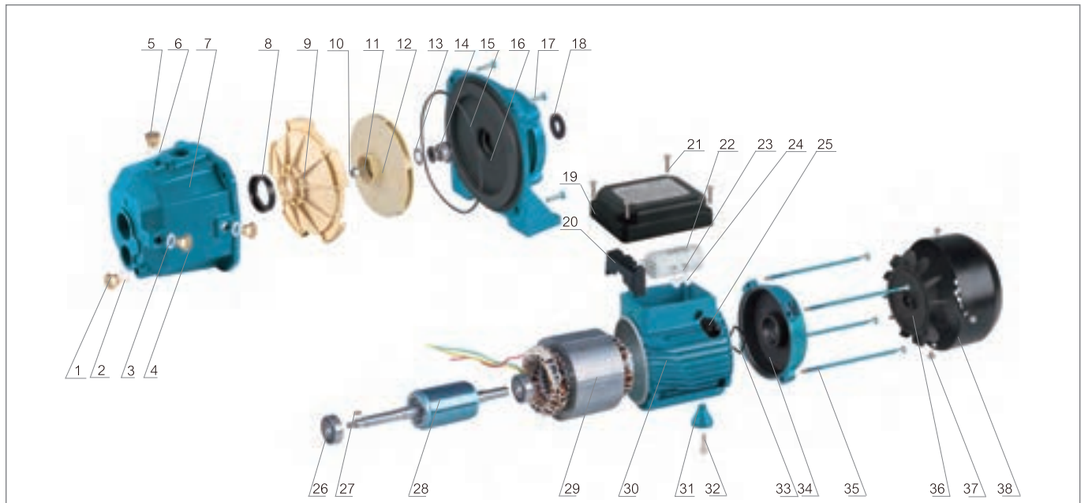
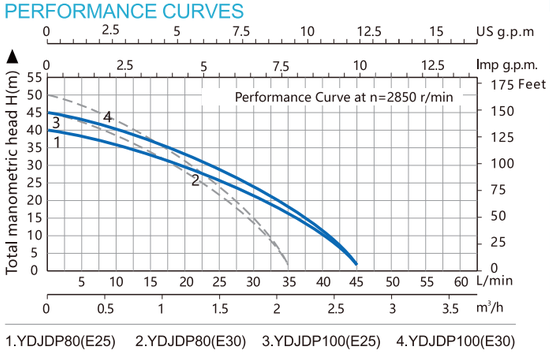
MATERIALS TABLE



HYDRAULIC WITHOUT DEEP SUCTION PERFORMANCE CURVES



1.YDJDP80(E25) 2.YDJDP80(E30) 3.YDJDP100(E25) 4.YDJDP100(E30)

NO.	DESCRIPTION	NO.	DESCRIPTION	NO.	DESCRIPTION
1	Drain Plug	18	Splash Guard	35	Motor Tie-Rod
2	Plain Washer	19	Terminal Box	36	Fan
3	Plain Washer	20	Terminal Board	37	Fan Cover Screw
4	Air Screw	21	Screw For T-Box	38	Fan Cover
5	Filling Plug	22	Capacitor		
6	Plain Washer	23	Screw For Cable Presser		
7	Pump Body	24	Cable Presser		
8	O-Ring For Diffuser	25	Cable Gland		
9	Diffuser	26	Bearing		
10	Impeller Nut	27	Key		
11	Plain Washer	28	Rotor With Shaft		
12	Impeller	29	Stator With Winding		
13	Plain Washer	30	Motor Housing		
14	Mechanical Seal	31	Motor Foot		
15	O Ring For Pump Body	32	Motor Foot Screw		
16	Motor Bracket	33	Adjusting Ring		
17	Screw For Bracket	34	Rear Cover		

PACKAGE INFORMATION

Model	Package dimensions & G.W. (mm)				MOQ Kraft carton
	L	W	H	kg	pcs
YDJDP80	430	300	230	16.5	100
YDJDP100	430	300	230	17.0	100

YDJDP Series

JET PUMP FOR DEEP WELL

OPERATING CONDITIONS

- Liquid temperature up to 60°C
- Ambient temperature up to 40°C
- Total suction lift up to 9m
- Continuous duty
- pH: 6.5 to 8.5

PUMP

- Pump Body: Cast Iron
- Impeller: Brass
- Diffuser: Techno-polymer (P.P.O)
- Mechanical Seal: Carbon / Ceramic / Stainless Steel

MOTOR

- Single Phase: IE1,IE2/IE3
- Heavy Duty Continuous Work
- Motor Housing: Aluminum
- Shaft: AISI304/AISI420/AISI1045
- Insulation: Class B / Class F
- Protection: IPX4
- Cooling: External Ventilation

ADVANTAGES & FEATURES

- With special ejector sets, for 3inch well.
- Suction up to 25meters deep well.
- Low noise

IDENTIFICATION CODES

YDJDP T 151

- 151 — Power Code
- T — Three Phase Motor (Omitted for single-phase motor)
- YDJDP — Product Style

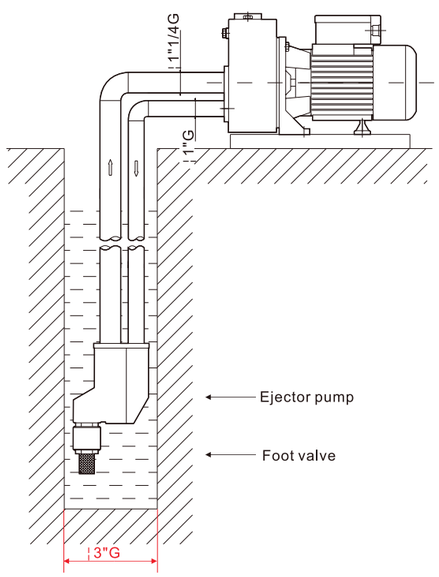
TECHNICAL DATA (220~240V/50Hz)

Model	Single-phase Motor				n=2850r/min			
	Input max	Output Power		Current	Ejector Type	Q.max	H.max	Suct. max
	kW	kW	HP	A		L/min	m	m
YDJDP-151	1.5	1.1	1.5	7	E25	45	70	25
					E30	35	75	30
YDJDP-251	2	1.5	2	9.6	E25	45	75	30
					E30	35	80	35

Other voltages and frequencies available on request.

INSTALLATION DIMENSIONS

Model	Port Size		
	mm	mm	mm
YDJDP-151	25	32	25
YDJDP-251	25	32	25



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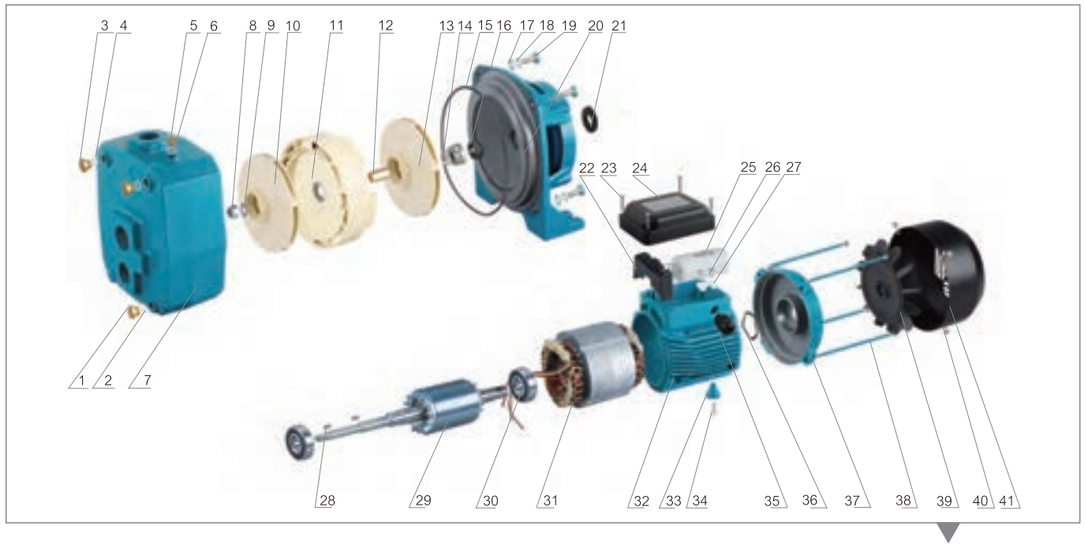
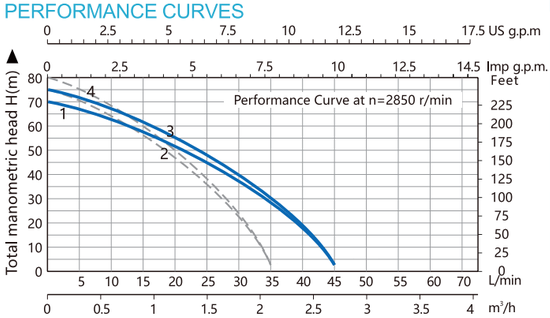
MATERIALS TABLE



HYDRAULIC WITHOUT DEEP SUCTION PERFORMANCE CURVES



1.YDJDP-151(E25) 2.YDJDP-151(E30) 3.YDJDP-251(E25) 4.YDJDP-251(E30)

NO.	DESCRIPTION	NO.	DESCRIPTION	NO.	DESCRIPTION
1	Drain Plug	18	Spring Washer	35	Cable Gland
2	"O" Ring For Drain Plug	19	Screw For Front Cover	36	Adjusting Ring
3	Air Screw	20	Front Cover	37	Rear Cover
4	"O" Ring For Air Screw	21	Splash Guard	38	Motor Tie -Rod
5	Filling Plug	22	Terminal Board	39	Fan
6	"O" Ring For Filling Plug	23	Screw For Terminal Box	40	Screw for Fan Cover
7	Pump Body	24	Terminal Cover	41	Fan Cover
8	Impeller Nut	25	Capacitor		
9	Plain Washer	26	Screw For Cable Presser		
10	Impeller	27	Cable Presser		
11	Diffuser	28	Key		
12	Shaft Sleeve	29	Shaft And Rotor		
13	Impeller	30	Ball Bearing		
14	M-Seal(Moving Part)	31	Stator With Winding		
15	"O" Ring For Pump Body	32	Motor Housing		
16	M-Seal(Static Part)	33	Foot		
17	Plain Washer	34	Screw For Foot		

PACKAGE INFORMATION

Model	Package dimensions & G.W. (mm)				MOQ Kraft carton
	L	W	H	kg	pcs
YDJDP-151	525	250	295	31.0	100
YDJDP-251	525	250	295	32.0	100

YDJ-TR Series

JET PUMP

OPERATING CONDITIONS

- Liquid temperature up to 60°C
- Ambient temperature up to 40°C
- Total suction lift up to 9m
- Continuous duty
- pH: 6.5 to 8.5

PUMP

- Pump Body: Cast Iron
- Impeller: Brass/Techno-polymer
- Diffuser: Techno-polymer (P.P.O)
- Mechanical Seal: Carbon / Ceramic / Stainless Steel

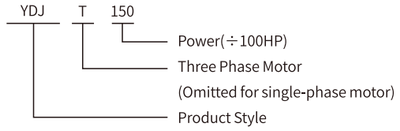
MOTOR

- Single Phase: IE1,IE2/IE3
- Heavy Duty Continuous Work
- Motor Housing: Aluminum
- Shaft: AISI304/AISI420/AISI1045
- Insulation: Class B / Class F
- Protection: IPX4
- Cooling: External Ventilation

ADVANTAGES & FEATURES

- With big flow and big head.
- Apply to 4inch or bigger well.
- Easy maintain and installation.

IDENTIFICATION CODES

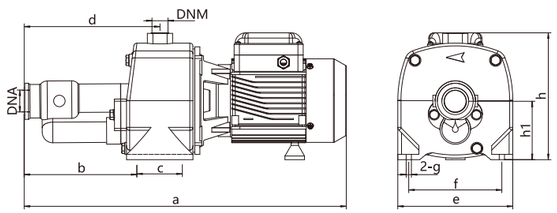


TECHNICAL DATA (220~240V/50Hz)

Model	Single-phase Motor				n=2850r/min			DIMENSIONS (mm)			
	Input max	Output Power		Current	Q.max	H.max	Suct.max	DNA		DNM	
	kW	kW	HP	A	L/min	m	m	Inch	mm	Inch	mm
YDJ-150TR	1.5	1.1	1.5	7	85	61		1.5"	40	1"	25
YDJ-220TR	2	1.5	2	9.6	116	60	9	1.5"	40	1"	25
YDJ-330TR	2.9	2.2	3	13.6	120	65		1.5"	40	1"	25

Other voltages and frequencies available on request.

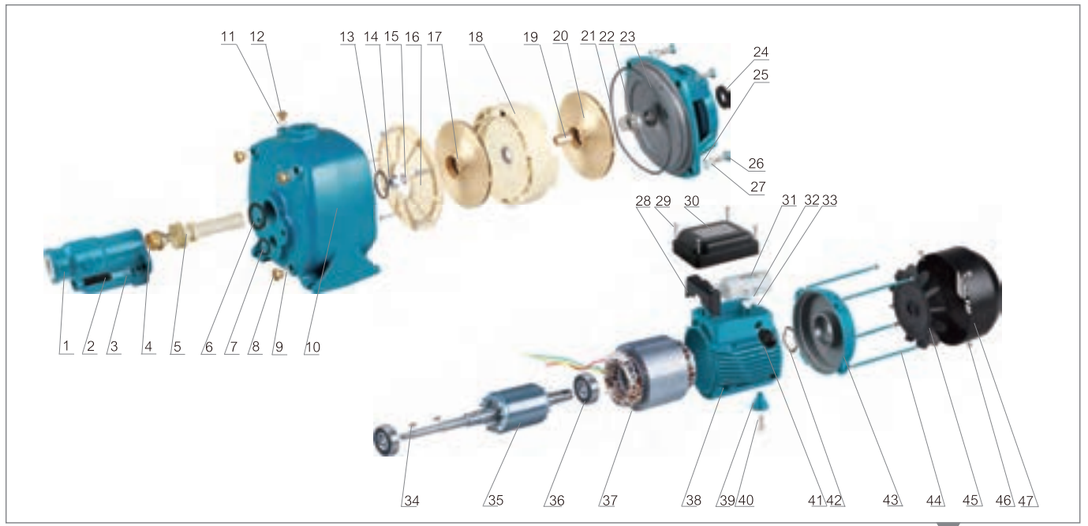
OVERALL & INSTALLATION DIMENSIONS



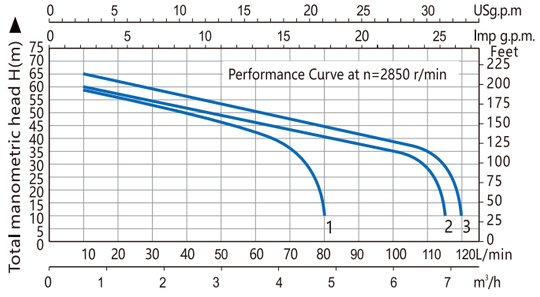
Model	Dimensions (mm)								
	a	b	c	d	e	f	g	h	h1
YDJ-150TR	615	206	105	261	220	180	10	242	112
YDJ-220TR YDJ-330TR	615	206	105	261	220	180	10	242	112

SISTEMA

MATERIALS TABLE



HYDRAULIC WITHOUT DEEP SUCTION PERFORMANCE CURVES



1.YDJ-150TR 2.YDJ-220TR 3.YDJ-330TR

NO.	DESCRIPTION	NO.	DESCRIPTION	NO.	DESCRIPTION
1	Ejector	18	Diffuser	35	Shaft And Rotor
2	Hex Bolt For Ejector	19	Shaft Sleeve	36	Ball Bearing
3	Plain Washer	20	Impeller	37	Stator With Winding
4	Nozzle	21	"O"Ring For Pump Body	38	Motor Housing
5	Venturi Tube	22	Mechanical Seal	39	Foot
6	"O"Ring 1 For Ejector	23	Motor Bracket	40	Screw For Foot
7	"O"Ring 2 For Ejector	24	Splash Guard	41	Cable Gland
8	Drain Plug	25	Plain Washer	42	Adjusting Ring
9	"O"Ring For Drain Plug	26	Spring Washer	43	Rear Cover
10	Pump Body	27	Front Cover	44	Motor Tie -Rod
11	"O" Ring For Filling Plug	28	Terminal Board	45	Fan
12	Filling Plug	29	Screw For Terminal Box	46	Screw For Fan Cover
13	"O"Ring For Diffuser	30	Terminal Cover	47	Fan Cover
14	Impeller Nut	31	Capacitor		
15	Plain Washer	32	Screw For Cable Presser		
16	Diffuser Cover	33	Cable Presser		
17	Impeller	34	Key		

PACKAGE INFORMATION

Model	Package dimensions & G.W. (mm)				MOQ Kraft carton
	L	W	H	kg	pcs
YDJ-150TR	630	250	300	29.0	100
YDJ-220TR	630	250	300	30.0	100
YDJ-330TR	630	250	300	31.0*	50

YDCM Series
CENTRIFUGAL PUMP

IDENTIFICATION CODES

YDCM T 45

- 45 — Power(W)
- T — Three Phase Motor (Omitted for single-phase motor)
- YDCM — Product Style

OPERATING CONDITIONS

- Liquid temperature up to 60°C
- Ambient temperature up to 40°C
- Total suction lift up to 9m
- Continuous duty
- pH: 6.5 to 8.5

PUMP

- Pump Body: Cast Iron
- Impeller: Brass/Techno-polymer/Stainless steel
- Mechanical Seal: Carbon / Ceramic / Stainless Steel
- Front braket: Cast Iron

MOTOR

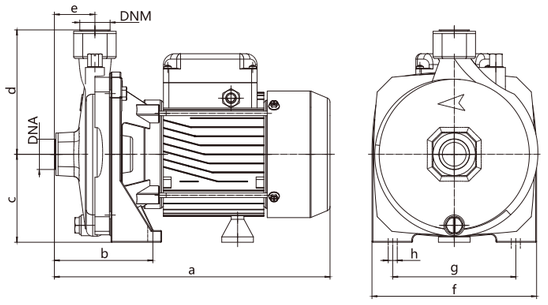
- Heavy Duty Continuous Work
- Motor efficiency: IE1,IE2/IE3
- Motor Housing: Aluminum
- Shaft: AISI304/AISI420/AISI1045
- Insulation: Class B / Class F
- Protection: IPX4
- Cooling: External Ventilation

ADVANTAGES & FEATURES

- Single suction centrifugal pump, with high efficiency
- Reliable quality, stable performance
- High head, medium flow rate
- Motor bracket with feet supporting

TECHNICAL DATA (220~240V/50Hz)

Model		P2		P1		Ampere		Q(m³/h~l/min)								
				kW		1~	3~	0	1.2	2.4	3.6	4.8	5.4	6.6	7.2	7.8
Single phase 220V 50Hz	Three phase 380V 50Hz	HP	kW	1~	3~	1x230 V 50 Hz	3x400 V 50 Hz	0	20	40	60	80	90	110	120	130
								Head (m)								
YDCM 45	YDCMT 45	0.4	0.3	0.51	0.56	2.3	1	19.3	17.4	15	11.3	-	-	-	-	-
YDCM 50	YDCMT 50	0.5	0.37	0.59	0.65	2.8	1.1	21.5	20.5	19	17	15	12	-	-	-
YDCM 75	YDCMT 75	0.8	0.59	0.9	0.94	4.5	1.7	26.5	25.8	24.5	22.2	19.5	17.5	-	-	-
YDCM 100	YDCMT 100	1	0.74	1.16	1.17	5.7	2	33	32.5	31.5	29.6	26.8	25.2	-	-	-
YDCM 160/164	YDCMT 160/164	1.5	1.1	1.9	1.8	8.5	3.4	40.5	39.3	38.6	37.5	25.6	34.6	29.5	-	-
YDCM 210/214	YDCMT 210/214	2	1.5	2.2	2	10.3	4.2	45.1	44.1	43.3	42.3	40.5	39.2	36.4	33.5	-
YDCM 310/314	YDCMT 310/314	3	2.2	2.85	2.67	13.5	5.1	55.9	54.5	53.4	52	50.1	48.9	46.2	44.2	41.9

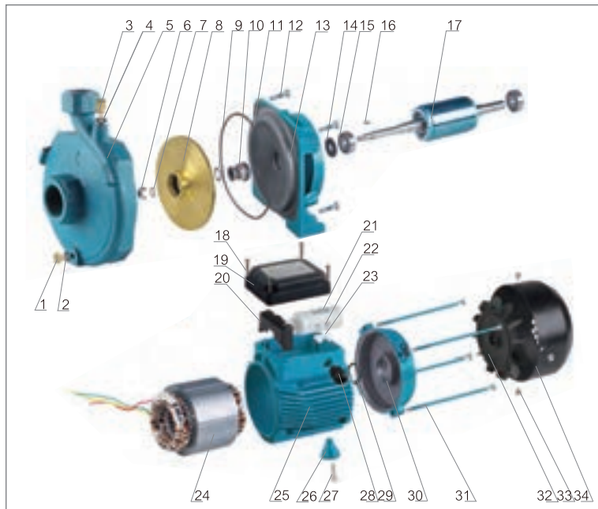


OVERALL & INSTALLATION DIMENSIONS

Model	Dimensions (mm)							
	DNA	DNM	a	b	c	d	g	f
YDCM 45	1"	1"	287	100	84	114	113	150
YDCM 50	1"	1"	287	100	84	114	113	150
YDCM 75	1"	1"	300	107	88	114	113	150
YDCM 100	1"	1"	310	110	97	134	138	186
YDCM 160	1"	1"	365	116	115	168	181	220
YDCM 164	1"1/4G	1"	365	116	115	168	181	220
YDCM 210	1"	1"	365	116	115	168	181	220
YDCM 214	1"1/4G	1"	365	116	115	168	181	220
YDCM 310	1"	1"	365	116	115	168	181	220
YDCM 314	1"1/4G	1"	365	116	115	168	181	220

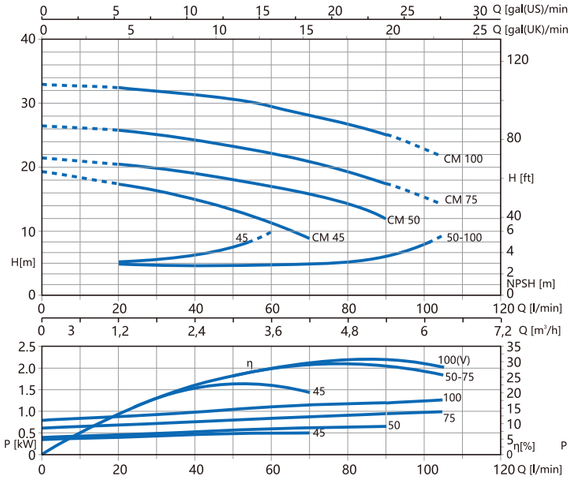
SISTEMA®

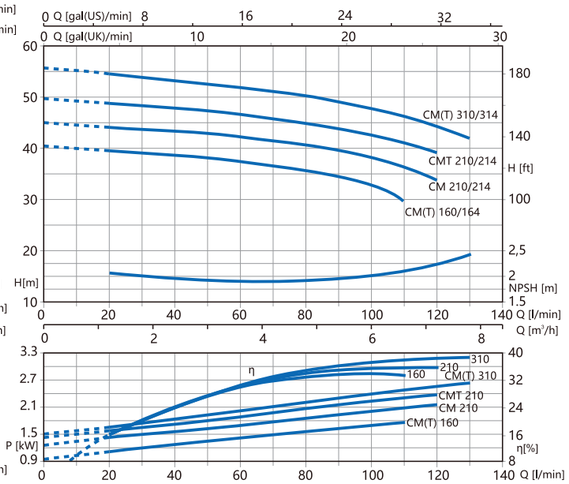
MATERIALS TABLE



NO.	DESCRIPTION	NO.	DESCRIPTION
1	Drain Plug	18	Screw For Terminal Cover
2	"O"Ring For Drain Plug	19	Termianl Cover
3	Filling Plug	20	Terminal Board
4	"O"Ring For Filling Plug	21	Capacitor
5	Pump Body	22	Screw For Cable Presser
6	Impeller Stop Nut	23	Cable Presser
7	Plain Washer	24	Stator With Winding
8	Impeller	25	Motor Case
9	Plain Washer	26	Foot
10	Mechanical Seal	27	Screw For Foot
11	"O"Ring For Pump Body	28	Cable Gland
12	Motor Bracket-Pump Body Screw	29	Adjusting Ring
13	Motor Bracket	30	Motor End Cover
14	Splash Guard	31	Motor Tie-Rod
15	Ball Bearing	32	Fan
16	Key	33	Screw For Fan Cover
17	Shaft And Rotor	34	Fan Cover

HYDRAULIC PERFORMANCE CURVES





PACKAGE INFORMATION

Model	Package dimensions & G.W. (mm)				MOQ Kraft carton
	L	W	H	kg	pcs
YDCM 45/50	290	175	225	8.5/9	300
YDCM 75	325	200	265	12.7/13.5	200
YDCM 100	325	200	265	14	200
YDCM 160/164	370	240	315	22.5	100
YDCM 210/214	370	240	315	23	100
YDCM 310/314	370	240	315	M27.5/T23.5	50

YDLH Series
CENTRIFUGAL PUMP

OPERATING CONDITIONS

- Liquid temperature up to 60°C
- Ambient temperature up to 40°C
- Total suction lift up to 9m
- Continuous duty
- pH: 6.5 to 8.5

PUMP

- Pump Body: Cast Iron
- Impeller: Brass
- Mechanical Seal: Carbon / Ceramic / Stainless Steel
- Front bracket: Cast iron

MOTOR

- Heavy Duty Continuous Work
- Motor efficiency: IE1,IE2/IE3
- Motor Housing: Aluminum
- Shaft: AISI304/AISI420/AISI1045
- Insulation: Class B / Class F
- Protection: IPX4
- Cooling: External Ventilation

ADVANTAGES & FEATURES

- Large flow, high efficiency
- Compact structure, easy to install
  Apply to 1.5" , 2",3" ,4" pipe.

IDENTIFICATION CODES

YDLH1 LN 50B

- 50B — Model Code
- LN — LN for 3 phase (Omitted for three-phase motor)
- YDLH1 — Product Style

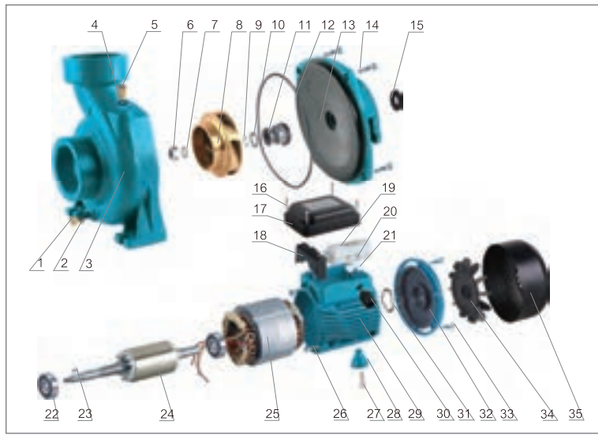
TECHNICAL DATA (220~240V/50Hz)

Model		Output Power		n=2850r/min			Dimensions (mm)				MOQ Kraft carton
Single phase 220V 50Hz	Three phase 380V 50Hz			Q.max	H.max	Suct.max	DNA		DNM		
		kW	HP	L/min	m	m	Inch	mm	Inch	mm	pcs
YDLH1-50B	LN50B	0.37	0.50	300	9	9	1.5"	40	1.5"	40	300
YDLH1-50A	LN50A	0.55	0.75	300	12		1.5"	40	1.5"	40	200
YDLH1-51B	LN51B	0.60	0.80	300	13		1.5"	40	1.5"	40	200
YDLH1-51A	LN51A	0.75	1	300	21		1.5"	40	1.5"	40	200
YDLH1-60	LN60	1.1	1.5	300	29		1.5"	40	1.5"	40	100
YDLH1-70B	LN70B	1.5	2	300	33		1.5"	40	1.5"	40	100
YDLH1-70A	LN70A	2.2	3	300	39		1.5"	40	1.5"	40	50
YDLH1-5C	LN5C	0.60	0.8	400	12.5		2"	50	2"	50	200
YDLH1-5B	LN5B	0.75	1	500	14		2"	50	2"	50	200
YDLH1-5A	LN5A	1.1	1.5	400	16		2"	50	2"	50	100
YDLH1-5BM	LN5BM	1.1	1.5	450	20		2"	50	2"	50	100
YDLH1-5AM	LN5AM	1.5	2	500	22		2"	50	2"	50	100

Other voltages and frequencies available on request.

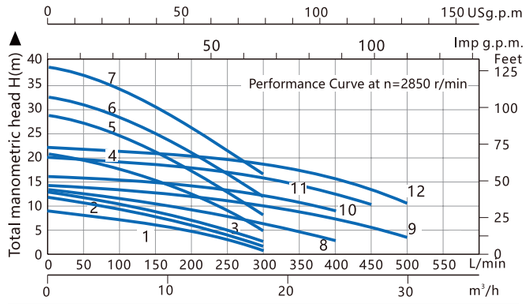
SISTEMA

MATERIALS TABLE

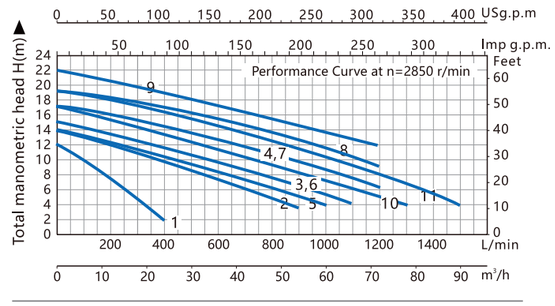


NO.	DESCRIPTION	NO.	DESCRIPTION
1	Drain Plug	19	Capacitor
2	"O"Ring For Drain Plug	20	Screw For Cable Presser
3	Pump Body	21	Cable Presser
4	"O"Ring For Filling Plug	22	Ball Bearing
5	Filling Plug	23	Key
6	Impeller Stop Nut	24	Shaft And Rotor
7	Plain Washer	25	Stator With Winding
8	Impeller	26	Screw For Motor Case
9	Circlip	27	Screw For Foot
10	Plain Washer	28	Foot
11	Mechanical Seal	29	Adjusting Ring
12	"O" Ring For Pump Body	30	Cable Gland
13	Motor Bracket	31	Adjusting Ring
14	Motor Bracket-Pump Body Screw	32	Motor End Cover
15	Splash Guard	33	Screw For Foot
16	Screw For Terminal Cover	34	Fan
17	Terminal Cover	35	Fan Cover
18	Terminal Board		

HYDRAULIC PERFORMANCE CURVES



1. YDLH1-50B 2. YDLH1-50A 3. YDLH1-51B 4. YDLH1-51A 5. YDLH1-60 6. YDLH1-70B
7. LN70A 8. YDLH1-5C 9. YDLH1-5B 10. YDLH1-5A 11. YDLH1-5BM 12. YDLH1-5AM



1. YDLH2-4 2. YDLH2-6C 3. YDLH2-6B 4. LH6A 5. YDLH2-6CR
6. YDLH2-6BR 7. LH6AR 8. LH8B 9. LH8A 10.LH20B 11.LH20A

TECHNICAL DATA (220~240V/50Hz)

Model		Output Power		n=2850r/min			Dimensions (mm)				MOQ Kraft carton
Single phase 220V 50Hz	Three phase 380V 50Hz			Q.max	H.max	Suct.max	DNA		DNM		
		kW	HP	L/min	m	m	Inch	mm	Inch	mm	pcs
YDLH2-4	LH4	0.75	1	400	12	9	2"	50	2"	50	200
YDLH2-6C	LF6C	1.1	1.5	900	14		3"	80	3"	80	100
YDLH2-6B	LH6B	1.5	2	1100	15		3"	80	3"	80	100
---------	LH6A	2.2	3	1200	17		3"	80	3"	80	50
YDLH2-6CR	LH6CR	1.1	1.5	1000	14		4"	100	4"	100	100
YDLH2-6BR	LH6BR	1.5	2	1100	15		4"	100	4"	100	100
---------	LH6AR	2.2	3	1200	17		4"	100	4"	100	50
---------	LH8B	3	4	1200	19		4"	100	4"	100	50
---------	LH8A	4	5.5	1200	22		4"	100	4"	100	50
---------	LH20B	3	4	1300	17		4"	100	4"	100	50
---------	LH20A	4	5.5	1500	19		4"	100	4"	100	50

Other voltages and frequencies available on request.

YDCS Series
CENTRIFUGAL PUMP

OPERATING CONDITIONS

- Liquid temperature up to 60°C
- Ambient temperature up to 40°C
- Total suction lift up to 9m
- Continuous duty
- pH: 6.5 to 8.5

PUMP

- Pump Body: Cast Iron
- Impeller: Brass / cast iron / stainless steel
- Mechanical Seal: Carbon / Ceramic / Stainless Steel
- Front bracket: Cast iron

MOTOR

- Heavy Duty Continuous Work
- Motor efficiency: IE1,IE2/IE3
- Motor Housing: Aluminum
- Shaft: AISI304/AISI420/AISI1045
- Insulation: Class B / Class F
- Protection: IPX4
- Cooling: External Ventilation

ADVANTAGES & FEATURES

- Large flow, high efficiency
- Compact structure, easy to install
  Apply to 1.5" , 2",3" ,4" pipe.

IDENTIFICATION CODES

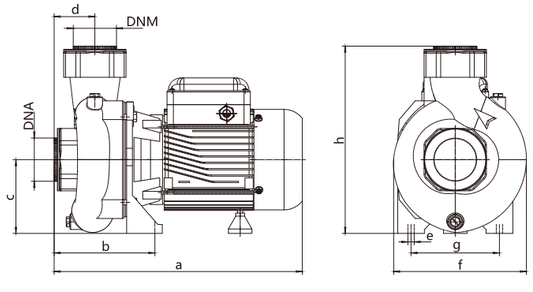
YDCS t 75 2

- 2inch
- Power(X10W)
- t for 3 phase
- (Omitted for three-phase motor)
- Product Style

TECHNICAL DATA (220~240V/50Hz)

Model		P2	Current		n=2850r/min			Dimensions (mm)			
1~	3~	nom.	1~	3~	Q.max	H.max	Suct.max	DNA		DNM	
220 V-50 Hz	220/380 V 50Hz	HP/kW	1x220V	3x380V	L/min	m	m	Inch	mm	Inch	mm
YDCS 75/2	YDCSt 75/2	0.8/0.60	2.9	1.3	300	9.5		2"	50	2"	50
YDCS 100/2	YDCSt 100/2	1/0.75	4.3	2.0	300	12.6		2"	50	2"	50
YDCS 150/2	YDCSt 150/2	1.5/1.1	7	2.6	400	12.3		2"	50	2"	50
YDCS 200/2	YDCSt 200/2	2/1.5	9.6	3.6	450	13.8		2"	50	2"	50
YDCS 200/3	YDCSt 200/3	2/1.5	9.6	3.6	700	14.2	9	3"	80	3"	80
YDCS 300/3	YDCSt 300/3	3/2.2	13.6	4.9	950	16		3"	80	3"	80
-	YDCSt 400/3	4/3	-	6.2	1000	18		3"	80	3"	80
YDCS 450/4	YDCSt 450/4	4/3	18	6.2	1800	16		4"	100	4"	100
-	YDCSt 550/4	5.5/4	-	8.3	1900	18		4"	100	4"	100

Other voltages and frequencies available on request.

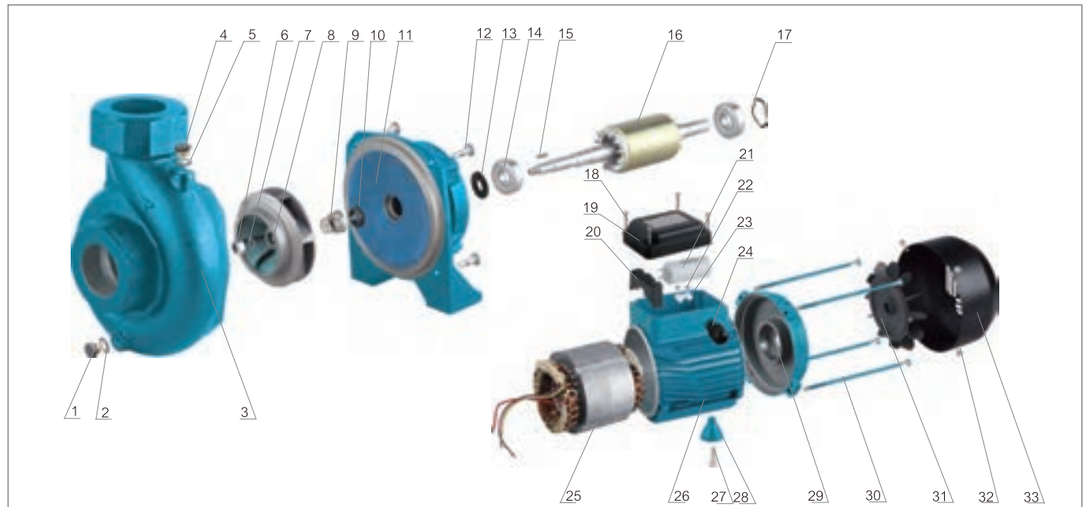


OVERALL & INSTALLATION DIMENSIONS

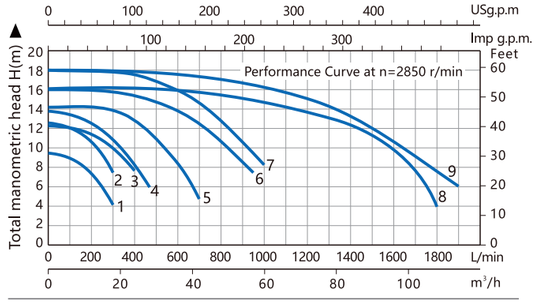
Model	Dimensions (mm)							
	a	b	c	d	e	f	g	h
YDCS 75/100/2	320	127	98	43	10	180	116	248
YDCS 150/200/2	386	155	115	53	12	220	181	287
YDCS 200/3	386	155	115	53	12	220	181	287
YDCS 300/3	457	172	132	82	16	225	140	320
YDCS 400/3	490	172	132	82	16	225	140	320
YDCS 450/550/4	487	194	132	87	16	225	140	320

SISTEMA®

MATERIALS TABLE



HYDRAULIC PERFORMANCE CURVES



1. YDCS75/2 YDCSt75/2 2. YDCS100/2 YDCSt100/2 3. YDCS150/2 YDCSt150/2
4. YDCS200/2 YDCSt200/2 5. YDCS200/3 YDCSt200/3 6. YDCS 300/3 YDCSt300/3
7. YDCSt 400/3 8. YDCS450/4 YDCSt 450/4 9. YDCSt550/4

NO.	DESCRIPTION	NO.	DESCRIPTION
1	Drain Plug	18	Screw For Terminal Box
2	"O" Ring For Drain Plug	19	Terminal Cover
3	Pump Body	20	Terminal Board
4	Filling Plug	21	Capacitor
5	"O" Ring For Filling Plug	22	Screw For Cable Presser
6	Impeller Stop Nut	23	Cable Presser
7	Plain Washer	24	Cable Gland
8	Impeller	25	Stator With Winding
9	M-Seal Moving Part	26	Motor Housing
10	M-Seal Static Part	27	Foot Screw
11	Motor Bracket	28	Foot
12	Motor Bracket-Pump Body Screw	29	Rear Cover
13	Splash Guard	30	Motor Tie-Rod
14	Ball Bearing	31	Fan
15	Key	32	Screw For Fan Cover
16	Shaft And Rotor	33	Fan Cover
17	Adjusting Ring		

PACKAGE INFORMATION

Model	Package dimensions & G.W. (mm)				MOQ Kraft carton
	L	W	H	kg	pcs
YDCS 75/2	350	230	280	14.2	200
YDCS 100/2	350	230	280	15.5	200
YDCS 150/2	455	280	360	25	100
YDCS 200/2	430	285	360	26	100
YDCSB 100/2	430	285	360	26	100
YDCSB 150/2	455	280	360	25	100
YDCS 200/3	430	285	360	25.5	100
YDCS 300/3	530	280	350	32	50
YDCSt 400/3	530	280	350	33	50
YDCSt 450/4	560	300	375	41.1	50
YDCSt 550/4	560	300	375	41.1	50

YDCH Series
CENTRIFUGAL PUMP

OPERATING CONDITIONS
- Liquid temperature up to 60°C
- Ambient temperature up to 40°C
- Total suction lift up to 9m
- Continuous duty
- pH: 6.5 to 8.5

PUMP
- Pump Body: Cast Iron
- Impeller: Brass
- Mechanical Seal: Carbon / Ceramic / Stainless Steel
- Front bracket :cast iron

MOTOR
- Single Phase: IE1,IE2/IE3
- Heavy Duty Continuous Work
- Motor Housing: Aluminum
- Shaft: AISI304/AISI420/AISI1045
- Insulation: Class B / Class F
- Protection: IPX4
- Cooling: External Ventilation

ADVANTAGES & FEATURES
- High head
- Compact structure, easy to install
- Apply to 2" pipe.

IDENTIFICATION CODES

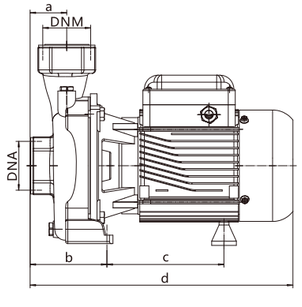
YDCH T 150

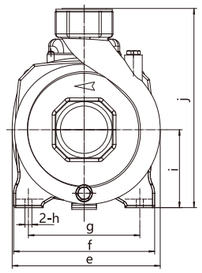
- Power(÷100HP)
- Three Phase Motor
- (Omitted for single-phase motor)
- Product Style

TECPCHNICAL DATA (220~240V/50Hz)

Model	Single-phase Motor				n=2850r/min			Dimensions (mm)			
	Input max	Output Power		Current	Q.max	H.max	Suct.max	DNA		DNM	
	kW	kW	HP	A	L/min	m	m	Inch	mm	Inch	mm
YDCH-150	1.90	1.10	1.50	9	400	25	9	2"	50	2"	50
YDCH-200	2.20	1.50	2.00	10	450	30		2"	50	2"	50
YDCH-300	2.50	2.20	3.00	12	500	33		2"	50	2"	50

Other voltages and frequencies available on request.



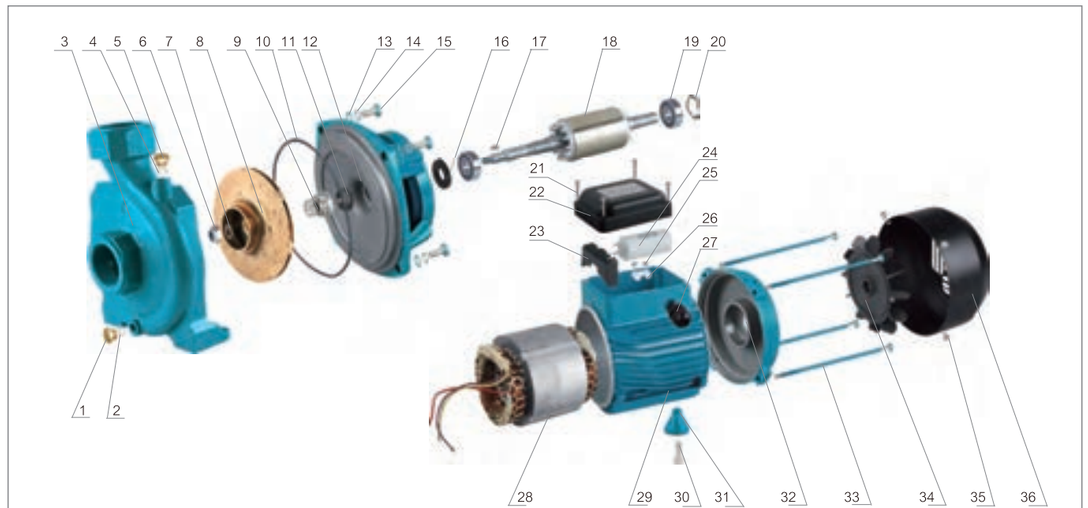


OVERALL & INSTALLATION DIMENSIONS

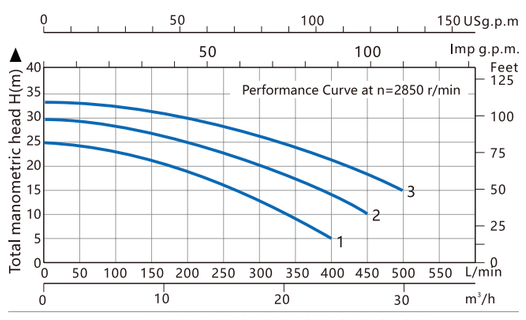
Model	DIMENSIONS (mm)									
	a	b	c	d	e	f	g	h	i	j
YDCH-150	52	109	170	375	210	200	158	10	110	283
YDCH-200	52	109	170	375	210	200	158	10	110	283
YDCH-300	52	109	170	375	210	200	158	10	110	283

SISTEMA®

MATERIALS TABLE



HYDRAULIC PERFORMANCE CURVES



1.YDCH-150 2. YDCH-200 3. YDCH-300

NO.	DESCRIPTION	NO.	DESCRIPTION	NO.	DESCRIPTION
1	Drain Plug	18	Shaft And Rotor	35	Screw For Fan Cover
2	"O" Ring For Drain Plug	19	Ball Bearing	36	Fan Cover
3	Pump Body	20	Adjusting Ring		
4	"O" Ring For Filling Plug	21	Screw For Terminal Box		
5	Filling Plug	22	Terminal Cover		
6	Impeller Stop Nut	23	Terminal Board		
7	Plain Washer	24	Capacitor		
8	Impeller	25	Screw For Cable Presser		
9	M-Seal Moving Part	26	Cable Presser		
10	"O" Ring For Pump Body	27	Cable Gland		
11	M-Seal Static Part	28	Stator		
12	Motor Bracket	29	Motor Case		
13	Plain Washer	30	Foot Screw		
14	Spring Washer	31	Foot		
15	Motor Bracket-Pump Body Screw	32	Motor End Cover		
16	Splash Guard	33	Motor Tie-Rod		
17	Key	34	Fan		

PACKAGE INFORMATION

Model	Package dimensions & G.W. (mm)				MOQ Kraft carton
	L	W	H	kg	pcs
YDCH-150	388	245	340	23.1	100
YDCH-200	388	245	340	25.2	100
YDCH-300	400	250	340	32	50

YDNF Series

CENTRIFUGAL PUMP WITH FLANGE

OPERATING CONDITIONS

- Liquid temperature up to 60°C
- Ambient temperature up to 40°C
- Total suction lift up to 9m
- Continuous duty
- pH: 6.5 to 8.5

PUMP

- Pump Body: Cast Iron
- Impeller: Brass
- Mechanical Seal: Carbon / Ceramic / Stainless Steel
- Front bracket :cast iron

MOTOR

- Single Phase: IE1,IE2/IE3
- Heavy Duty Continuous Work
- Motor Housing: Aluminum
- Shaft: AISI304/AISI420/AISI1045
- Insulation: Class B / Class F
- Protection: IPX4
- Cooling: External Ventilation

ADVANTAGES & FEATURES

- Flange mounting, easy installation
- Compact structure
- Apply to 2" 3" pipe.
- Big flow, small head.

IDENTIFICATION CODES

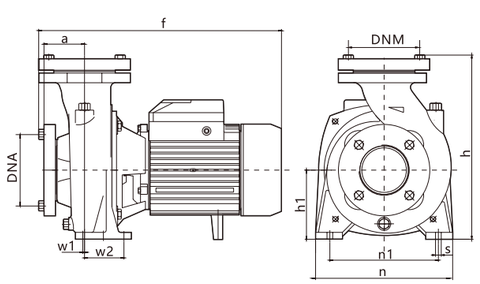
YDNF T 128B

- Model Code
- Three Phase Motor (Omitted for single-phase motor)
- Product Style

TECHNICAL DATA (220~240V/50Hz)

Model	Single-phase Motor				n=2850r/min			Dimensions (mm)			
	Input max	Output Power		Current	Q.max	H.max	Suct.max	DNA		DNM	
	kW	kW	HP	A	L/min	m	m	Inch	mm	Inch	mm
YDNF-128B	0.88	0.60	0.8	3.2	300	12.5		2"	50	2"	50
YDNF-128A	1.10	0.75	1.0	5.2	350	13.7		2"	50	2"	50
YDNF-129B	1.50	1.10	1.5	7.0	400	15		2"	50	2"	50
YDNF-129A	2.00	1.50	2.0	9.6	450	15	9	2"	50	2"	50
YDNF-130C	1.50	1.10	1.5	7.0	900	12		3"	80	3"	80
YDNF-130B	2.00	1.50	2.0	9.6	950	13		3"	80	3"	80
YDNF-130A	2.90	2.20	3.0	13.9	1000	15		3"	80	3"	80

Other voltages and frequencies available on request.

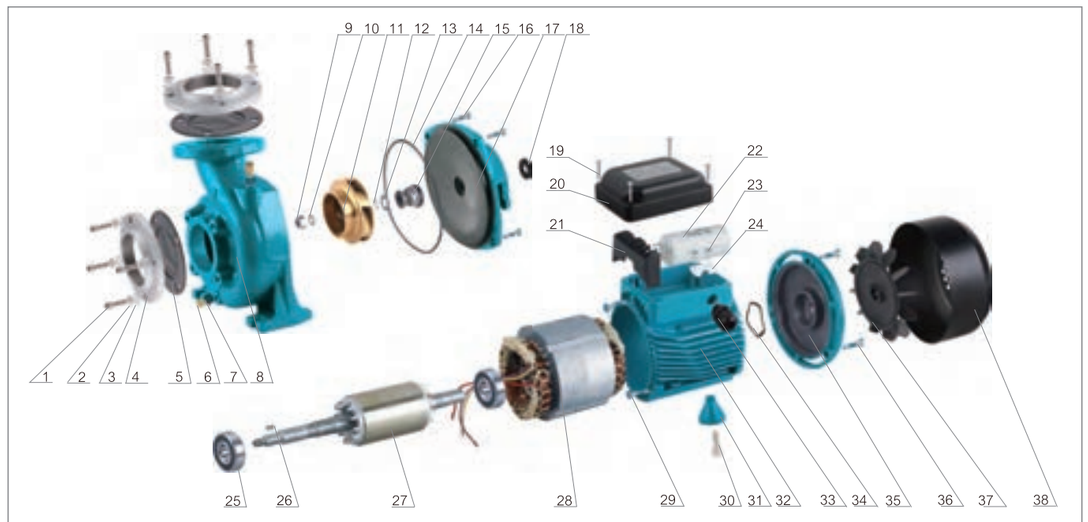


OVERALL & INSTALLATION DIMENSIONS

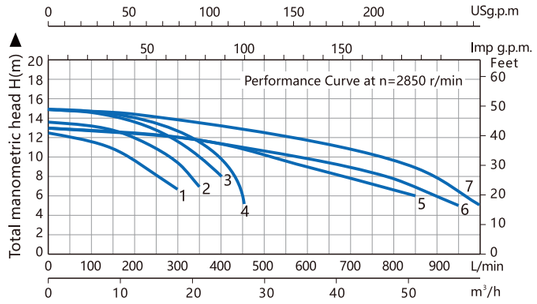
Model	Dimensions (mm)									
	a	f	h	h1	i	n	n1	w1	w2	s
YDNF-128	65	334	271	97	264	196	160	8	60	12
YDNF-129	56	372	276	110	269	206	160	1	62	11
YDNF-130	71	390	320	120	313	240	190	6	66	12

SISTEMA

MATERIALS TABLE



HYDRAULIC PERFORMANCE CURVES



1.YDNF-128B 2.YDNF-128A 3.YDNF-129B 4.YDNF-129A 5.YDNF-130C 6.YDNF-130B 7.YDNF-130A

NO.	DESCRIPTION	NO.	DESCRIPTION	NO.	DESCRIPTION
1	Hex Bolt	18	Splash Guard	35	Rear cover
2	Spring Washer	19	Screw For Terminal Box Fixing	36	Rear cover screw
3	Plain Washer	20	Terminal Cover	37	Fan
4	Flange	21	Terminal Board	38	Fan cover
5	Gasket	22	Capacitor		
6	Drain Plug	23	Screw For Cable Presser		
7	O-ring For Drain Plug	24	Cable Presser		
8	Pump Body	25	Ball Bearing		
9	Impeller Stop Nut	26	Key		
10	Plain Washer	27	Shaft And Rotor		
11	Impeller	28	Stator With Winding		
12	Circlip	29	Screw For Motor Bracket		
13	Plain Washer	30	Foot Screw		
14	"o" Ring For Pump Body	31	Foot		
15	Mechanical Seal	32	Motor Case		
16	Motor Bracket-Pump Body Screw	33	Cable Gland		
17	Front Cover	34	Adjusting Ring		

PACKAGE INFORMATION

Model	Package dimensions & G.W. (mm)				MOQ Kraft carton
	L	W	H	kg	pcs
YDNF-128B	400	255	300	19	200
YDNF-128A	400	255	300	20	100
YDNF-129B	470	280	357	32	100
YDNF-129A	470	280	357	33	100
YDNF-130C	505	280	353	34	100
YDNF-130B	505	280	353	35	100
YDNF-130A	505	280	353	36	50

YDK Series

SEMI OPEN IMPELLER CENTRIFUGAL PUMP

OPERATING CONDITIONS

- Liquid temperature up to 60°C
- Ambient temperature up to 40°C
- Total suction lift up to 9m
- Continuous duty
- pH: 6.5 to 8.5

PUMP

- Pump Body: Cast Iron
- Impeller: Brass
- Mechanical Seal: Carbon / Ceramic / Stainless Steel
- Front bracket :cast iron

MOTOR

- Single Phase: IE1,IE2/IE3
- Heavy Duty Continuous Work
- Motor Housing: Aluminum
- Shaft: AISI304/AISI420/AISI1045
- Insulation: Class B / Class F
- Protection: IPX4
- Cooling: External Ventilation

ADVANTAGES & FEATURES

- Semi Open Impeller
- Suitable for clean or slightly dirty water
- Compact structure, easy to install
- Designed friendly for irrigation system

IDENTIFICATION CODES

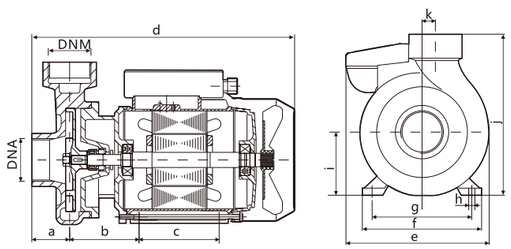
YDK T 14

- 14 — Model Code
- T — Three Phase Motor (Omitted for single-phase motor)
- YDK — Product Style

TECHNICAL DATA (220~240V/50Hz)

Model	Single-phase Motor				n=2850r/min			Dimensions (mm)			
	Input max	Output Power		Current	Q.max	H.max	Suct.max	DNA		DNM	
	kW	kW	HP	A	L/min	m	m	Inch	mm	Inch	mm
1YDK-14	0.55	0.37	0.50	2.5	75	14		1"	25	1"	25
1YDK-20	0.80	0.55	0.75	3.8	90	18	9	1"	25	1"	25
1.5YDK-20	1.10	0.75	1.00	5.2	260	18		1.5"	40	1.5"	40

Other voltages and frequencies available on request.

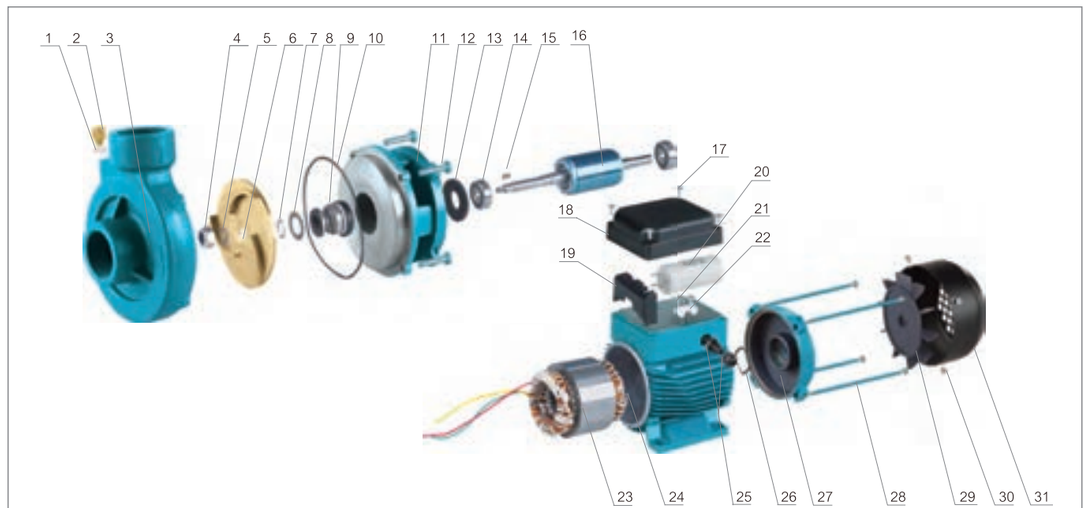


OVERALL & INSTALLATION DIMENSIONS

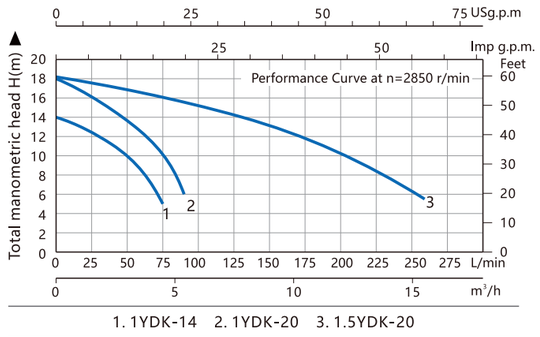
Model	Dimensions (mm)									
	a	b	c	d	e	f	g	h	i	j
1YDK-14	44	77	80	260	148	118	100	10	63	173
1YDK-20	44	78	90	298	168	136	112	10	71	191
1.5YDK-20	43	78	90	298	168	136	112	10	71	191

SISTEMA

MATERIALS TABLE



HYDRAULIC PERFORMANCE CURVES



1. 1YDK-14 2. 1YDK-20 3. 1.5YDK-20

NO.	DESCRIPTION	NO.	DESCRIPTION
1	Filling Plug	17	Screw For Terminal Box
2	"O" Ring For Filling Plug	18	Terminal Cover
3	Pump Body	19	Terminal Board
4	Impeller Stop Nut	20	Capacitor
5	Plain Washer	21	Screw For Cable Presser
6	Impeller	22	Cable Presser
7	Circlip	23	Stator With Winding
8	Plain Washer	24	Motor Housing
9	Mechanical Seal	25	Cable Gland
10	"O" Ring For Pump Body	26	Adjusting Ring
11	Motor Bracket	27	Rear Cover
12	Motor Bracket-Pump Body Screw	28	Motor Tie-Rod
13	Splash Guard	29	Fan
14	Ball Bearing	30	Screw For Fan Cover
15	Key	31	Fan Cover
16	Shaft And Rotor		

PACKAGE INFORMATION

Model	Package dimensions & G.W. (mm)				MOQ Kraft carton
	L	W	H	kg	pcs
1YDK-14	300	175	210	7.4	300
1YDK-20	328	173	214	11.2	200
1.5YDK-20	325	175	215	13.0	200

ISC Series
SELF-PRIMING CENTRIFUGAL PUMP

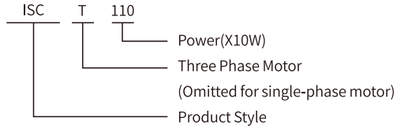
OPERATING CONDITIONS
- Liquid temperature up to 40°C
- Ambient temperature up to 40°C
- Submersion depth 5m
- Continuous duty

PUMP
- Pump Body: Cast Iron
- Impeller: cast iron
- Mechanical Seal: Carbon / Ceramic / Stainless Steel

MOTOR
- Built-in overload motor protector with automatic reset
- Motor efficiency: IE1,IE2/IE3 • Permanent split capacitor
- Insulation:Class F • Protection:IPX4
- Shaft: AISI304/AISI420/AISI1045

ADVANTAGES & FEATURES
- Self-priming
- Able to drain infiltrating water, cellars or reservoirs, clean or slightly dirty water and for garden irrigation.
- Built-in check valve prevent siphon effect when stopping and ensure re-starting each time.

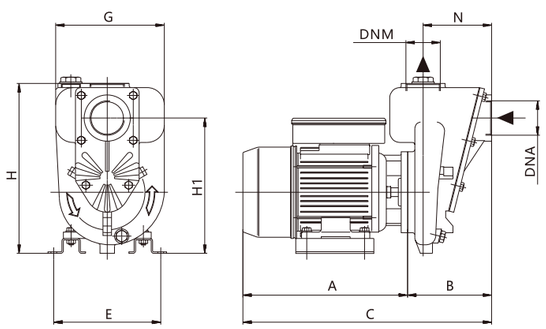
IDENTIFICATION CODES



TECHNICAL DATA

Type		Nominal Power		Input Power	Ampere		Q = capacity											
Single-phase	Three-phase	P2		P1	Single-phase	Three-phase	m^3/h	3	6	12	18	24	36	48	60	72	84	96
							lt/1′	50	100	200	300	400	600	800	1000	1200	1400	1600
230V-50Hz	230/400V-50Hz	HP	kW	kW	1x230V	3x400V		Total head in meters w.c.										
ISC110	ISCT110	1.5	1.1	1.8	8.2	3.7	H (m)	18.5	18	16	13.5	10.5	-	-	-	-	-	-
ISC150	ISCT150	2	1.5	2.1	9.5	4.5			18.5	17	15	12	4	-	-	-	-	-
ISC220	ISCT220	3	2.2	3.3	15	5.7					15	14	13	11	6	-	-	-
-	ISCT400	5.5	4	5.7		8.8				24	23	22	21	19	17	14	11	-
-	ISCT550	7.5	5.5	8.5		14					26.5	26	25	24	22.5	21	19	16.5

Other voltages and frequencies available on request.

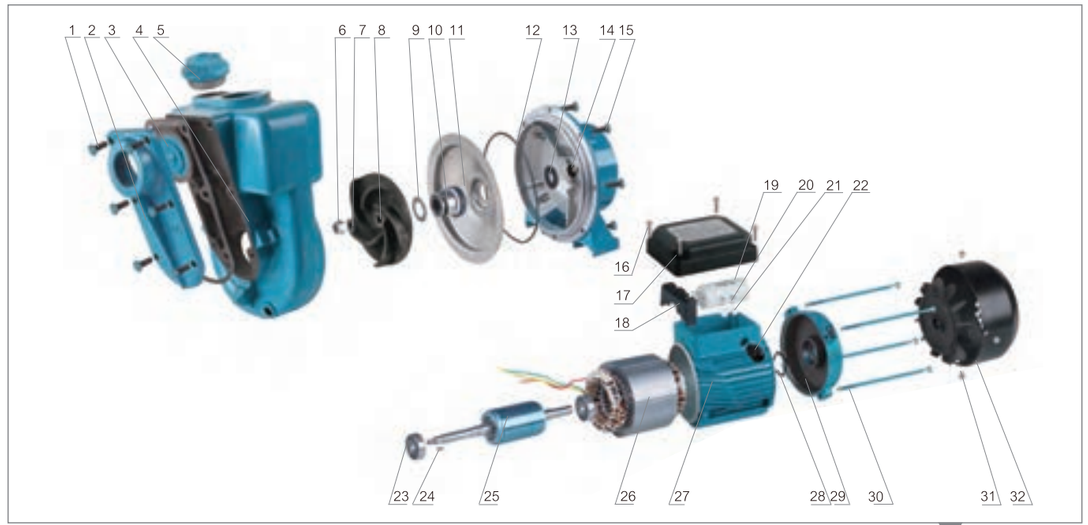


OVERALL & INSTALLATION DIMENSIONS

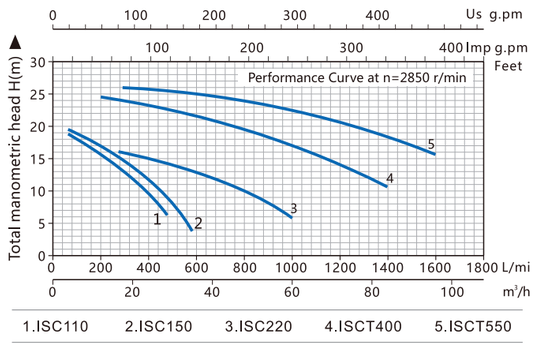
Model		Dimensions (mm)							
Single phase	Three phase	DNA	DNM	C	E	G	H	H1	N
ISC110	ISCT110	2"	2"	412	185	193	302	240	122
ISC150	ISCT150	2"	2"	412	185	193	302	240	122
ISC220	ISCT220	3"	3"	528	200	193	312	220	150
-	ISCT400	3"	3"	648	185	280	442	348	185
-	ISCT550	3"	3"	705	210	280	465	373	185

SISTEMA

MATERIALS TABLE



HYDRAULIC PERFORMANCE CURVES



1.ISC110 2.ISC150 3.ISC220 4.ISCT400 5.ISCT550

NO.	DESCRIPTION	NO.	DESCRIPTION
1	Hex Bolt For Flange	18	Terminal Block
2	Flange	19	Capacitor
3	Gasket	20	Screw For Cable Presser
4	Pump Body	21	Cable Presser
5	Filling Plug	22	Cable Gland
6	Impeller Stop Nut	23	Bearing
7	Plain Washer	24	Key
8	Impeller	25	Rotor With Shaft
9	Plain Washer	26	Stator With Winding
10	Mechanical Seal	27	Motor Housing
11	M-seal Holding Disc	28	Adjusting Ring
12	O-ring For Pump Body	29	Rear Cover
13	Splash Guard	30	Motor Tie-rod
14	Motor Bracket	31	Fan
15	Hex Bolt For Pump Body	32	Fan Cover
16	Screw For T-box		
17	Terminal Box		

PACKAGE INFORMATION

Model		Package dimensions & G.W. (mm)				MOQ Kraft carton
Single phase	Three phase	L	W	H	kg	pcs
ISC110	ISCT110	420	220	330	26	100
ISC150	ISCT150	420	220	330	28	100
ISC220	ISCT220	420	220	330	36	100
-	ISCT400	655	490	360	71	100
-	ISCT550	730	490	360	92	100

YDSM2 Series

DUAL IMPELLER CENTRIFUGAL PUMP

OPERATING CONDITIONS

- Liquid temperature up to 60°C
- Ambient temperature up to 40°C
- Continuous duty
- pH: 6.5 to 8.5

PUMP

- Pump Body: Cast Iron
- Impeller: Brass
- Mechanical Seal: Carbon / Ceramic / Stainless Steel
- Front bracket :cast iron

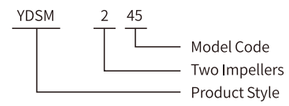
MOTOR

- Single Phase: IE1,IE2/IE3
- Heavy Duty Continuous Work
- Motor Housing: Aluminum
- Shaft: AISI304/AISI420/AISI1045
- Insulation: Class B / Class F
- Protection: IPX4
- Cooling: External Ventilation

ADVANTAGES & FEATURES

- Double impeller centrifugal pump, satisfies the requirement of high head.
- Compact structure

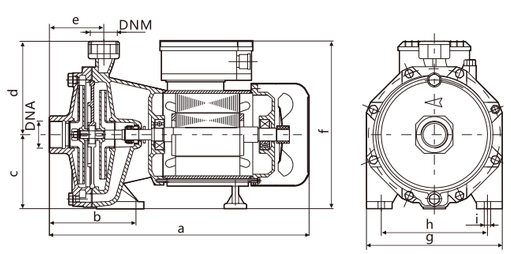
IDENTIFICATION CODES



TECHNICAL DATA (220~240V/50Hz)

Model		Single-phase Motor				n=2850r/min			Dimensions (mm)			
		Input max	Output Power		Current	Q.max	H.max	Suct.max	DNA		DNM	
		kW	kW	HP	A	L/min	m	m	Inch	mm	Inch	mm
YDSM2-45	CB100	1.1	0.75	1.0	5.2	90	35	9	1"	25	1"	25
YDSM2-52	CB160	1.5	1.1	1.5	7.0	105	45		1.25"	32	1"	25
YDSM2-60A	-	2.0	1.5	2.0	9.6	105	50		1.25"	32	1"	25
YDSM2-60J	CB210	2.0	1.5	2.0	9.6	130	50		1.25"	32	1"	25
YDSM2-68	CB310	2.9	2.2	3.0	13.9	150	60		1.5"	40	1.25	32
YDSM2-68J	-	2.9	2.2	3.0	13.9	235	50		2"	50	2"	50
YDSM2-70T	CBT400	4.5	3	4.0	7.65	215	68		1.5"	40	1.25"	32
YDSM2-80T	CBT600	5.5	4	4.5	9.45	235	75		1.5"	40	1.25"	32

Other voltages and frequencies available on request.

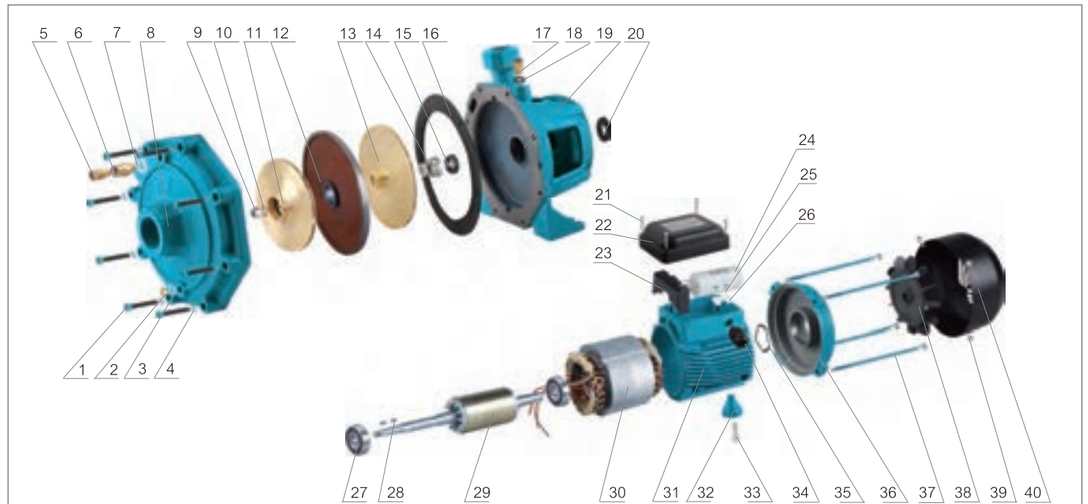


OVERALL & INSTALLATION DIMENSIONS

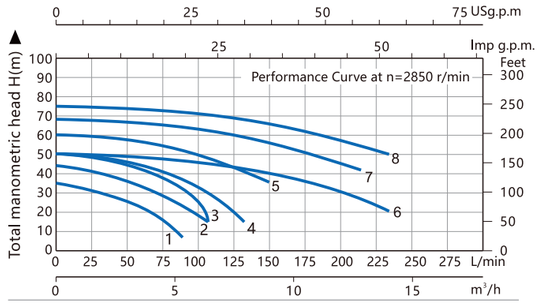
Model	Dimensions (mm)									
	a	b	c	d	e	f	g	h	i	j
YDSM2-45	379	135	110	153	84	263	225	185	11	--
YDSM2-52	400	140	115	148	86	256	210	165	10	--
YDSM2-60A	400	140	115	148	86	256	210	165	10	–
YDSM2-60J	400	140	115	148	86	256	210	165	10	–
YDSM2-68	450	160	140	175	90	320	240	200	14	–
YDSM2-68J	450	160	140	175	90	320	240	200	14	--
YDSM2-70	502	145	136	184	96	270	266	212	14	--
YDSM2-80	502	145	136	184	96	270	266	212	14	--

SISTEMA®

MATERIALS TABLE



HYDRAULIC PERFORMANCE CURVES



1. YDSM2-45 2. YDSM2-52 3. YDSM2-60A 4. YDSM2-60J
5. YDSM2-68 6. YDSM2-68J 7. YDSM2-70 8. YDSM2-80

NO.	DESCRIPTION	NO.	DESCRIPTION	NO.	DESCRIPTION
1	Screw For Pump Body	18	"O" Ring For Filling Plug	35	Adjusting Ring
2	Drain Plug	19	Front Cover	36	Motor End Cover
3	"O" Ring For Drain Plug	20	Splash Guard	37	Motor Tie-Rod
4	"O"Ring For Pump Body Screw	21	Screw For Termianl Cover	38	Fan
5	Fulling Plug 1 Top	22	Terminal Cover	39	Screw For Fan Cover
6	Fulling Plug 1 Base	23	Terminal Board	40	Fan Cover
7	"O" Ring For Fulling Plug	24	Capacitor		
8	Pump Body	25	Screw For Cable Presser		
9	Nut For Impeller /Impeller Stop Nut	26	Cable Presser		
10	Plain Washer	27	Ball Bearing		
11	Impeller	28	Key		
12	Holding Disc	29	Shaft And Rotor		
13	Impeller	30	Stator With Winding		
14	Mechanical Seal Moving Part	31	Motor Housing		
15	Mechanical Seal Static Part	32	Foot		
16	Pump Cover Gasket	33	Screw For Foot		
17	Filling Plug 2	34	Cable Gland		

PACKAGE INFORMATION

Model	Package dimensions & G.W. (mm)				MOQ Kraft carton
	L	W	H	kg	pcs
YDSM2-45	370	200	257	18.8	200
YDSM2-52	435	250	320	23.5	100
YDSM2-60A	435	250	320	25.0	100
YDSM2-60J	435	250	320	25.0	100
YDSM2-68	475	250	340	31.0	50
YDSM2-68J	481	266	355	34.95	50
YDSM2-70	58	33	37	45.5	50
YDSM2-80	58	33	37	47.5	50

YDMB Series

DUAL IMPELLER CENTRIFUGAL PUMP

OPERATING CONDITIONS

- Liquid temperature up to 60°C
- Ambient temperature up to 40°C
- Continuous duty
- pH: 6.5 to 8.5

PUMP

- Pump Body: Cast Iron
- Impeller: Brass
- Mechanical Seal: Carbon / Ceramic / Stainless Steel
- Front bracket :cast iron

MOTOR

- Single Phase: IE1,IE2/IE3
- Heavy Duty Continuous Work
- Motor Housing: Aluminum
- Shaft: AISI304/AISI420/AISI1045
- Insulation: Class B / Class F
- Protection: IPX4
- Cooling: External Ventilation

ADVANTAGES & FEATURES

- Double impeller centrifugal pump, satisfies the requirement of high head.
- Compact structure

IDENTIFICATION CODES

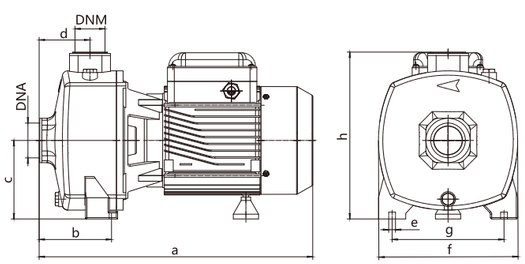
YDMB T 150

- 150 — Power(÷100HP)
- T — Three Phase Motor (Omitted for single-phase motor)
- YDMB — Product Style

TECHNICAL DATA (220~240V/50Hz)

Model	Single-phase Motor				n=2850r/min			Dimensions (mm)			
	Input max	Output Power		Current	Q.max	H.max	Suct.max	DNA		DNM	
	kW	kW	HP	A	L/min	m	m	Inch	mm	Inch	mm
YDMB-150	1.5	1.1	1.5	7.0	150	38		1.5"	40	1.25"	32
YDMB-200	2.1	1.65	2	9.8	155	42	9	1.5"	40	1.25"	32
YDMB-300	2.9	2.2	3	13.6	200	48		1.5"	40	1.25"	32

Other voltages and frequencies available on request.

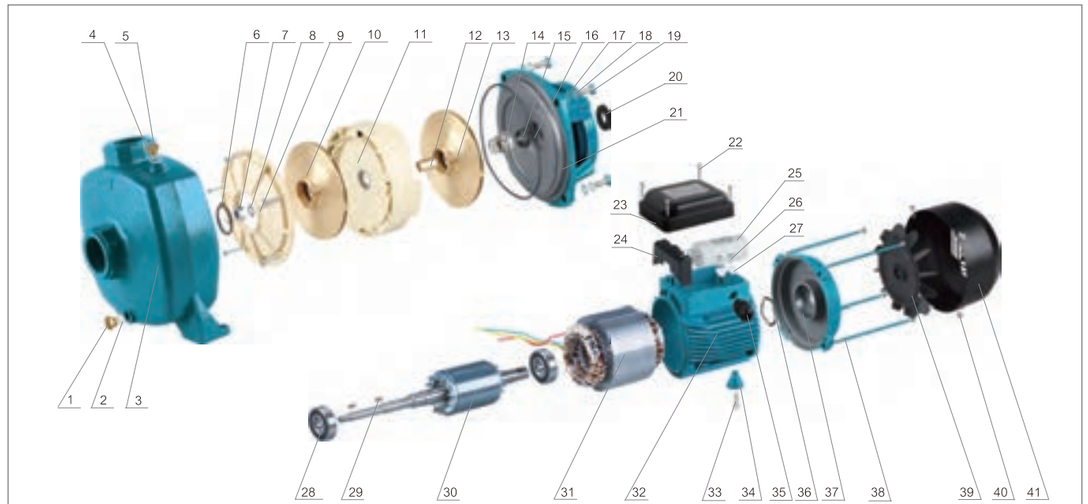


OVERALL & INSTALLATION DIMENSIONS

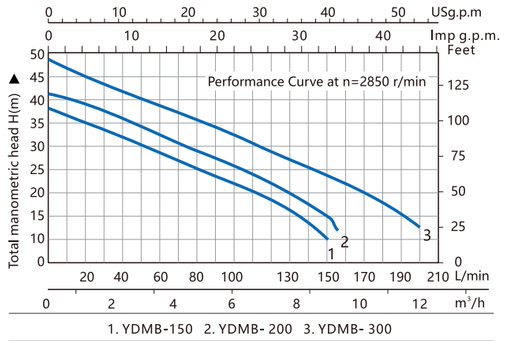
Model	Dimensions (mm)							
	a	b	c	d	e	f	g	h
YDMB-150	405	105	115	73	10	204	165	243
YDMB-200	405	105	115	73	10	204	165	243
YDMB-300	405	105	115	73	10	204	165	243

SISTEMA®

MATERIALS TABLE



HYDRAULIC PERFORMANCE CURVES



1. YDMB-150 2. YDMB- 200 3. YDMB- 300

NO.	DESCRIPTION	NO.	DESCRIPTION	NO.	DESCRIPTION
1	Drain Plug	18	Spring Washer	35	Cable Gland
2	"O" Ring For Drain Plug	19	Screw For Motor Bracket	36	Adjusting Ring
3	Pump Bdoy	20	Splash Guard	37	Rear Cover
4	Filling Plug	21	Motor Bracket	38	Motor Tie -Rod
5	"O" Ring For Filling Plug	22	Screw For Terminal Box	39	Fan
6	"O"Ring For Diffuser	23	Terminal Cover	40	Screw Of Fan Cover
7	Impeller Nut	24	Terminal Board	41	Fan Cover
8	Plain Washer	25	Capacitor		
9	Diffuser Cover	26	Screw For Cable Presser		
10	Impeller	27	Cable Presser		
11	Diffuser	28	Ball Bearing		
12	Shaft Sleeve	29	Key		
13	Impeller	30	Shaft And Rotor		
14	M-Seal(Moving Part)	31	Stator With Winding		
15	M-Seal(Static Part)	32	Motor Housing		
16	"O"Ring For Pump Body	33	Screw For Foot		
17	Plain Washer	34	Foot		

PACKAGE INFORMATION

Model	Package dimensions & G.W. (mm)				MOQ Kraft carton
	L	W	H	kg	pcs
YDMB-150	480	230	285	20	100
YDMB-200	480	230	285	22	100
YDMB-300	480	230	285	24	50

YCND Series

CENTRIFUGAL PUMP
HIGH EFFICIENCY

OPERATING CONDITIONS

- Liquid temperature up to 60°C
- Ambient temperature up to 40°C
- Continuous duty
- pH: 6.5 to 8.5

PUMP

- Pump Body: Cast Iron
- Impeller: Techno-polymer(P.P.O)
- Mechanical Seal: Carbon / Ceramic / Stainless Steel
- Front bracket :cast iron

MOTOR

- Single Phase: IE1,IE2/IE3
- Heavy Duty Continuous Work
- Motor Housing: Aluminum
- Shaft: AISI304/AISI420/AISI1045
- Insulation: Class B / Class F
- Protection: Ip22
- Cooling: External Ventilation

ADVANTAGES & FEATURES

- High efficiency
- Built-in cooling fan, more quiet more cool.
- Compact structure
- Motor in NEMA standard
- Running capacitor design easy starting, no headache for centrifugal switch NG

IDENTIFICATION CODES

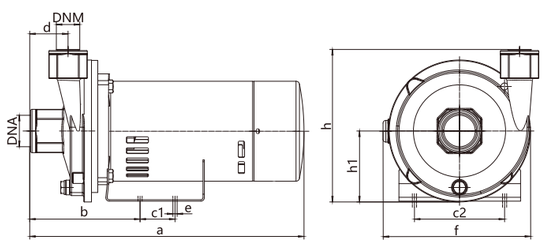
YCND 24/05 - 1Z

- Single Phase Motor (Omitted for three-phase motor)
- Model Code
- Product Style

TECHNICAL DATA (220~240V/60Hz)

Model	Single-phase Motor				n=2850r/min			Dimensions (mm)			
	Input max	Output Power		Current	Q.max	H.max	Suct.max	DNA		DNM	
	kW	kW	HP	A	L/min	m	m	Inch	mm	Inch	mm
YCND-24/05-1Z	0.80	0.37	0.5	3.8	150	22	9	1.25"	32	1"	25
YCND-24/07-1Z	1.10	0.55	0.75	5.2	150	25		1.25"	32	1"	25
YCND-35/10-1Z	1.50	0.75	1.0	7.2	200	29		1.25"	32	1"	25
YCND-35/15-1Z	1.80	1.1	1.5	8.7	300	30		1.5"	40	1.25"	32
YCND-60/20-1Z	2.10	1.5	2.0	10	350	34		1.5"	40	1.25"	32
YCND-60/25-1Z	2.40	1.85	2.5	11.5	350	38		2"	50	1.5"	40

Other voltages and frequencies available on request.

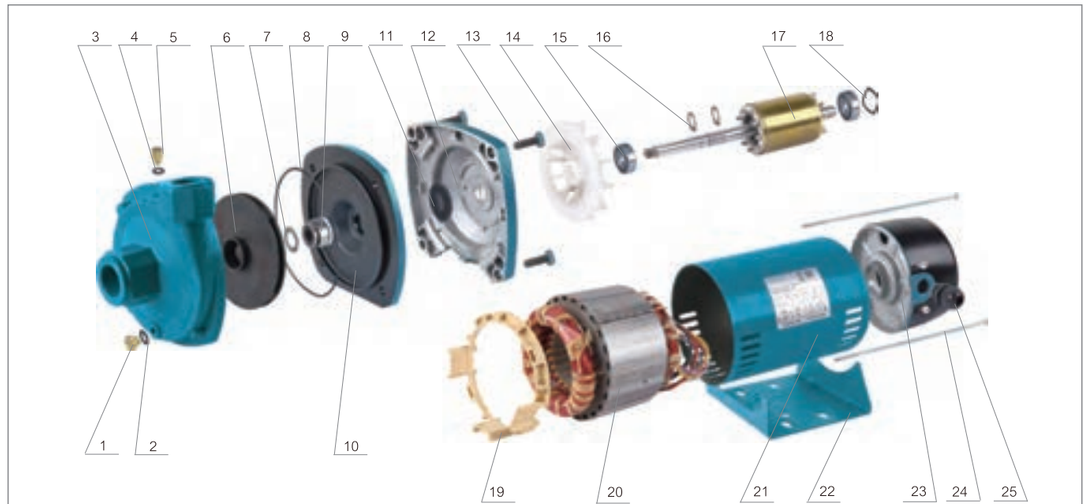


OVERALL & INSTALLATION DIMENSIONS

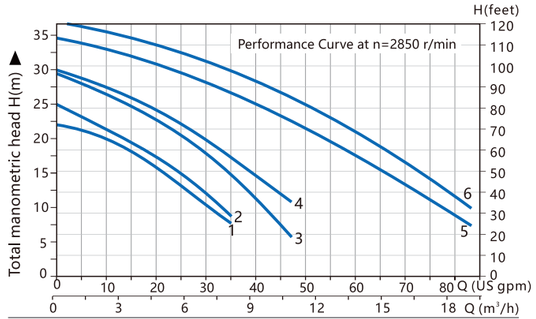
Model	Dimensions (mm)								
	a	b	c1	c2	d	e	f	h	h1
YCND-24/05-1Z	395	153	50	120	54	8	211	216	100
YCND-24/07-1Z	395	153	50	120	54	8	211	216	100
YCND-35/10-1Z	425	153	50	120	54	8	211	216	100
YCND-35/15-1Z	425	153	50	120	54	8	211	216	100
YCND-60/20-1Z	470	167	50	120	74	8	226	220	100
YCND-60/25-1Z	470	167	50	120	74	8	226	220	100

SISTEMA®

MATERIALS TABLE



HYDRAULIC PERFORMANCE CURVES



1. YCND-24/05-1Z 2. YCND-24/07-1Z 3. YCND-35/10-1Z
4. YCND-35/15-1Z 5. YCND-60/20-1Z 6. YCND-60/25-1Z

NO.	DESCRIPTION	NO.	DESCRIPTION
1	Drain Plug	16	Circlip
2	"0" Ring For Drain Plug	17	Shaft And Rotor
3	Pump Body	18	Adjusting Ring
4	"O" Ring For Filling Plug	19	Air Deflector
5	Filling Plug	20	Stator
6	Impeller	21	Motor Case
7	Plain Washer	22	Motor Bracket
8	"O" Ring For Pump Body	23	Motor End Cover
9	Mechanical Seal	24	Hex Bolt
10	M-Seal Disck Holder	25	Screw For Fan Cover
11	Splash Guard		
12	Motor Front Bracket		
13	Screw For Terminal Box Fixing		
14	Fan		
15	Ball Bearing		

PACKAGE INFORMATION

Model	Package dimensions & G.W. (mm)				MOQ Kraft carton
	L	W	H	kg	pcs
YCND-24/05-1Z	445	261	266	15.0	300
YCND-24/07-1Z	445	261	266	16.0	200
YCND-35/10-1Z	480	260	305	17.2	200
YCND-35/15-1Z	480	260	305	19.1	200
YCND-60/20-1Z	483*	270*	300*	21.2	100
YCND-60/25-1Z	483*	270*	300*	22.4	100

YDSM-ST Series

STAINLESS STEEL CENTRIFUGAL PUMP

OPERATING CONDITIONS

- Liquid temperature up to 60°C
- Ambient temperature up to 40°C
- Continuous duty
- pH: 6.5 to 8.5

PUMP

- Pump Body: stainless steel
- Impeller: stainless steel
- Mechanical Seal: Carbon / Ceramic / Stainless Steel
- Front bracket: Aluminum

MOTOR

- Single Phase: IE1,IE2/IE3
- Heavy Duty Continuous Work
- Motor Housing: Aluminum
- Shaft: AISI304/AISI420/AISI1045
- Insulation: Class B / Class F
- Protection: IPX4
- Cooling: External Ventilation

ADVANTAGES & FEATURES

- Stainless steel pump body and impeller.
- High efficiency
- Compact structure
- Good for water purify system, food industry and chemical

IDENTIFICATION CODES

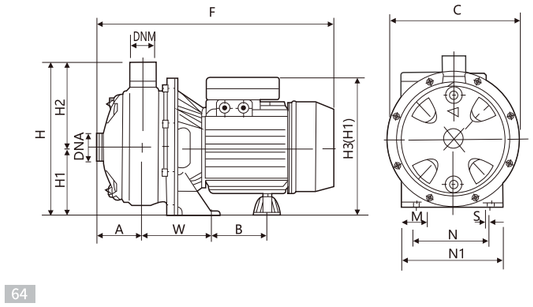
YDSM T 18ST

- Model Code
- Three Phase Motor (Omitted for single-phase motor)
- Product Style

TECHNICAL DATA (220~240V/50Hz)

Model	Single-phase Motor				n=2850r/min			Dimensions (mm)			
	Input max	Output Power		Current	Q.max	H.max	Suct.max	DNA		DNM	
	kW	kW	HP	A	L/min	m	m	Inch	mm	Inch	mm
YDSM-18ST	0.55	0.37	0.50	2.5	100	18	9	1.25"	32	1"	25
YDSM-20ST	0.80	0.55	0.75	3.8	110	20		1.25"	32	1"	25
YDSM-26ST	1.10	0.75	1.00	5.2	120	26		1.25"	32	1"	25
YDSM-34ST	1.50	1.10	1.50	7.0	140	34		1.25"	32	1"	25
YDSM-37ST	2.00	1.50	2.00	9.6	160	39		1.25"	32	1"	25

Other voltages and frequencies available on request.

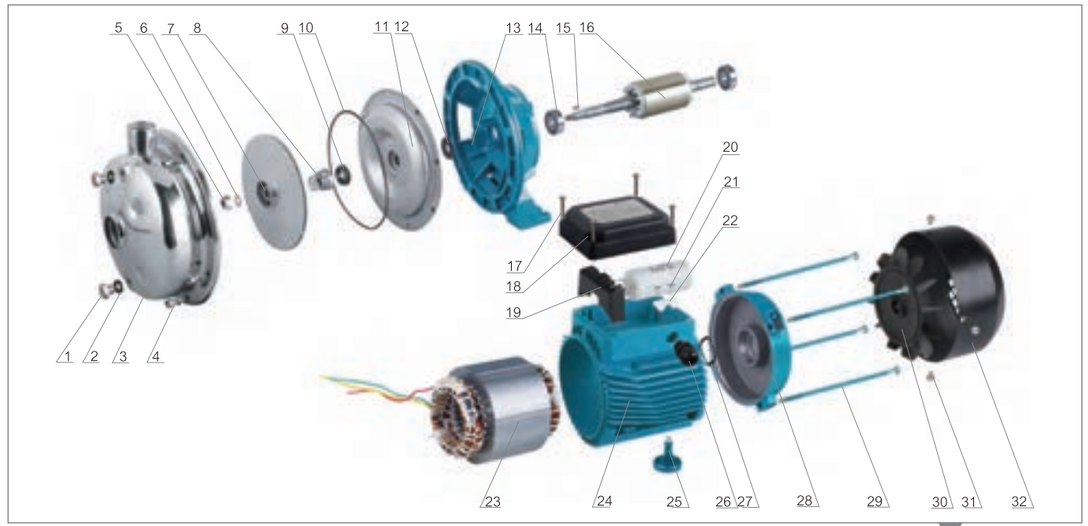


OVERALL & INSTALLATION DIMENSIONS

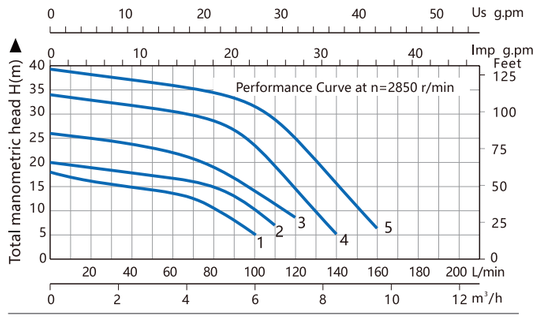
Model	Dimensions (mm)													
	a	c	f	h	h1	h2	h3	h4	m	n	n1	s	w	b
YDSM-18ST	52	213	315	232	108	124	241	213	39	120	158	9	92	82
YDSM-20ST	52	213	315	232	108	124	241	213	39	120	158	9	92	82
YDSM-26ST	52	213	315	232	108	124	241	213	39	120	158	9	92	82
YDSM-34ST YDSM-37ST	52	240	365	257	120	137	241	213	39	140	180	9	92	82

SISTEMA®

MATERIALS TABLE



HYDRAULIC PERFORMANCE CURVES



1. YDSM-18ST 2. YDSM-20ST 3. YDSM-26ST 4. YDSM-34ST 5.YDSM-37ST

NO.	DESCRIPTION	NO.	DESCRIPTION
1	Air Screw	18	Terminal Box
2	O-Ring For Air Screw	19	Terminal Block
3	Pump Body	20	Capacitor
4	Hex Bolt	21	Screw For Cable Presser
5	Impeller Stop Nut	22	Cable Presser
6	Plain Washer	23	Stator With Winding
7	Impeller	24	Motor Housing
8	M-Seal Rotating Part	25	Motor Foot
9	M-Seal Static Ring	26	Cable Gland
10	Pump Body O-Ring	27	Adjusting Ring
11	M-Seal Holding Disc	28	Rear Cover
12	Splash Guard	29	Motor Tie-Rod
13	Motor Bracket	30	Fan
14	Bearing	31	Fan Cover Screw
15	Key	32	Fan cover
16	Shaft And Rotor		
17	Screw For T-Box		

PACKAGE INFORMATION

Model	Package dimensions & G.W. (mm)				MOQ Kraft carton
	L	W	H	kg	pcs
YDSM-18ST	390	220	270	12.0	300
YDSM-20ST	390	220	270	12.5	200
YDSM-26ST	390	220	270	13.5	200
YDSM-34ST YDSM-37ST	400	250	325	24.0	100

BB/BK Series

STAINLESS STEEL CENTRIFUGAL PUMP

OPERATING CONDITIONS

- Liquid temperature: -15°C~+80°C
- Ambient temperature up to 40°C
- Continuous duty
- Max. working pressure:8bar

PUMP

- Pump Body: SUS304
- Impeller: SUS304
- Mechanical Seal: Carbon / Ceramic / Stainless Steel

MOTOR

- Heavy Duty Continuous Work
- Motor efficiency: IE1,IE2/IE3
- Motor Housing: Aluminum
- Shaft: AISI304/AISI420/AISI1045
- Insulation: Class B / Class F
- Protection: IPX4
- Cooling: External Ventilation

ADVANTAGES & FEATURES

- Stainless steel pump body and impeller.
- High efficiency large flow
- Compact structure

IDENTIFICATION CODES

BB/BK 200 D

- D: single phase
  Without D: three phase
- Motor Power: 2HP
- BB close impeller pump
- BK Semi-open impeller pump

TECHNICAL DATA (220~240V/50Hz)

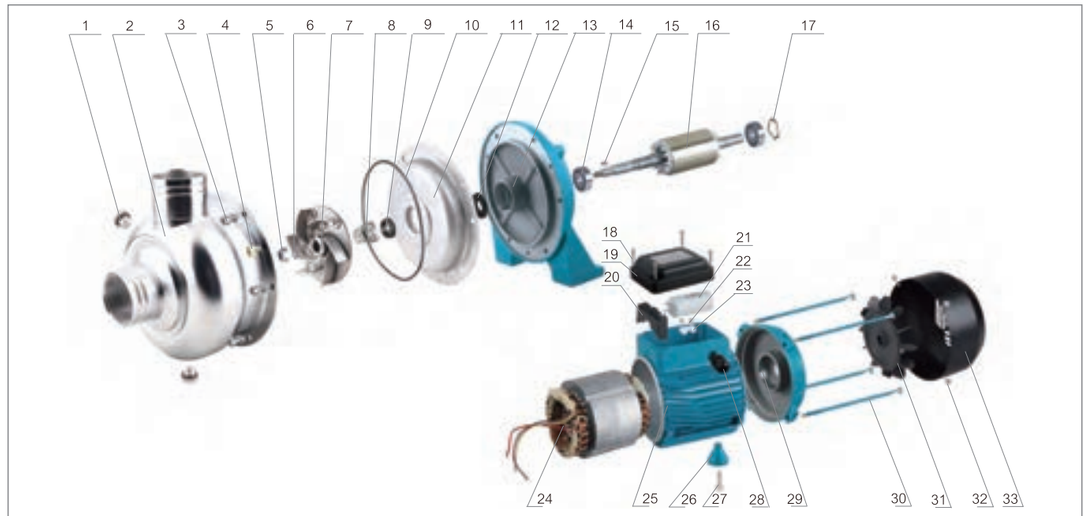
Model		Single-phase Motor				n=2850r/min			Dimensions (mm)			
Single phase	Three phase	Input max	Output Power		Current	Q.max	H.max	Suct.max	DNA		DNM	
		kW	kW	HP	A	L/min	m	m	Inch	mm	Inch	mm
BB75D	BB75	0.8	0.55	0.75	3.8	300	11	9	1.5"	40	1.5"	40
BB100D	BB100	1.1	0.75	1	5.2	335	15		1.5"	40	1.5"	40
BB150D	BB150	1.5	1.1	1.5	7	385	18.5		2"	50	2"	50
BB200D	BB200	2	1.5	2	9.6	395	21		2"	50	2"	50
BB300D	BB300	2.8	2.2	3	13.6	480	23		2"	50	2"	50
BB400D	BB400	3.4	3	4	16.5	480	27		2"	50	2"	50

Model		Single-phase Motor				n=2850r/min			Dimensions (mm)			
Single phase	Three phase	Input max	Output Power		Current	Q.max	H.max	Suct.max	DNA		DNM	
		kW	kW	HP	A	L/min	m	m	Inch	mm	Inch	mm
BK100D	BK100	1.1	0.75	1	5.2	320	10	9	1.5"	40	1.5"	40
BK120D	BK120	1.3	0.9	1.2	5.8	320	12		1.5"	40	1.5"	40
BK150D	BK150	1.5	1.1	1.5	7	380	13		2"	50	2"	50
BK200D	BK200	2	1.5	2	9.6	430	16		2"	50	2"	50
BK300D	BK300	2.8	2.2	3	13.6	460	18		2.5"	65	2"	50
BK400D	BK400	3.4	3	4	16.5	480	20		2.5"	65	2"	50

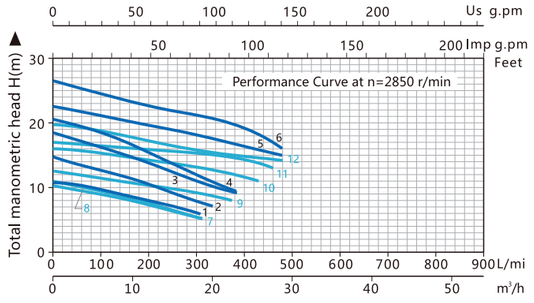
Other voltages and frequencies available on request.

SISTEMA®

MATERIALS TABLE



HYDRAULIC PERFORMANCE CURVES



1.BB75D 2.BB100D 3.BB150D 4.BB200D 5.BB300D 6.BB400D
7.BK100D 8.BK120D 9.BK150D 10.BK200D 11.BK300D 12.BK400D

NO.	DESCRIPTION	NO.	DESCRIPTION
1	Air Screw	18	Screw For Terminal Box
2	Pump Body	19	Terminal Cover
3	Hex Bolt	20	Terminal Board
4	Hex Bolt Big	21	Capacitor
5	Impller Stop Nut	22	Screw For Cable Presser
6	Plain Washer	23	Cable Presser
7	Impeller	24	Stator With Winding
8	M-Seal Moving Part	25	Motor Housing
9	M-Seal Static Part	26	Motor Foot
10	"O" Ring For Pump Body	27	Screw For Motor Foot
11	M-Seal Disck Holder	28	Cable Gland
12	Splash Guard	29	Motor End Cover
13	Motor Bracket	30	Motor Tie-Rod
14	Ball Bearing	31	Fan
15	Key	32	Screw For Fan Cover
16	Shaft And Rotor	33	Fan Cover
17	Adjusting Ring		

PACKAGE INFORMATION

Model	Package dimensions & G.W. (mm)				MOQ Kraft carton
	L	W	H	kg	pcs
BB75D	390	230	300	8	300
BB/BK100D	390	230	300	9.2	200
BK120D	430	250	325	13 *	200
BB/BK150D	430	250	325	16	100
BB/BK200D	430	250	325	17.4	100
BB/BK300D	465	230	303	25.56	50
BB/BK400D	490	230	283	28.95*	50

YDMH Series

HORIZONTAL MULTISTAGE PUMP

YDMH 370
- Model Code
- Single Phase Motor (Omitted for three-phase motor)
- Product Style

OPERATING CONDITIONS

- Thin, clean, non-flammable and non-explosive liquid containing no solid granules and fiber.
- Liquid temperature:
  Normal temperature type: -15°C~+70°C
  Hot temperature type: -15°C~120°C
- Ambient temp up to 40°C
- Altitude:up to 1,000m

MATERIALS

- Pump body in AISI304 stainless steel.
- Motor shaft in AISI420 stainless steel.
- Diffusers in techno-polymer.
- Impeller in AISI304 or Techno-polymer.
- Suction and discharge mountings in cast iron.
- Mechanical seal in graphite and ceramic.
- Gaskets in EPDM and NBR.
- Motor casing aluminum.

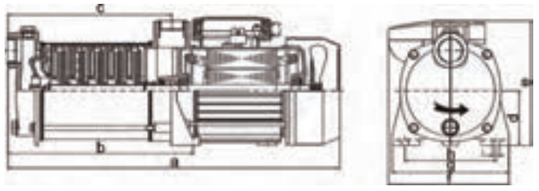
ELECTRIC MOTOR

- Motor efficiency: IE1,IE2/IE3
- Full-enclosed air-blast
- Two-pole standard motor
- Protection class:IP55
- Insulation class:F
- Standard voltage,50Hz:
  1X220-230/240V
  3X220-240/346-380V
  3X220-240/380-415V
  3X380-415V

TECHNICAL DATA (220~240V/50Hz)

Model	Single-phase Motor				n=2850r/min			Dimensions (mm)			
	Input max	Output Power		Current	Q.max	H.max	Suct.max	DNA		DNM	
	kW	kW	HP	A	L/min	m	m	Inch	mm	Inch	mm
YDMH-370	0.55	0.37	0.5	2.5	60	30		1"	25	1"	25
YDMH-550	0.8	0.55	0.74	3.8	60	40		1"	25	1"	25
YDMH-750	1.1	0.75	1	5.2	65	50		1"	25	1"	25
YDMH-1000	0.6	0.4	0.53	3.0	80	20		1"	25	1"	25
YDMH-1100	1.0	0.65	0.9	4.6	80	33		1"	25	1"	25
YDMH-1200	1.2	0.75	1.0	5.5	80	43	8	1"	25	1"	25
YDMH-1300	1.3	0.90	1.25	6.0	80	52		1"	25	1"	25
YDMH-1500	1.5	1.10	1.5	7.0	80	65		1"	25	1"	25
YDMH-1800	1.5	1.1	1.5	9.8	180	50		1.25"	32	1.25"	32
YDMH-2200	2.1	1.65	2.2	12.5	180	60		1.25"	32	1.25"	32
YDMH-3000	2.9	2.2	3	13.6	190	70		1.25"	32	1.25"	32

Other voltages and frequencies available on request.

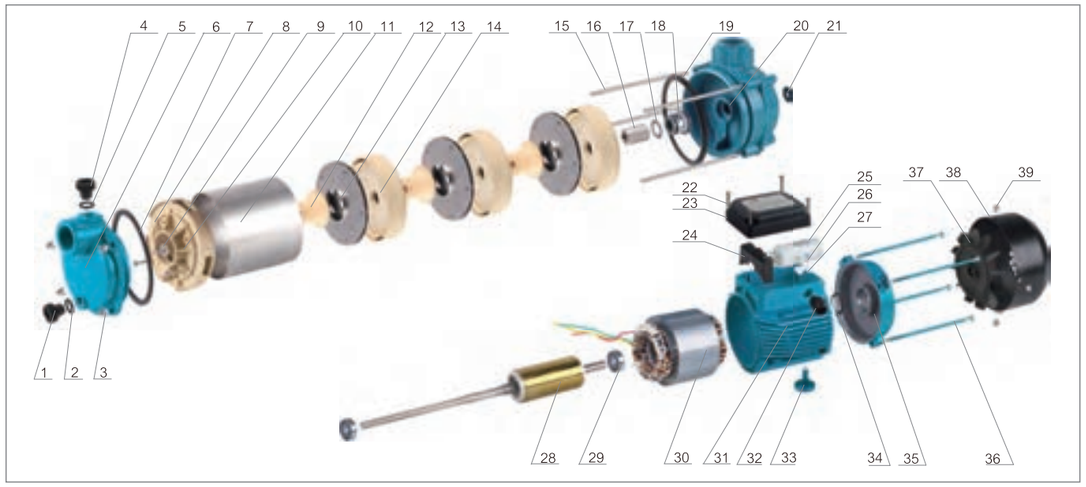


OVERALL & INSTALLATION DIMENSIONS

Model	Dimensions (mm)								
	a	b	c	d	e	f	g	h	i
YDMH-370	389	205	187	63	165	--	140	108	10
YDMH-550	413	228.5	210.5	63	165	--	140	108	10
YDMH-750	437	252	234	63	165	--	140	108	10
YDMH-1000	361	163	141	71	164	158	152	119	9
YDMH-1100	385	187	165	71	164	158	152	119	9
YDMH-1200	410	212	189.5	71	164	158	152	119	9
YDMH-1300	434	236	214	71	164	158	152	119	9
YDMH-1500	458	260	238	71	164	158	152	119	9
YDMH-1800	435.5	218	187.5	94	223	--	165	130	12
YDMH-2200	460	242.5	212	94	223	--	165	130	12
YDMH-3000	484.5	267	236.5	94	223	--	165	130	12

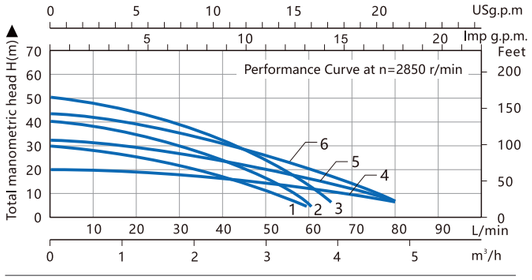
SISTEMA

MATERIALS TABLE

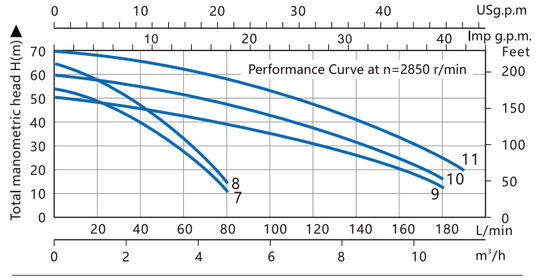


NO.	DESCRIPTION	NO.	DESCRIPTION	NO.	DESCRIPTION	NO.	DESCRIPTION	NO.	DESCRIPTION
1	Drain plug	9	Gasket	17	Plain washer	25	Capacitor	33	Foot
2	"0" ring for drain plug	10	Diffuser	18	Mechanical seal	26	Screw for cable presser	34	Adjusting ring
3	Nut	11	Pump body	19	O-ring for front cover	27	Cable presser	35	Rear cover
4	Filling plug	12	Shaft sleeve	20	Front cover	28	Shaft and rotor	36	Motor tie-rod
5	"O" ring for filling plug	13	Impeller	21	Splash guard	29	Ball bearing	37	Fan
6	Pump cover	14	Diffuser	22	Screw for terminal box	30	Stator with winding	38	Fan cover
7	"O" ring for pump cover	15	Tension bar	23	Terminal cover	31	Motor housing	39	Fan cover screw
8	Hex bolt for duffuser	16	Shaft sleeve	24	Terminal block	32	Cable gland		

HYDRAULIC PERFORMANCE CURVES



1. YDMH-370 2.YDMH-550 3.YDMH-750 4. YDMH-1000
5.YDMH-1100 6.YDMH-1200



7.YDMH-1300 8.YDMH-1500 9.YDMH-1800
10.YDMH-2200 11.YDMH-3000

PACKAGE INFORMATION

Model	Package dimensions & G.W. (mm)				MOQ Kraft carton
	L	W	H	kg	pcs
YDMH-370	406	175	205	9	300
YDMH-550	430	175	205	10	200
YDMH-750	454	175	205	11	200
YDMH-1000	401	210	225	13	200
YDMH-1100	425	210	225	13	200
YDMH-1200	450	210	225	14	200
YDMH-1300	470	210	225	15	200
YDMH-1500	475	210	225	16	100
YDMH-1800	490	187	265	19	100
YDMH-2200	515	187	265	20	100
YDMH-3000	540	187	265	21	50

CHM Series

HORIZONTAL MULTISTAGE PUMP

IDENTIFICATION CODES

CHM 5 – 40

- 40 — Stage
- 5 — Rated flow (m^3/h)
- CHM — Light horizontal multistage centrifugal pump(Flow passage components are stainless steel 304L or316L)

OPERATING CONDITIONS

- This pump is applied for thin, clean, non-flammable, non-explosive, solid free, fiber free, physically and chemically water-like liquid.
- Liquid temperature:
  -15°C to 70°C for the normal temperature type
  -15°C to 105°C for the hot water type
- Ambient temp.: up to 40°C
- Max. working pressure:10 bar
- The maximum inlet pressure are limited by the maximum working pressure.

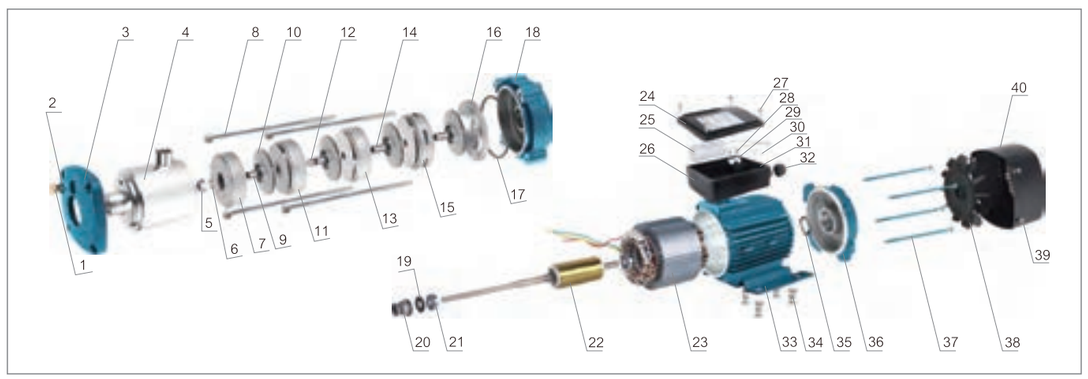
APPLICATION

- CHM series pump is mainly used in industry:
- Air conditional system
- Coaling system
- Industrial cleaning
- Water treatment(Water purification)
- Aquaculture
- Fertilization/measuring system
- Environment application
- Other specific application

MOTOR

- Motor efficiency: IE1,IE2/IE3
- TEFC,2-pole motor;
- Protection class: IP55;
- Insulation class:F;
- Standard voltage:50Hz 1x220V
  3x220V/380V
  3x380V
- Power of single-motor is 2.2kW

MATERIALS TABLE



NO.	DESCRIPTION	NO.	DESCRIPTION	NO.	DESCRIPTION	NO.	DESCRIPTION
1	Air Plug	11	Supporting guide vane	21	Bearing	31	Terminal board
2	Washer for air plug	12	Tungsten bushing	22	Rotor with shaft	32	Sleeve
3	Pump cover	13	Guide vane	23	Stator with windings	33	Motor Foot
4	Pump Body	14	Sleeve	24	Terminal box cover	34	Screw 04
5	Fastening nut	15	Outlet guide vane	25	Capacitor	35	Adjusting ring
6	Flat washer	16	back supporting plate	26	Terminal box base	36	Motor Back Cover
7	Inlet guide vane	17	'O' Ring for front cover	27	Screw 01	37	Motor Through Bolt
8	Bolt	18	Front cover	28	Screw 02	38	Fan
9	Impeller gland	19	Oil seal	29	Cable ramp	39	Screw 05
10	Impeller	20	Mechanical Seal	30	Screw 03	40	Fan cover

CHM TECHNICAL DATA

Model	Rated flow (m^3/h)	H.max (m)	Stages	Rate Power (kW)	Port Size	Motor Frame	MOQ / Kraft carton pcs
CHM1-20	1	10.6	2	0.25	1"x1"	71#	200
CHM1-30	1	16	3	0.25	1"x1"	71#	200
CHM1-40	1	21.2	4	0.37	1"x1"	71#	200
CHM1-50	1	26.5	5	0.37	1"x1"	71#	200
CHM1-60	1	31.5	6	0.37	1"x1"	71#	200
CHM1-70	1	37	7	0.55	1"x1"	71#	200
CHM1-80	1	42.5	8	0.55	1"x1"	71#	200
CHM2-20	2	14	2	0.25	1"x1"	71#	200
CHM2-30	2	21	3	0.37	1"x1"	71#	200
CHM2-40	2	28	4	0.55	1"x1"	71#	200
CHM2-50	2	35	5	0.55	1"x1"	71#	200
CHM2-60	2	42	6	0.75	1"x1"	71#	200
CHM2-70	2	49	7	0.75	1"x1"	71#	200
CHM2-80	2	56	8	1	1"x1"	71#	200
CHM3-20	3	11	2	0.25	1"x1"	71#	200
CHM3-30	3	17	3	0.37	1"x1"	71#	200
CHM3-40	3	23	4	0.55	1"x1"	71#	200
CHM3-50	3	29	5	0.55	1"x1"	71#	200
CHM3-60	3	35	6	0.75	1"x1"	71#	200
CHM3-70	3	41	7	0.75	1"x1"	71#	200
CHM3-80	3	47	8	1	1"x1"	71#	200
CHM4-20	4	15	2	0.37	1.25"x1"	71#	200
CHM4-30	4	22	3	0.55	1.25"x1"	71#	200
CHM4-40	4	30	4	0.75	1.25"x1"	71#	200
CHM4-50	4	38	5	1	1.25"x1"	71#	200
CHM4-60	4	45	6	1.1	1.25"x1"	71#	200
CHM4-70	4	53	7	1.5	1.25"x1"	80#	100
CHM5-20	5	11.5	2	0.37	1.25"x1"	71#	200
CHM5-30	5	17.5	3	0.55	1.25"x1"	71#	200
CHM5-40	5	24	4	0.75	1.25"x1"	71#	200
CHM5-50	5	30	5	1	1.25"x1"	71#	200
CHM5-60	5	37	6	1.1	1.25"x1"	71#	200
CHM5-70	5	42.5	7	1.5	1.25"x1"	80#	100
CHM8-10	8	10	1	0.55	1.5"x1.5"	80#	100
CHM8-20	8	18	2	0.75	1.5"x1.5"	80#	100
CHM8-30	8	26	3	1.1	1.5"x1.5"	80#	100
CHM8-40	8	34	4	1.5	1.5"x1.5"	90#	50
CHM8-50	8	42	5	2.2	1.5"x1.5"	90#	50
CHM10-10	10	8	1	0.75	1.5"x1.5"	80#	100
CHM10-20	10	12	2	0.75	1.5"x1.5"	80#	100
CHM10-30	10	22	3	1.1	1.5"x1.5"	80#	100
CHM10-40	10	31.5	4	1.5	1.5"x1.5"	90#	50
CHM10-50	10	39.5	5	2.2	1.5"x1.5"	90#	50
CHM12-10	12	9.5	1	0.75	1.5"x1.5"	80#	100
CHM12-20	12	19.5	2	1.1	1.5"x1.5"	80#	100
CHM12-30	12	29.5	3	1.85	1.5"x1.5"	90#	50
CHM12-40	12	39.5	4	2.2	1.5"x1.5"	90#	50
CHM12-50	12	50	5	3	1.5"x1.5"	100#	50
CHM16-10	16	10	1	1.1	2"x2"	80#	100
CHM16-20	16	20	2	1.5	2"x2"	90#	50
CHM16-30	16	30	3	2.2	2"x2"	90#	50
CHM16-40	16	40	4	3	2"x2"	100#	50
CHM20-10	20	10.5	1	1.1	2"x2"	80#	100
CHM20-20	20	20	2	1.85	2"x2"	90#	50
CHM20-30	20	31.5	3	3	2"x2"	100#	50
CHM20-40	20	40	4	4	2"x2"	100#	50

JST Series
HORIZONTAL MULTISTAGE PUMP

OPERATING CONDITIONS

Self-Priming Multistage Pumps are able to develop high pressure and a high water lift with a comparatively lower power consumption.

Universal pump for civil and industrial purposes, for high pressure system and for irrigation in agriculture and sports ttings.

OPERATING CONDITIONS

- Max Suction: 9m
- Max Liquid Temperature: 110°C
- Max Ambient Temperature: +45°C

PUMP

- PUMP BODY: stainless steel
- IMPELLER: Stainless steel
- MECHANICAL SEAL SETS: Ceramic, graphite and rubber

MOTOR

- Motor efficiency: IE1,IE2/IE3
- Bulit-in thermal protector for the single phase motor
- INSULATION: Class B/F
- PROTECTION: IP44/54

IDENTIFICATION CODES

JST 8 - 3

- Stages
- Flow at optimus working point (m^3/h)
- Model

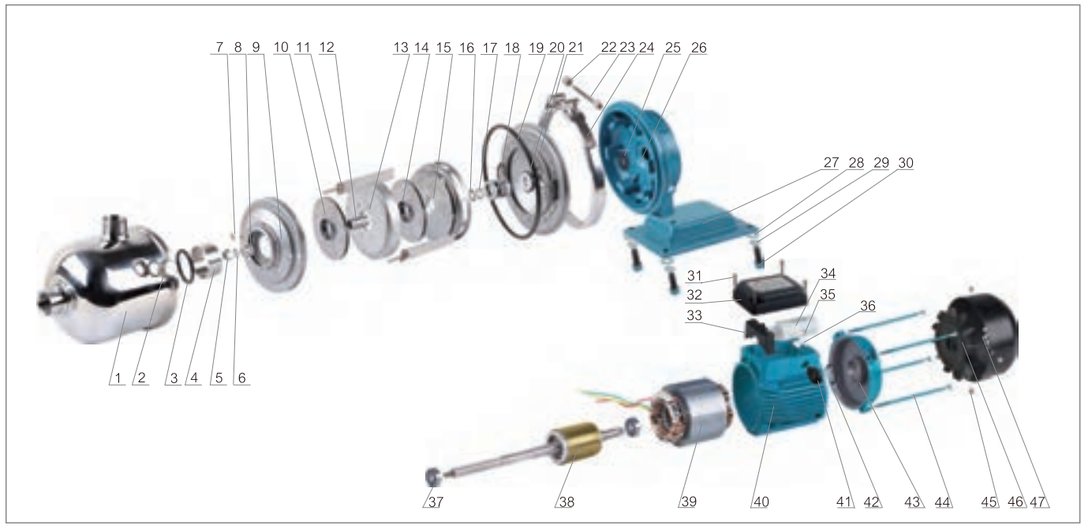
TECHNICAL DATA (220~240V/50Hz)

MOQ for each model / Kraft Carton: 50PCS

Model	Single-phase Motor			n=2850r/min			PIPE				Package dimensions & G.W.(mm)			
	Input max	Output Power		Current	Q.max	H.max	Suct.max	DNA		DNM		L	W	H	kg
	kW	kW	HP	A	L/min	m	m	Inch	mm	Inch	mm				
JST2-2	0.55	0.37	0.50	2.5	50	20		1"	25	1"	25	400	145	215	13
JST2-3	0.55	0.37	0.50	2.5	50	28		1"	25	1"	25	400	145	215	13
JST2-4	0.75	0.55	0.75	3.8	55	35		1"	25	1"	25	400	145	215	13
JST2-5	0.75	0.55	0.75	3.8	55	45		1"	25	1"	25	400	145	215	13
JST2-6	1.10	0.75	1.00	5.2	58	52		1"	25	1"	25	445	170	225	15
JST4-2	0.55	0.37	0.50	2.5	100	20		1.25"	32	1"	25	400	145	215	12
JST4-3	0.75	0.55	0.75	3.8	115	30		1.25"	32	1"	25	400	145	215	12
JST4-4	1.10	0.75	1.00	5.2	115	40		1.25"	32	1"	25	445	170	225	15
JST8-1	0.75	0.55	0.75	3.8	170	10		2"	50	2"	50	560	170	230	20
JST8-2	1.10	0.75	1.00	5.2	170	20	9	2"	50	2"	50	560	170	230	20
JST8-3	1.50	1.10	1.50	7.0	170	30		2"	50	2"	50	560	170	230	25
JST8-4	2.10	1.50	2.00	9.6	180	40		2"	50	2"	50	580	180	240	25
JST8-5	2.90	2.20	3.00	13.9	180	51		2"	50	2"	50	580	180	240	30
JST12-1	1.10	0.75	1.00	5.2	250	12		2"	50	2"	50	560	170	230	20
JST12-2	1.50	1.10	1.50	7.0	250	24		2"	50	2"	50	560	170	230	21
JST12-3	2.40	1.80	2.40	11.5	250	36		2"	50	2"	50	580	180	240	25
JST12-4	2.90	2.20	3.00	13.9	250	48		2"	50	2"	50	580	180	240	29
JST12-5	4.00	3.00	4.00	17.0	250	60		2"	50	2"	50	610	195	270	34

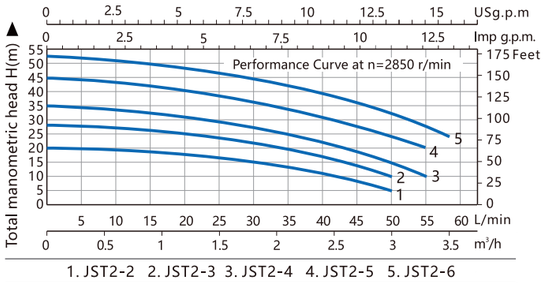
SISTEMA®

MATERIALS TABLE

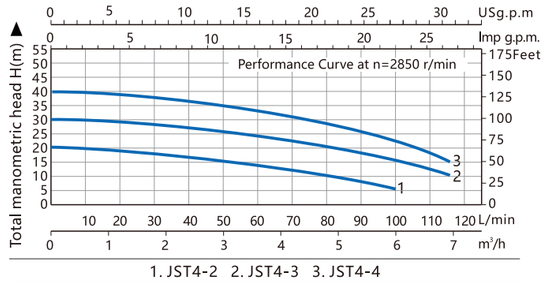


NO.	DESCRIPTION	NO.	DESCRIPTION	NO.	DESCRIPTION	NO.	DESCRIPTION	NO.	DESCRIPTION
1	Pump Body	11	Water Part Connector	21	M-Seal Holding Disc	31	Screw For T-Box	41	Cable Gland
2	Plug	12	Bush	22	Nut For Band Fastening	32	Terminal Box	42	Adjusting Ring
3	O-Ring For Connector	13	Diffuser Assembly	23	Hex Bolt For Band Fastening	33	Terminal Block	43	Rear Cover
4	Pipe Connector	14	Impeller	24	Band Fastening	34	Capacitor	44	Motor Tie-Rod
5	Impeller Stop Nut	15	Outlet Diffuser Assembly	25	Splash Guard	35	Screw For Cable Presser	45	Fan Cover Screw
6	Plain Washer	16	Plain Washer	26	Motor Bracket	36	Cable Presser	46	Fan
7	Nut For Water Part Connector	17	Short Bush For Impeller	27	Motor Base	37	Bearing	47	Fancover
8	Gland For 1St Impller	18	M-Seal Rotating Part	28	Plain Washer	38	Rotor With Shaft		
9	Inlet Diffuser Assembly	19	Pump Body O-Ring	29	Spring Washer	39	Stator With Winding		
10	Impeller	20	M-Seal Static Ring	30	Base Hex Bolt	40	Motor Housing		

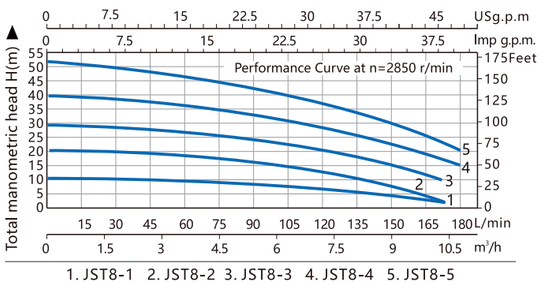
HYDRAULIC PERFORMANCE CURVES



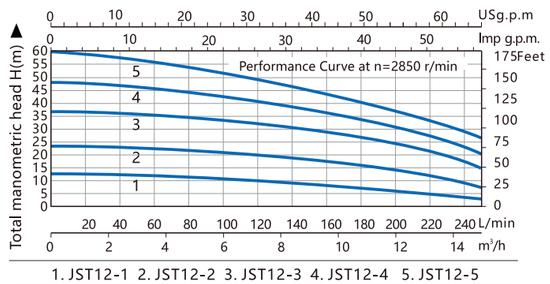
1. JST2-2 2. JST2-3 3. JST2-4 4. JST2-5 5. JST2-6



1. JST4-2 2. JST4-3 3. JST4-4



1. JST8-1 2. JST8-2 3. JST8-3 4. JST8-4 5. JST8-5



1. JST12-1 2. JST12-2 3. JST12-3 4. JST12-4 5. JST12-5

YDH Series

HORIZONTAL MULTISTAGE PUMP

OPERATING CONDITIONS

- Liquid temperature: Normal temperature -15℃ to +70℃
  Hot water -15℃ to +105℃
- Maximum ambient temperature: +40℃
- Maximum operating pressure: 8bar
- Maximum inlet pressure is limited by maximum operating pressure

PUMP

- Horizontal multi-stage non-self-priming centrifugal pump with long axis motor.
- The compact structure makes the size small, axial inlet and radial outlet.

MOTOR

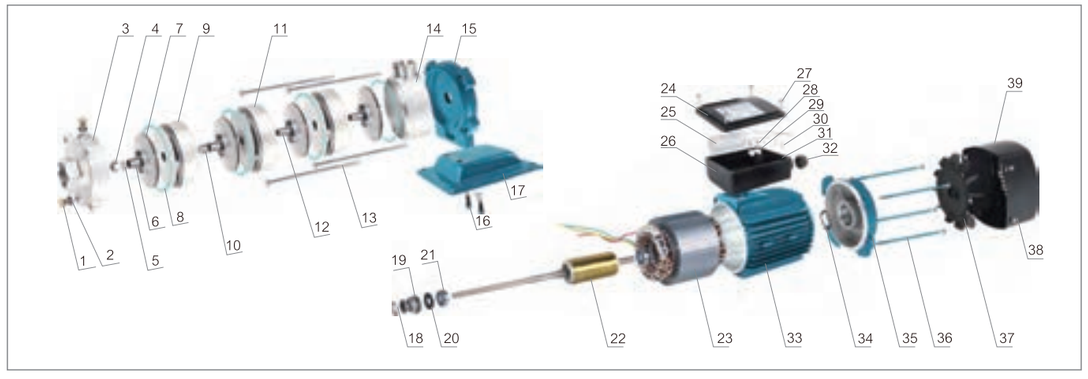
- Motor efficiency: IE1,IE2/IE3
- Motor is fully enclosed, air-cooled two-pole motor.
- Protection class: IP55
- Insulation class: F
- Standard voltage: 50HZ: 1~220-240V
  3~220-240V / 380-415V
- Single-phase motor maximum power 2.2kW.

IDENTIFICATION CODES

YDH 2 – 30

- Stages × 10
- Rate flow m^3/h
- Light horizontal multi-stage centrifugal pump (Flow parts stainless steel 304 or 316L).

MATERIALS TABLE



NO.	DESCRIPTION	NO.	DESCRIPTION	NO.	DESCRIPTION	NO.	DESCRIPTION
1	Air plug	11	Support guide vane	21	Bearing	31	Terminal board
2	Gasket for air nail	12	Tungsten steel bushing	22	Rotor with shaft	32	Sleeve
3	Pump cover	13	Bolt 01	23	Stator with windings	33	Motor housing
4	Anti-skid nut	14	Outlet	24	Terminal box cover	34	Adjusting Ring
5	Flat gasket	15	Front cover	25	Capacitor	35	Back cover
6	Impeller gland	16	Bolt 02	26	Termincal box base	36	Motor through Bolt 03
7	Impeller	17	foot support	27	Screw 01	37	Fan
8	Paper gasket	18	Shaft retaining ring	28	Screw 02	38	Screw 04
9	Guide vane	19	Mechanical seal	29	Cable ramp	39	Fan cover
10	Shaft sleeve	20	Water ring	30	Screw 03		

YDH2 TECHNICAL DATA

MOQ for each model / Kraft Carton: 50PCS

Model	Driving Motor P_2 (kW)	Q(m^3/h)	1.0	1.5	2.0	2.5	3.0	3.5
YDH2-20	0.37	H (m)	18	16	14	13	11	10
YDH2-30	0.37		27	24	21	20	17	14
YDH2-40	0.55		35	32	28	26	23	17
YDH2-50	0.55		43	40	35	33	28	22
YDH2-60	0.75		50	48	42	38	32	25

YDH4 TECHNICAL DATA

Model	Driving Motor P_2 (kW)	Q(m^3/h)	2.0	3.0	4.0	5.0	6.0	7.0
YDH4-20	0.37	H (m)	18	16	15	13	10	7
YDH4-30	0.55		27	25	22	19	15	10
YDH4-40	0.75		36	33	30	26	20	13
YDH4-50	1.0		44	41	38	32	26	20
YDH4-60	1.1		53	50	45	40	33	24

YDH8 TECHNICAL DATA

Model	Driving Motor P_2 (kW)	Q(m^3/h)	4.0	6.0	8.0	10	12	14	16
YDH8-10	0.55	H (m)	11	10	9	8	7	6	5
YDH8-20	0.75		22	20	19	18	13	11	8
YDH8-30	1.1		31	29	26	24	20	16	11
YDH8-40	1.5		41	39	37	33	28	23	17
YDH8-50	2.2		51	49	46.5	42	37	30	23
YDH8-60	3.0		62	58	52	48	42	36	30

YDH12 TECHNICAL DATA

Model	Driving Motor P_2 (kW)	Q(m^3/h)	7.0	8.0	9.0	10	11	12	13	14	15	16
YDH12-10	0.75	H (m)	12	11.5	11	10.5	10	9.5	9	8	7	6
YDH12-20	1.1		23	22.5	22	21	20.5	19.5	18.5	17	15.5	13
YDH12-30	1.85		35	34.5	33.5	32.5	31	29.5	28	26	23.5	20
YDH12-40	2.2		47	46	45	43.5	41.5	39.5	37.5	35	31.5	27.5
YDH12-50	3.0		60	58	56.5	55	52.5	50	47	44	40	35

YDH16 TECHNICAL DATA

Model	Driving Motor P_2 (kW)	Q(m^3/h)	8.0	10	12	14	16	18	20	22	24
YDH16-10	1.0	H (m)	12	11.5	11	10.5	10	9	8	7	6
YDH16-20	1.5		24	23	22	21	20	19	16	14	12
YDH16-30	2.2		38	36	34	33	30	28	26	23	20
YDH16-40	3.0		50	48	46	44	40	38	36	32	28

YDH20 TECHNICAL DATA

Model	Driving Motor P_2 (kW)	Q(m^3/h)	10	12	14	16	18	20	22	24	26	28
YDH20-10	1.0	H (m)	13	12.5	12	11.5	11	10.5	10	9	8.5	7.5
YDH20-20	1.85		25	24	23	22	21	20	18	16	14	12
YDH20-30	3.0		39	38	36	35	33	31.5	30	27	24	21
YDH20-40	4.0		50	48	46	44	42	40	36	32	28	24

ICH Series
HORIZONTAL MULTISTAGE PUMP

APPLICATION

- It is applicable to household water supply, equipment support, pipeline pressurization, garden watering, vegetable greenhouse watering, fish farming and poultry raising, industrial and mining, water supply and drainage of enterprises and high-rise buildings, central air conditioner and centralized heating circulation system, etc

PUMP

- AISI 304 shaft
- Max.liquid temperature:+85°C
- Altitude: up to 1000 m
- Max.suction: 8 m
- Max.inlet pressure: limited by max.operating pressure
- Max.operation pressure: 10 bar
- Liquid PH Value: 4-10

MOTOR

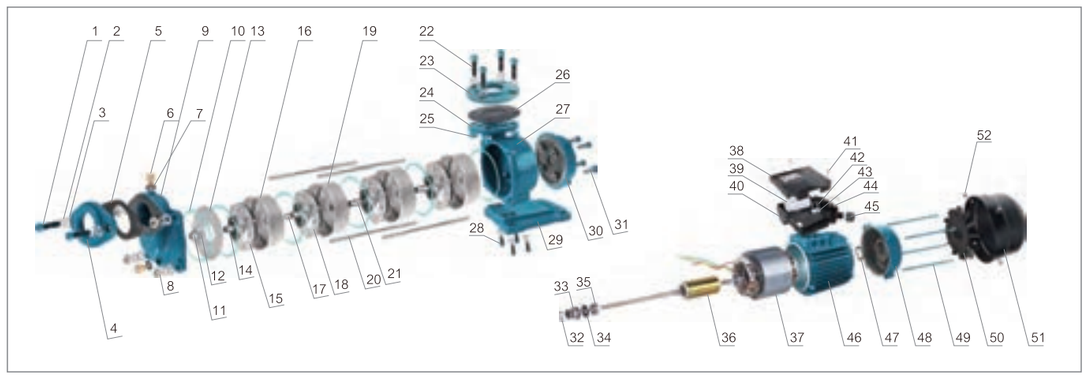
- Motor efficiency: IE1,IE2/IE3
- Motor with copper winding
- Built-in thermal protector for single phase motor
- Insulation class: F
- Protection class: P55
- Max ambient temperature:+40°C

IDENTIFICATION CODES

ICH (m) 2 – 20 (S)

- Stainless Steel Wetted Parts
- Impeller Stage x10
- Rated Flow (m^3/h)
- Single Phase (Three-phase without m)
- Stainless Steel Horizontal Multistage Pump

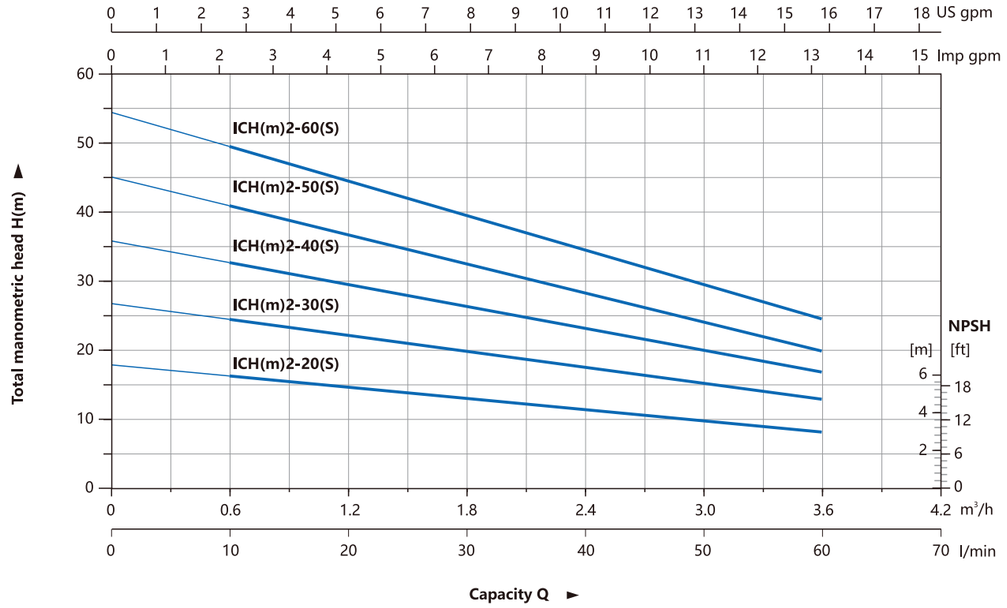
MATERIALS TABLE



NO.	DESCRIPTION	NO.	DESCRIPTION	NO.	DESCRIPTION	NO.	DESCRIPTION	NO.	DESCRIPTION	NO.	DESCRIPTION
1	Bolt 01	11	Anti-skid nut	21	Tungsten bushing	31	Bolt 05	41	Screw 01	51	Fan cover
2	Spring washer	12	Washer 02	22	Bolt 03	32	Shaft retaining ring	42	Screw 02	52	Screw 03
3	Washer 01	13	Inlet diffuser	23	Flange connector	33	Mechanical seal	43	Cable ramp		
4	Flange connector	14	Impeller gland	24	Washer 03	34	Water ring	44	Terminal board		
5	Gasket seal	15	Impeller	25	Nut	35	Bearing	45	Sleeve		
6	Air plug	16	Guide vane	26	Seal gasket	36	Rotor with shaft	46	Motor housing		
7	Gasket for air plug	17	Sleeve	27	Back cover	37	Stator with windings	47	Adjusting ring		
8	Nut	18	Impeller	28	Bolt 04	38	Terminal box cover	48	Motor Back cover		
9	Pump cover	19	Supporting guide vane	29	Motor foot	39	Capacitor	49	Bolt 06		
10	Gasket	20	Bolt 02	30	Front cover	40	Terminal box base	50	Fan		

SISTEMA®

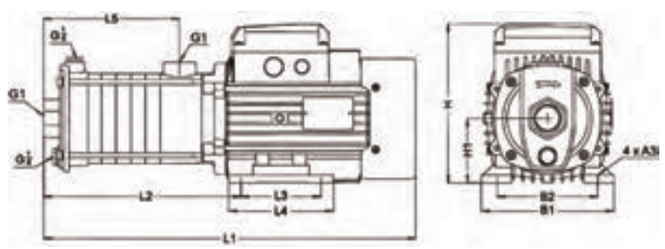
HYDRAULIC PERFORMANCE CURVES



TECHNICAL DATA

Model	Power		Q(m^3/h)	0.6	1.2	1.8	2.4	3.0	3.6
	kW	HP	Q (l/min)	10	20	30	40	50	60
ICH(m)2-20(S)	0.37	0.5		16	15	13	12	10	8
ICH(m)2-30(S)	0.37	0.5		24	22	20	18	16	12
ICH(m)2-40(S)	0.55	0.75	m	33	30	26	24	21	16
ICH(m)2-50(S)	0.55	0.75		40	37	33	30	24	19
ICH(m)2-60(S)	0.75	1.0		50	45	40	36	30	23

OVERALL & INSTALLATION DIMENSIONS

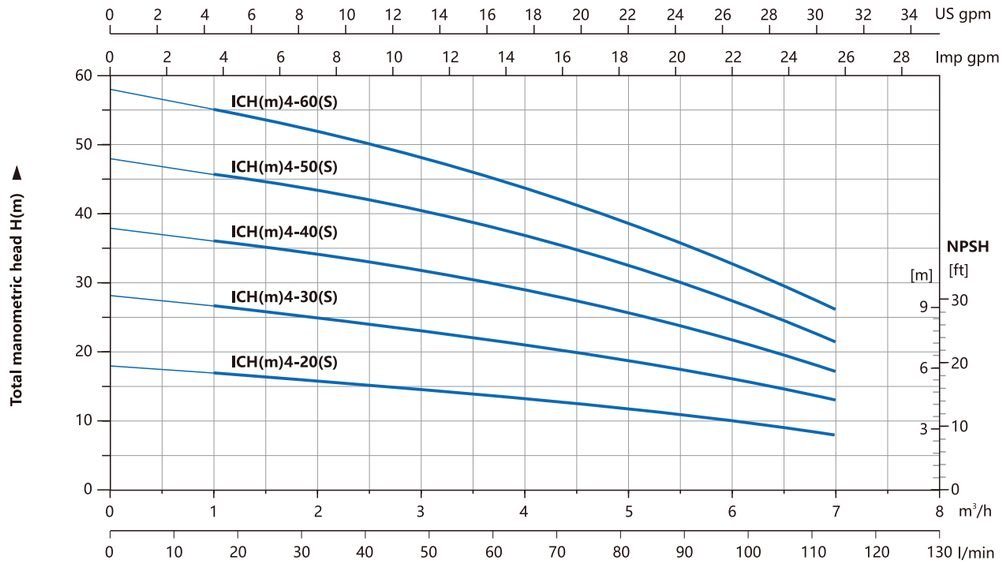


Model	L1	L2	L3	L4	L5	B1	B2	H	H1	A3	GW (Kgs)	LxWxH (mm)	MOQ Kraft carton pcs
ICH(m)2-20(S)	344.5	165.5	90	110	98.5	137	109	176.5	71	Ø7	11.5	420x215x243	100
ICH(m)2-30(S)	362.5	183.5	90	110	116.5	137	109	176.5	71	Ø7	11.8	420x215x243	100
ICH(m)2-40(S)	380.5	201.5	90	100	134.5	137	109	176.5	71	Ø7	13.2	420x215x243	100
ICH(m)2-50(S)	399.5	220.5	90	110	153.5	137	109	176.5	71	Ø7	13.7	455x215x243	100
ICH(m)2-60(S)	417.5	238.5	90	110	171.5	137	109	176.5	71	Ø7	14.6	455x215x243	100

ICH Series

STAINLESS STEEL HORIZONTAL MULTISTAGE PUMP

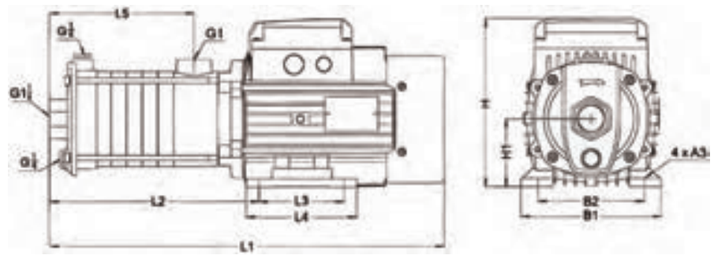
HYDRAULIC PERFORMANCE CURVES



TECHNICAL DATA

Model	Power		Q(m³/h)	1	2	3	4	5	6	7
	kW	HP	Q (l/min)	17	33	50	67	83	100	117
ICH(m)4-20(S)	0.55	0.75		17	16	15	13	12	10	8
ICH(m)4-30(S)	0.55	0.75		27	25	23	21	19	16	13
ICH(m)4-40(S)	0.75	1.0	m	36	34	32	28	26	22	17
ICH(m)4-50(S)	1.1	1.5		46	43	40	36	33	28	21
ICH(m)4-60(S)	1.1	1.5		55	52	48	43	39	33	26

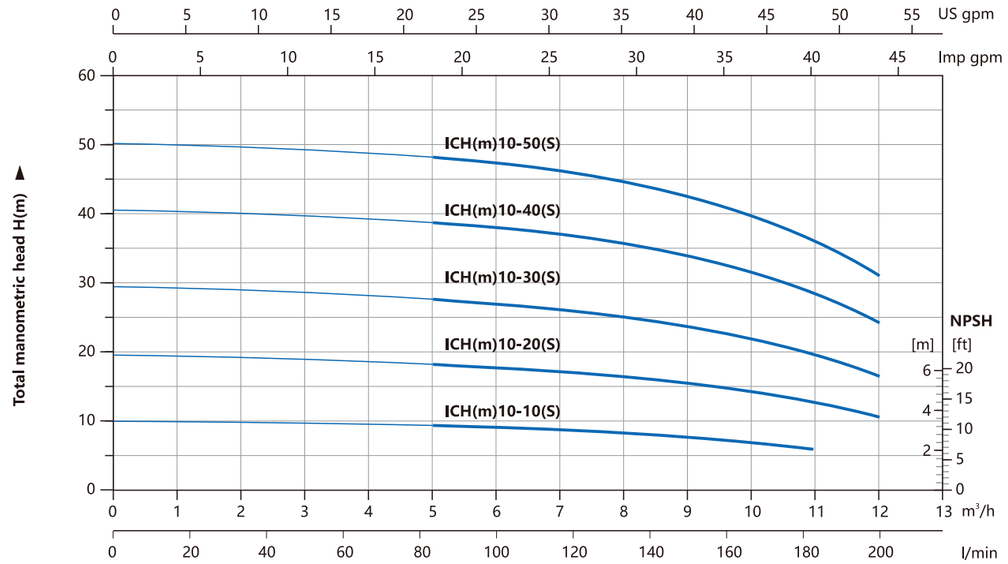
OVERALL & INSTALLATION DIMENSIONS



Model	L1	L2	L3	L4	L5	B1	B2	H	H1	A3	GW (Kgs)	LxWxH (mm)	MOQ Kraft carton pcs
ICH(m)4-20(S)	354	175.5	90	110	108.5	137	109	176.5	71	Ø7	13.1	420x215x243	100
ICH(m)4-30(S)	381.5	203	90	110	136	137	109	176.5	71	Ø7	13.6	420x215x243	100
ICH(m)4-40(S)	408.5	230	90	110	163	137	109	176.5	71	Ø7	14.7	455x215x243	100
ICH(m)4-50(S)	484	266	100	130	190	165	125	204.5	80	Ø10	21.5	548x235x268	100
ICH(m)4-60(S)	511.5	293.5	100	130	217.5	165	125	204.5	80	Ø10	22	548x235x268	100

SISTEMA®

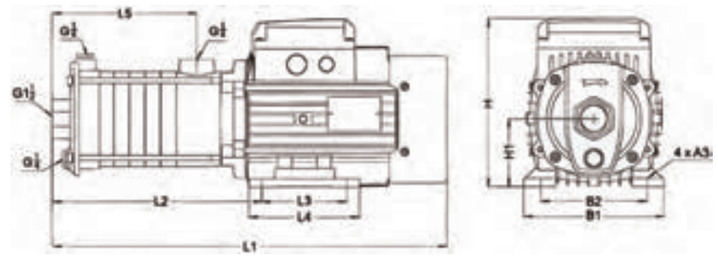
HYDRAULIC PERFORMANCE CURVES



TECHNICAL DATA

Model	Power		Q(m³/h)	6	7	8	9	10	11	12
	kW	HP	Q (l/min)	100	117	133	150	167	183	200
ICH(m)10-10(S)	0.75	1.0		9.1	8.7	8.2	7.7	6.8	5.8	
ICH(m)10-20(S)	0.75	1.0		17.9	17.1	16.3	15.3	14	12.5	10.6
ICH(m)10-30(5)	1.1	1.5	m	27.1	26.3	24.9	23.4	21.4	19.3	16.9
ICH(m)10-40(S)	1.5	2.0		38.6	37.6	35.9	33.9	31.2	28.2	24.6
ICH(m)10-50(S)	2.2	3.0		47.8	46.4	44.4	42.2	39.5	35.9	31.1

OVERALL & INSTALLATION DIMENSIONS

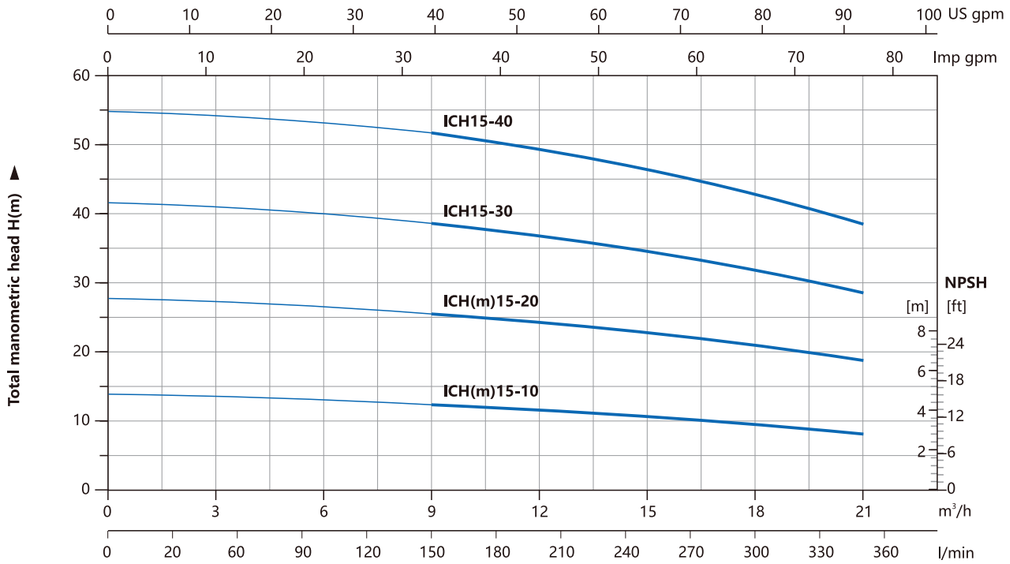


Model	L1	L2	L3	L4	L5	B1	B2	H	H1	A3	GW (Kgs)	LxWxH (mm)	MOQ Kraft carton pcs
ICH(m)10-10(S)	430	212	100	130	121	165	125	204.5	80	Ø10	20.7	503x235x268	100
ICH(m)10-20(S)	430	212	100	130	121	165	125	204.5	80	Ø10	20.8	503x235x268	100
ICH(m)10-30(5)	460.5	242.5	100	130	151.5	165	125	504.5	80	Ø10	21.9	503x235x268	100
ICH(m)10-40(S)	549.5	261.5	125	150	182	180	140	217.5	90	Ø10	28.2	618x245x283	100
ICH(m)10-50(S)	579.5	291.5	125	150	212	180	140	217.5	90	Ø10	30.6	618x245x283	50

ICH Series

STAINLESS STEEL HORIZONTAL MULTISTAGE PUMP

HYDRAULIC PERFORMANCE CURVES

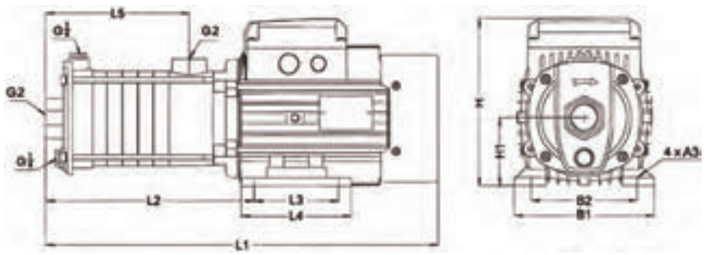


Capacity Q ►

TECHNICAL DATA

Model	Power		Q(m³/h)	9	12	15	18	21
	kW	HP	Q (l/min)	150	200	250	300	350
ICH(m)15-10	1.1	1.5	H (m)	12.4	11.6	10.6	9.4	8.2
ICH(m)15-20	2.2	3		25.6	24.1	22.7	21.1	18.8
ICH15-30	3.0	4		38.7	36.9	34.9	31.9	28.5
ICH15-40	4.0	5.5		51.8	49.7	46.8	42.9	38.3

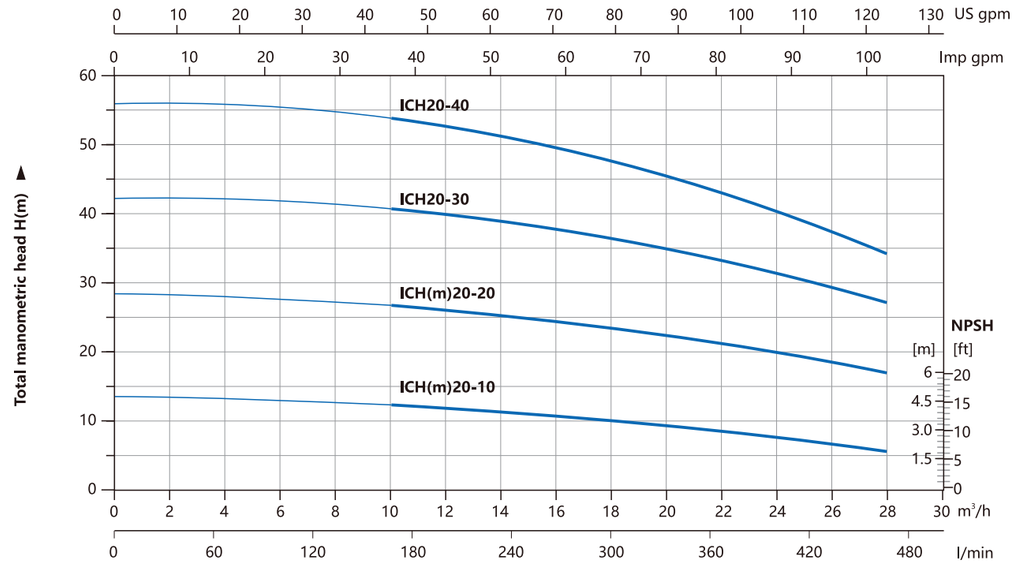
OVERALL & INSTALLATION DIMENSIONS



Model	L1	L2	L3	L4	L5	B1	B2	H	H1	A3	GW (Kgs)	LxWxH (mm)	MOQ Kraft carton pcs
ICH(m)15-10	451	233.5	100	130	139.5	165	125	204.5	80	Ø10	22.7	503x235x268	100
ICH(m)15-20	510	222	125	150	139.5	180	140	217.5	90	Ø10	30.3	557x245x283	50
ICH15-30	560	272	125	150	189.5	180	140	247.5	90	Ø10	32.2	618x245x283	50
ICH15-40	616	336.5	140	180	230	205	160	224.5	100	Ø12	39.6	687x245x290	50

SISTEMA®

HYDRAULIC PERFORMANCE CURVES

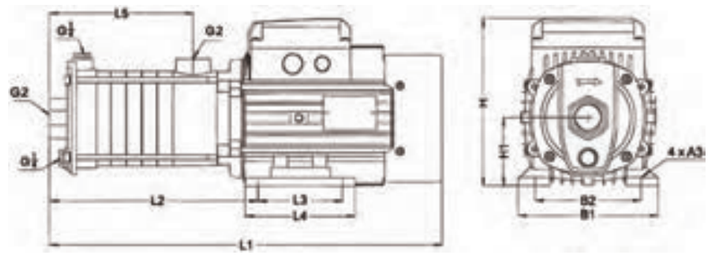


Capacity Q ►

TECHNICAL DATA

Model	Power		Q(m³/h)	12	16	20	24	28
	kW	HP	Q (l/min)	200	267	333	400	467
ICH(m)20-10	1.1	1.5	H (m)	12.1	10.8	9.5	7.8	5.7
ICH(m)20-20	2.2	3		26.1	24.4	22.4	19.8	17.2
ICH20-30	4.0	5.5		39.9	38.0	35.5	31.4	26.9
ICH20-40	4.0	5.5		52.7	50.1	45.9	40.3	34.0

OVERALL & INSTALLATION DIMENSIONS



Model	L1	L2	L3	L4	L5	B1	B2	H	H1	A3	GW (Kgs)	LxWxH (mm)	MOQ Kraft carton pcs
ICH(m)20-10	451	233.5	100	130	139.5	165	125	204.5	80	Ø10	22.7	503x235x268	50
ICH(m)20-20	510	222	125	150	139.5	180	140	217.5	90	Ø10	30.3	557x245x283	50
ICH20-30	570.5	291	140	180	184.5	205	160	224.5	100	Ø12	38.9	687x245x290	50
ICH20-40	616	336.5	140	180	230	205	160	224.5	100	Ø12	39.4	687x245x290	50

YDFP Series
SWIMMING POOL PUMP

OPERATING CONDITIONS
- Liquid temperature up to 60°C
- Ambient temperature up to 40°C
- Total suction lift up to 9m
- Continuous duty

PUMP
- Pump Body: Techno-polymer
- Impeller: Techno-polymer
- Mechanical Seal: Carbon / Ceramic / Stainless Steel

MOTOR
- Single Phase: IE1,IE2/IE3
- Heavy Duty Continuous Work
- Motor Housing: Aluminum / Cast Iron
- Shaft: Carbon Steel / Stainless Steel
- Insulation: Class B / Class F
- Protection: IP44 / IP54
- Cooling: External Ventilation

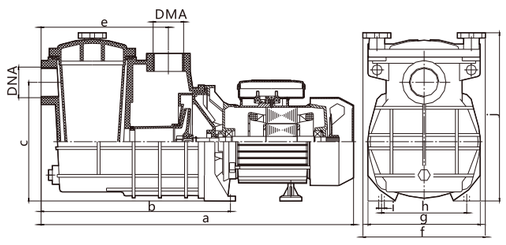
IDENTIFICATION CODES

YDFP T 370
- 370 — Power(W)
- T — Three Phase Motor (Omitted for single-phase motor)
- YDFP — Product Style

TECHNICAL DATA (220~240V/50Hz)

Model	Single-phase Motor				n=2850r/min			Dimensions (mm)			
	Input max	Output Power		Current	Q.max	H.max	Suct.max	DNA		DNM	
	kW	kW	HP	A	L/min	m	m	Inch	mm	Inch	mm
YDFP-370	0.55	0.37	0.50	3.2	190	12	9	1.5"	40	1.5"	40
YDFP-550	0.80	0.55	0.75	3.8	200	14		1.5"	40	1.5"	40
YDFP-750	1.10	0.75	1.00	5.2	220	16		1.5"	40	1.5"	40
YDFP-1100	1.50	1.10	1.50	7.0	300	18		2"	50	2"	50
YDFP-1500	2.00	1.50	2.00	9.6	360	19		2"	50	2"	50
YDFP-2200	2.90	2.20	3.00	13.9	400	22		2"	50	2"	50

Other voltages and frequencies available on request.

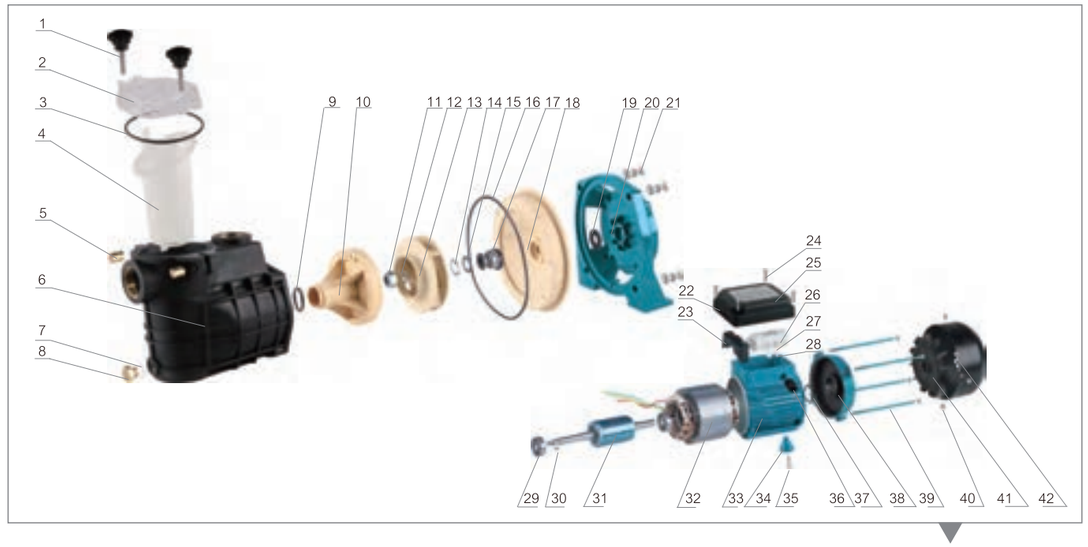


OVERALL & INSTALLATION DIMENSIONS

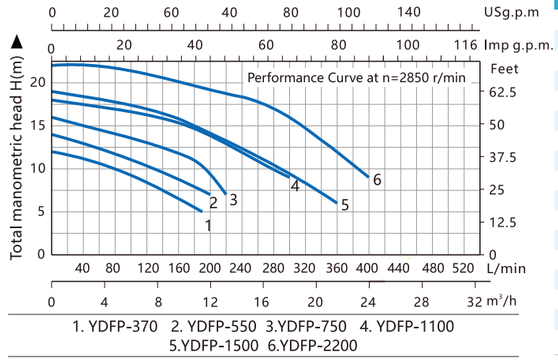
Model	Dimensions (mm)								
	a	b	c	d	e	f	g	h	i
YDFP-370	500	304	190	–	204	196	180	136.5	9
YDFP-550	500	304	190	--	204	196	180	136.5	9
YDFP-750	500	304	190	--	204	196	180	136.5	9
YDFP-1100	500	304	190	--	204	196	180	136.5	9
YDFP-1500	500	304	190	--	204	196	180	136.5	9
YDFP-2200	585	320	206	--	224	220	218	153	16

SISTEMA®

MATERIALS TABLE



HYDRAULIC PERFORMANCE CURVES



1. YDFP-370 2. YDFP-550 3.YDFP-750 4. YDFP-1100 5.YDFP-1500 6.YDFP-2200

NO.	DESCRIPTION	NO.	DESCRIPTION	NO.	DESCRIPTION
1	Plastic Cap Screw	18	M-Seal Holding Disc	35	Screw For Motor Foot
2	Plastic Cap	19	Splash Guard	36	Cable Gland
3	"O" Ring	20	Front Cover	37	Adjusting Ring
4	Filter	21	Front Cover Screw	38	Motor End Cover
5	Dowel	22	Terminal Cover	39	Motor Tie-Rod
6	Pump Body	23	Terminal Block	40	Screw For Fan Cover
7	Drain Plug	24	Screw For Terminal Box	41	Fan
8	"O" Ring for drain plug	25	Nameplate	42	Fan Cover
9	"O" Ring	26	Capacitor		
10	Diffuser	27	Screw For Cable Presser		
11	Impeller Nut	28	Cable Presser		
12	Plain Washer	29	Ball Bearing		
13	Impeller	30	Key		
14	Circlip	31	Shaft And Rotor		
15	Plain Washer	32	Stator With Casing		
16	"O" Ring For Pump Body	33	Motor Case		
17	Mechanical Seal	34	Motor Foot		

PACKAGE INFORMATION

Model	Package dimensions & G.W. (mm)				MOQ Kraft carton
	L	W	H	kg	pcs
YDFP-370	530	220	300	7.5	300
YDFP-550	530	220	300	9	200
YDFP-750	530	220	300	10.5	200
YDFP-1100	640	240	300	17.5	100
YDFP-1500	640	240	300	19.0	100
YDFP-2200	660	240	300	20.5	50

SWIM Series
SWIMMING POOL PUMP

SWIM POOL & SPA PUMP
- Robust and reliable construction
- Low noise level
- Save on operation cost
- High performance pump
- Motor Frame size 71# / 80#
- Motor efficiency: IE1,IE2/IE3

Multi Applications
- The pump that can handle moving water through your pool filter, salt chlorinator, in-floor cleaning systems or mul jet spas.

Operating Savings
- While meeting the demands of your equipment the swim series pump also moves more water, using less power in fewer hours per day. This means lower electricity costs

Higher Performance
- The pump has been designed to comfortably meet these needs by delivering a much higher head pressure and overall erformance than other pump

Robust Built
- The pump with reliable external protec on and high quality components this pump will be reliable in all weather condi ons.

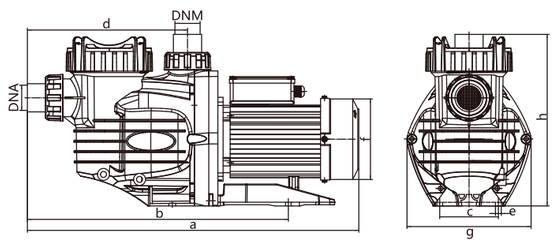
SWIM series HIGH PERFORMANCE PUMP

The Inergy SWIM-series Pump meets all the criteria for a superior pool, spa or water feature pump. It' s designed with innova ve materials that will stand up to the most demanding installa ons and condi ons. Whether you' re choosing your first pump or replacing older technology, the SWIM-series is definitely a s uper choice. replacing older technology, the SWIM-series is definitely a s uper choice.

TECHNICAL DATA (220~240V/50Hz)

Model	Power	Voltage	Frequency	Flow capacity	Full load amps
SWIM 375	0.375KW / 0.5HP	110 / 220V	50 / 60HZ	240LPM @5m	6.4/3.2
SWIM 550	0.55KW / 0.75HP	110 / 220V	50 / 60HZ	280LPM @5m	8/4
SWIM 750	0.75KW / 1.0HP	110 / 220V	50 / 60HZ	300LPM @6m	10/5
SWIM 900	0.90KW / 1.2HP	110 / 220V	50 / 60HZ	310LPM @7m	11/5.5
SWIM 1100	1.1KW / 1.5HP	220V	50 / 60HZ	340LPM @12m	8
SWIM 1500	1.5KW / 2.0HP	220V	50 / 60HZ	400LPM @13.5m	9.8
SWIM 2200	2.2KW / 3.0HP	220V	50 / 60HZ	400LPM @15.5m	10.8

DIMENSIONS



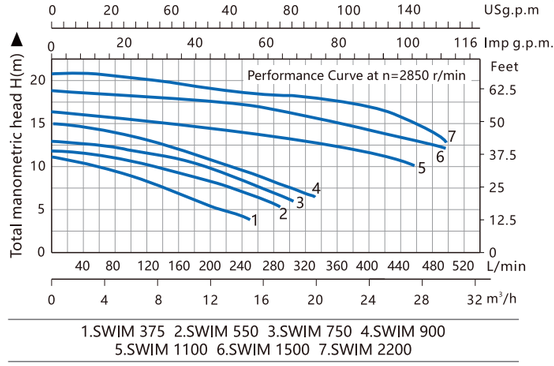
OVERALL & INSTALLATION DIMENSIONS

Model	Dimensions (mm)									
	DNA	DNM	a	b	c	d	e	f	g	h
SWIM 375	50(48)	50(48)	607	403	130	305	10	145	196	303
SWIM 550	50(48)	50(48)	607	403	130	305	10	145	196	303
SWIM 750	50(48)	50(48)	607	403	130	305	10	145	196	303
SWIM 900	50(48)	50(48)	607	403	130	305	10	145	196	303
SWIM 1100	50(48)	50(48)	660	520	124	320	11.5	160	247	340
SWIM 1500	50(48)	50(48)	660	520	124	320	11.5	160	247	340
SWIM 2200	50(48)	50(48)	660	520	124	320	11.5	160	247	340

SISTEMA®

MATERIALS TABLE

HYDRAULIC PERFORMANCE CURVES



1.SWIM 375 2.SWIM 550 3.SWIM 750 4.SWIM 900
5.SWIM 1100 6.SWIM 1500 7.SWIM 2200

NO.	DESCRIPTION	NO.	DESCRIPTION	NO.	DESCRIPTION
1	Transparent cover	19	Screw 01	37	screw 03
2	Filter drum cover	20	Deflector	38	Cable ramp
3	'O' ring 01	21	Anti-skid nut	39	Screw 04
4	Filter	22	Flat washer	40	Sleeve
5	Pipe fitting nut	23	Impeller	41	Bearing
6	Pipe fitting	24	Shaft retaining ring	42	Flat key
7	'O' ring 02	25	Flat washer	43	Rotor
8	Bolt 01	26	Mechanical Seal	44	Stator with windings
9	Spring washer	27	Seal gasket	45	Motor Housing
10	Flat washer	28	Bushing	46	Supporting foot
11	Fitting nut	29	Nut	47	Motor Foot
12	Pipe fitting	30	Dump ring	48	Adjusting ring
13	'O' ring 03	31	Front cover	49	Motor Back cover
14	Pump body	32	Bolt 02	50	Through Bolt
15	'O' ring 04	33	Terminal box cover	51	Fan
16	Air plug	34	Capacitor	52	Fan cover
17	Retaining strip	35	Terminal box base	53	Screw 05
18	'O' ring 05	36	Screw 02		

PACKAGE INFORMATION

Model	Package dimensions & G.W. (mm)				MOQ Kraft carton
	L	W	H	kg	pcs
SWIM 375	565	225	340	11.51	200
SWIM 550	565	225	340	12	200
SWIM 750	565	225	340	13	200
SWIM 900	565	225	340	13.9	200
SWIM 1100	630	275	365	17.8	100
SWIM 1500	635	275	370	19	100
SWIM 2200	645	270	380	20.8	100

SWIM VSD

SWIMMING POOL
VARIABLE SPEED PUMP

SWIM POOL & SPA PUMP

- 900W to suit the most demanding applications
- SAVES UP TO 65%ON ENERGY
- CONSUMPTION
- Save one pump cost back every 6 months in operating costs
- High performance overdrive mode and fast priming programs
- Reduce carbon emissions
- Whisper quiet operation
- Longer pump and equipment life

ENERGY SAVINGS

The energy saving is achieved by programming the pump to reach the ideal flowrate schedule. As the pump speed is reduced, the water flow drops. A 50% reduction in speed cuts the flow rate by half, but at the same time reduces the power consumption by up to 65%.

SUPER QUIET OPERATION

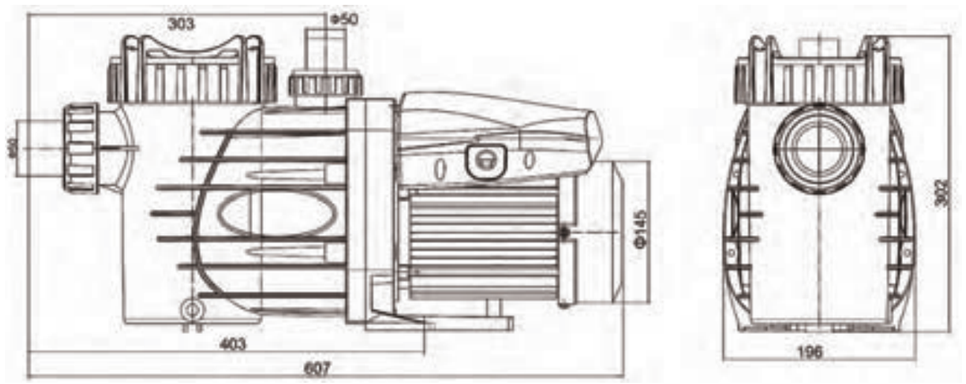
With the advanced hydraulic design, water moves much more efficiently and the operation is whisper quiet with the Variable Speed Pump operating at lower speeds. The AC single phase Motor technology eliminates excessive motor noise.

Variable Speed Pump satisfies the most discerning user.

TECHNICAL DATA (220~240V/50Hz)

Code	Model	Connection Size	Max.Input Power	Hosepower	Weight
220V~240V,50 /60HZ		inch/mm	w	hp	kgs
901040451601001	SWIM VSD 750	2" 50mm/48mm	900	1	20

DIMENSIONS



Each pump with apply with two adaptor 48mm & 50mm to satisfy market demands

SISTEMA

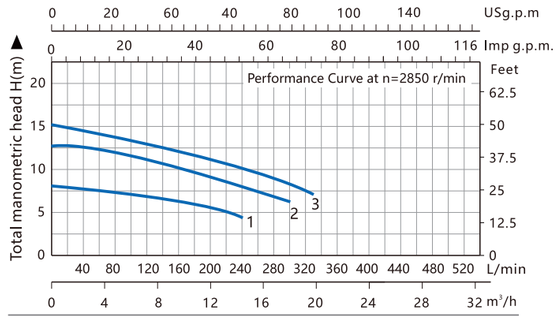
ROBUST AND RELIABLE LATEST HYDRAULIC DESIGN

- Compared to the Inergy-FCP
- VSD series, traditional single speed pumps run continuously and inefficiently at maximum load incurring high running costs. Reduced speed provides slower water circulation rates and puts less strain on the complete installation such as filter, sanitizationandplumbing.
  Lt reduces the wear-and-tear factor ending in significant savings for the pool
- owner.

USER-FRIENDLY CONTROLLER

- INERGY FCP-VSD Variable
- Speed Pump maximizes the efficiencyof your pool filtration systemwith the aidof a one-touch controller. The pre-settable direct speed controller enables pool owners to manage their usagewith thepressof a singlebutton to schedule their water treatment system with piece of mind

HYDRAULIC PERFORMANCE CURVES



1.2010rpm 2.2540rpm 3.2800rpm

TECHNICAL DATA OF CONTROLLER

Speed	Flow	Efficiency	Flow	Efficiency	Power
RPM	LPM	Litter/Wat	GPM	Gallon/Wat	Watt
2010	230	32	51	7	430
2540	300	21	66	4.6	838
2800	324	19	71	4.2	1000

PACKAGE INFORMATION

Model	Package dimensions & G.W. (mm)				MOQ Kraft carton
	L	W	H	kg	pcs
SWIM VSD 750	560	220	333	11	100

SWIM SOLAR

SWIMMING POOL PUMP
DRIVE BY SOLAR POWER

Standard Test Conditions(STC)
irradiance 1,000 w/m², AM 1,5;
module temperature 25°c

Total Max.Power(W):	1520
Total Max. Open Circuit Voltage -Voc(V):	97
Total Max.PowerVoltage -Vmpp(V):	80
Total Max.PowerCurrent -Impp(A):	19
Short Circuit Current -Isc(A):	11.6

Normal Operating Cell Temperature (NOCT):
irradiance 800 w/m²; wind speed 1 m/s;
ambient temperature 20°c

Total Max.Power(W):	1124
Total Max. Open Circuit Voltage -Voc(V):	89.6
Total Max.PowerVoltage -Vmpp(V):	73
Total Max.PowerCurrent -Impp(A):	15
Short Circuit Current -Isc(A):	9.4

Maximum pump flow : 21.6 m3 /h

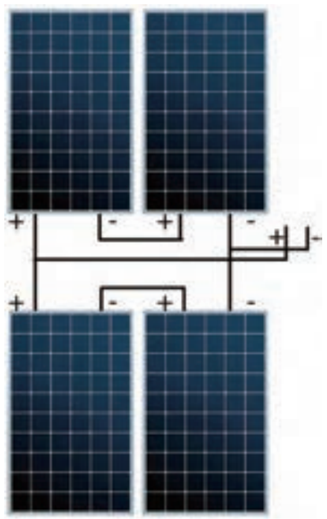
Pump flow rate at 10 meters of head : 19.2 m3/h
(at 3200 RPM)
Maximum pump pressure : 19.1mH 2O(1.9 bar)
Motor Output power : 750W
Nominal Voltage : 100Vdc

SWIM POOL & SPA PUMP

- Robust and reliable construction
- Low noise level
- Save on operation cost
- High performance pump
- Motor Frame size 71#

- Built-in Variable Speed Drive
- Permanent Magnet Brushless DC Motor
- Direct Photvoltaic(PV) power source
- Built-in protection
- User-friendly control panel

Solar Panel Recommendation
380W * 4PCS

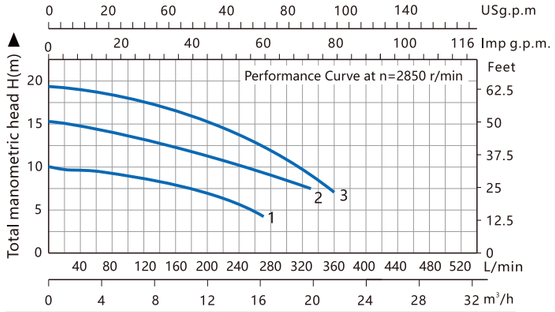


SISTEMA®

SWIM POOL & SPA PUMP

- Axial flux PM BLDC Motor
- Output power 1.0 HP (750W)
- Integrated Control
- Speed range 500 to 3200 rpm
- TEFC construction
- Insulationclass F
- IP55
- Maximum operating temperature 55°c

HYDRAULIC PERFORMANCE CURVES



1.2300rpm 2.2800rpm 3.3200rpm

MPPT Controller

- LED indicator light
- Voltage (V) indicator lights
- Speed (RPM) : indicator light
- Current (A): indicator light
- Power (w): indicator light

PACKAGE INFORMATION

Model	Package dimensions & G.W. (mm)				MOQ Kraft carton
	L	W	H	kg	pcs
SWIM750-SOLAR	630	220	350	12.1	100

SPA Series
ENTERTAINMENT PUMP

OPERATING CONDITIONS
- Ambient temperature:≤40°C
- Max.working pressure:0.3MPa
- Liquid temperature range:5-50°C

PUMP
- Pump Body: Techno-polymer
- Impeller: Techno-polymer
- Mechanical Seal: Carbon / Ceramic / Stainless Steel

MOTOR
- Single Phase: IE1,IE2/IE3
- Heavy Duty Continuous Work
- Motor Housing: Aluminum / Cast Iron
- Shaft: Carbon Steel / Stainless Steel
- Insulation: Class B / Class F
- Protection: IP44 / IP54
- Cooling: External Ventilation

IDENTIFICATION CODES

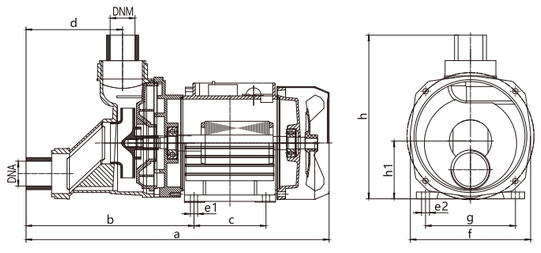
SPA T 500
- Power(W)
- Three Phase Motor (Omitted for single-phase motor)
- Product Style

TECHNICAL DATA (220~240V/50Hz)

Model	Single-phase Motor		n=2850r/min			Dimensions (mm)			
	Output Power		Q.max	H.max	Suct.max	DNA		DNM	
	kW	HP	L/min	m	m	Inch	mm	Inch	mm
SPA500	0.5	0.7	250	8	9	1.25"	32	1.25"	32
SPA600	0.6	0.8	270	9		1.25"	32	1.25"	32
SPA800	0.8	1.1	280	10		1.25"	32	1.25"	32
SPA900	0.9	1.2	300	11		1.25"	32	1.25"	32
SPA1100	1.1	1.5	320	11		1.25"	32	1.25"	32
SPA1300	1.3	1.7	350	12		1.25"	32	1.25"	32

Other voltages and frequencies available on request.

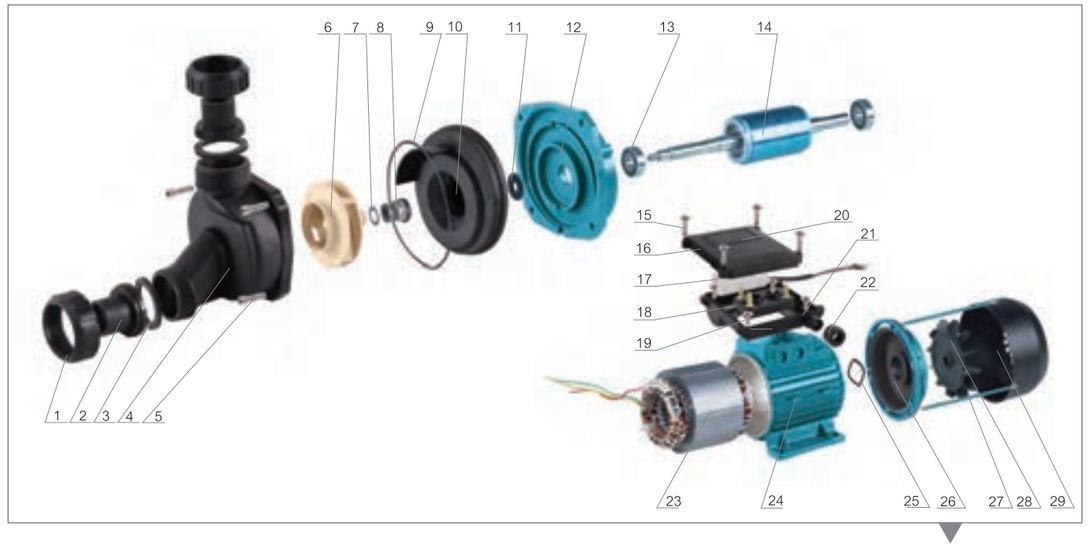
OVERALL & INSTALLATION DIMENSIONS



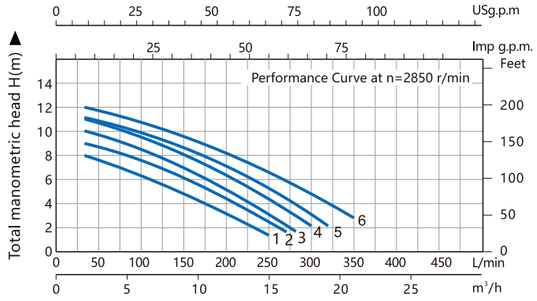
Model	Dimensions (mm)									
	a	b	c	d	e1	e2	f	g	h	h1
SPA500	394	226	89.5	125	9	10	147	113	222	72
SPA600	394	226	89.5	125	9	10	147	113	222	72
SPA800	394	226	89.5	125	9	10	147	113	222	72
SPA900	394	226	89.5	125	9	10	147	113	222	72
SPA1100	394	226	89.5	125	9	10	147	113	222	72
SPA1300	394	226	89.5	125	9	10	147	113	222	72

SISTEMA®

MATERIALS TABLE



HYDRAULIC PERFORMANCE CURVES



1. SPA500 2. SPA600 3. SPA800 4. SPA900 5. SPA1100 6. SPA1300

NO.	DESCRIPTION	NO.	DESCRIPTION
1	Unions nut	16	Terminal box cover
2	Reducing union	17	Capacitor
3	O-ring	18	Terminal block
4	Pump body	19	Screw for terminal base
5	Hex bolt	20	Terminal cover
6	Impeller	21	Terminal base
7	Plain washer	22	Cable gland
8	Mechanical seal	23	Stator with winding
9	Pump body o-ring	24	Motor housing
10	Diffuser	25	Adjusting ring
11	Splash guard	26	Rear cover
12	Motor bracket	27	Motor tie-rod
13	Bearing	28	Fan
14	Rotor with shaft	29	Fan cover
15	Screw for t-box		

PACKAGE INFORMATION

Model	Package dimensions & G.W. (mm)				MOQ Kraft carton
	L	W	H	kg	pcs
SPA500	365	200	210	8.4*	200
SPA600	365	200	210	9.1*	100
SPA800	365	200	210	9.8	100
SPA900	365	200	210	10.5*	100
SPA1100	365	200	210	11.2*	100
SPA1300	365	200	210	12.9*	100

AUTOMATIC PUMP SYSTEM

The automatic pump system consists of a water pump ,an airtight pressure switch, a pressure gauge, and a connecting flexible pipe, make the pump automatic, more convenient to use. The pressure tank with a non-toxic rubber membrane, or called pressure vessel, has been pre-filled with air pressure of about 0.12 Mpa before leaving the factory.

Auto speed series pump consists of a water pump, an intelligent controller, an integrated auto speed driver an integrated pressure tank.

AUTO SPEED MHEP series

AUTO SPEED YDSM-ST series

AUTO SPEED YDJS-ST series

AUTO SPEED YDTP series

AUJETST-60
AUJETST-80
AUJETST-100

AUJETST-60-1
AUJETST-80-1
AUJETST-100-1

SISTEMA®

AUJETST-60-2
AUJETST-80-2
AUJETST-100-2

AUJET-60L-1
AUJET-80L-1
AUJET-100L-1

AUJET-60L-2
AUJET-80L-2
AUJET-100L-2

AUCPM-158-1

AUCPM-158-2

AUJDW-60
AUJDW-80
AUJDW-100

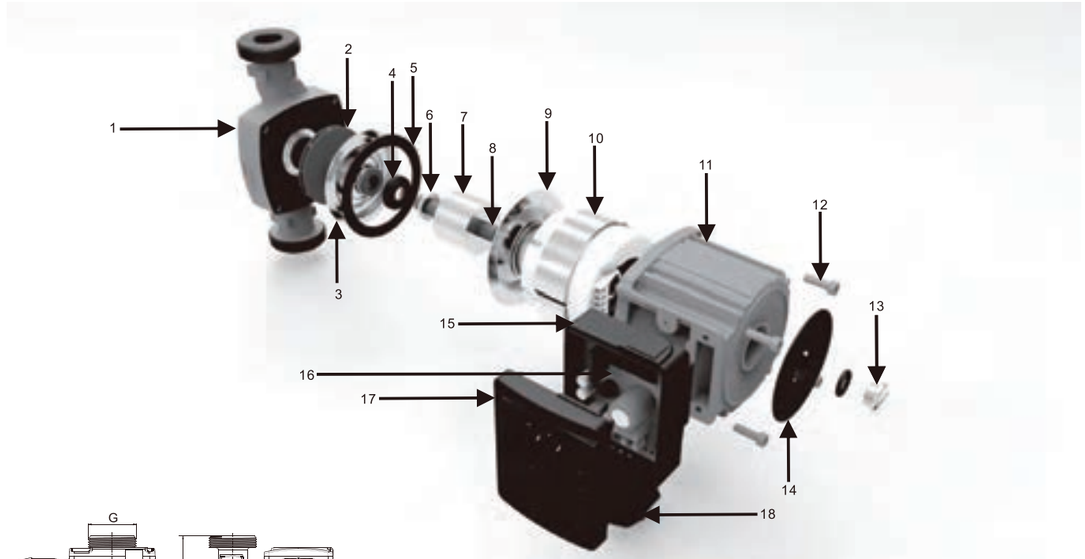
AUJETPL-60
AUJETPL-80
AUJETPL-100

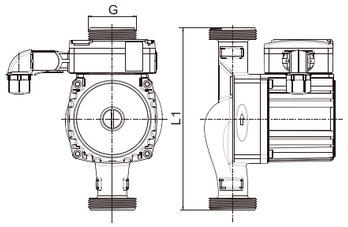
AUJET-60S
AUJET-80S
AUJET-100S

AUDB-125SP

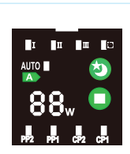
YBCV Series

CIRCULATE PUMP VARIABLE SPEED





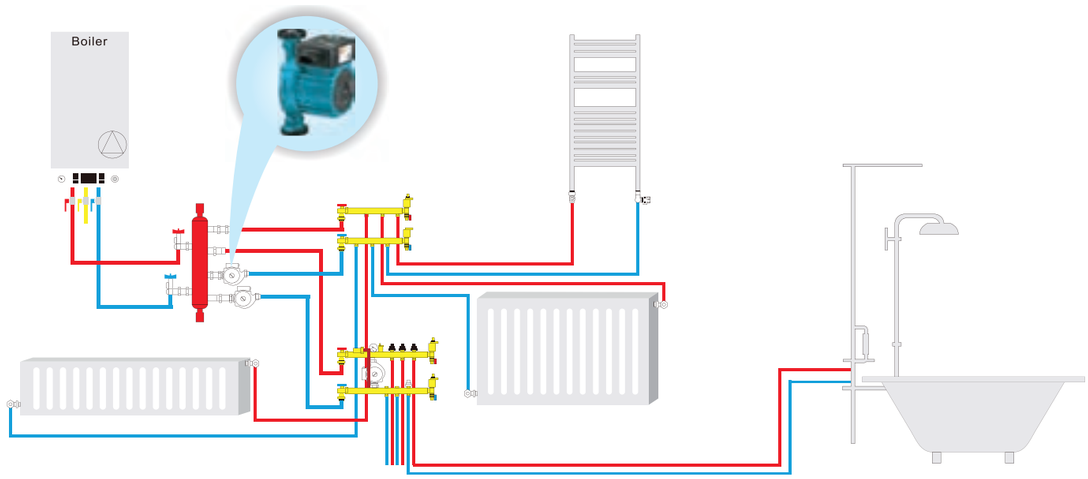
NO.	DESCRIPTION	NO.	DESCRIPTION	NO.	DESCRIPTION	NO.	DESCRIPTION
1	Pump body	6	Brass bearing	11	Motor housing	16	PCB
2	Impeller	7	Rotor	12	Hexagon socket screws	17	Cover of terminal box
3	Stainless steel cover	8	Ceramic shafting	13	Exhaust screw		
4	Bearing	9	Shielding	14	Nameplate		
5	Gasket	10	Stator	15	Seat of terminal box		



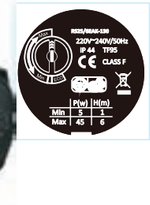
Model	Power	Max.Flow	Max.Head	Voltage	Material of pump body				Dimension(mm)		
					Cast Iron	Plastic	Brass	Stainless steel	L1		G
	W	m^3/h	m	V					130	180	
YBCV15/4EA	5~22	1.8	4	220/50	●		●	●	●		1"
YBCV25/4 EA	5~22	2.6	4		●		●		●	●	1 1/2"
YBCV32/4EA	5~22	3	4		●					●	2"
YBCV15/5EA	5~30	2.3	5		●		●	●	●		1"
YBCV25/5EA	5~30	3.1	5		●		●		●	●	1 1/2"
YBCV32/5EA	5~30	3.4	5		●					●	2"
YBCV15/6EA	5~45	2.4	6		●		●	●	●		1"
YBCV25/6EA	5~45	3.6	6		●		●		●	●	1 1/2"
YBCV32/6EA	5~45	3.6	6		●					●	2"
YBCV15/7EA	5~47	2.7	7		●		●	●	●		1"
YBCV25/7EA	5~47	3.7	7		●		●		●	●	1 1/2"
YBCV32/7EA	5~47	3.7	7		●					●	2"

Model	Power	Max.Flow	Max.Head	Voltage	Material of pump body				Dimension(mm)		
					Cast Iron	Plastic	Brass	Stainless steel	L1		G
	W	m^3/h	m	V					130	180	
YBCV15/4EAB	5~22	1.8	4	220/50	●		●	●	●		1"
YBCV25/4EAB	5~22	2.6	4		●		●		●	●	1 1/2"
YBCV32/4EAB	5~22	3	4		●					●	2"
YBCV15/5EAB	5~30	2.3	5		●		●	●	●		1"
YBCV25/5EAB	5~30	3.1	5		●		●		●	●	1 1/2"
YBCV32/5EAB	5~30	3.4	5		●					●	2"
YBCV15/6EAB	5~45	2.4	6		●		●	●	●		1"
YBCV25/6EAB	5~45	3.6	6		●		●		●	●	1 1/2"
YBCV32/6EAB	5~45	3.6	6		●					●	2"
YBCV15/7EAB	5~47	2.7	7		●		●	●	●		1"
YBCV25/7EAB	5~47	3.7	7		●		●		●	●	1 1/2"
YBCV32/7EAB	5~47	3.7	7		●					●	2"

SISTEMA



Model	Power	Max.Flow	Max.Head	Voltage	Material of pump body				Dimension(mm)		
					Cast Iron	Plastic	Brass	Stainless steel	L1		G
	W	m^3/h	m	V					130	180	
YBCV15/4EAD	5~22	1.8	4	220/50	●		●	●	●		1"
YBCV25/4 EAD	5~22	2.6	4		●		●		●	●	1 1/2"
YBCV32/4EAD	5~22	3	4		●					●	2"
YBCV15/5EAD	5~30	2.3	5		●		●	●	●		1"
YBCV25/5EAD	5~30	3.1	5		●		●		●	●	1 1/2"
YBCV32/5EAD	5~30	3.4	5		●					●	2"
YBCV15/6EAD	5~45	2.4	6		●		●	●	●		1"
YBCV25/6EAD	5~45	3.6	6		●		●		●	●	1 1/2"
YBCV32/6EAD	5~45	3.6	6		●					●	2"
YBCV15/7EAD	5~47	2.7	7		●		●	●	●		1"
YBCV25/7EAD	5~47	3.7	7		●		●		●	●	1 1/2"
YBCV32/7EAD	5~47	3.7	7		●					●	2"



Model	Power	Max.Flow	Max.Head	Voltage	Material of pump body				Dimension(mm)		
					Cast Iron	Plastic	Brass	Stainless steel	L1		G
	W	m^3/h	m	V					130	180	
YBCV15/4EAK	5~22	1.8	4	220/50	●		●	●	●		1"
YBCV25/4 EAK	5~22	2.6	4		●		●		●	●	1 1/2"
YBCV32/4EAK	5~22	3	4		●					●	2"
YBCV15/5EAK	5~30	2.3	5		●		●	●	●		1"
YBCV25/5EAK	5~30	3.1	5		●		●		●	●	1 1/2"
YBCV32/5EAK	5~30	3.4	5		●					●	2"
YBCV15/6EAK	5~45	2.4	6		●		●	●	●		1"
YBCV25/6EAK	5~45	3.6	6		●		●		●	●	1 1/2"
YBCV32/6EAK	5~45	3.6	6		●					●	2"
YBCV15/7EAK	5~47	2.7	7		●		●	●	●		1"
YBCV25/7EAK	5~47	3.7	7		●		●		●	●	1 1/2"
YBCV32/7EAK	5~47	3.7	7		●					●	2"

Model	Power	Max.Flow	Max.Head	Voltage	Material of pump body				Dimension(mm)		
					Cast Iron	Plastic	Brass	Stainless steel	L1		G
	W	m^3/h	m	V					130	180	
YBCV25/8EA	5~130	7.5	8	220/50	●						1 1/2"
YBCV32/8EA	5~130	10.2	8		●						2"
YBCV25/10EA	5~180	7.8	10		●						1 1/2"
YBCV32/10EA	5~180	10.8	10		●						2"

YBC Series
CIRCULATE PUMP

OPERATING CONDITIONS

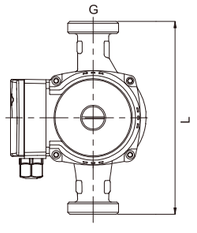
- Apply to heating system
- Max. system pressure:1Obar
- Operation condition:
  Ambient temperature:0°C-40°C
  Ambient Humidity:95%
  Liquid Temperature:-10°C-110°C
  Ambient temperature must be lower than liquid temperature,
  in order to avoid condensate water produced in the interior of stator.
- Liquid: Clean, non-coorosive and non-explosive liquids, without any particle ,fiber or mineral oil. Water/glycol mixtures max. mixing ratio:1:1
- Dry running no more than 10s.

IDENTIFICATION CODES

YBC 32 /4 E (F) -180

- 180:body length(130/180/200mm)
- F:flange, B:brass body,S:stainless steel body,P:plastic body
- G:Pump outlooking design(G/T/E/Z/B/Y…)
- Max.head(4m, 6m, 7m, 8m…)
- Inlet/outlet:15, 25, 32…(15:1", 25:1 1 /2", 32:2"…..)
- YBC:small circulation pump
- YBCF:big flange pump

NOTE: ASK OUR SALES FOR MORE DETAILS OF YBC SERIES PUMP



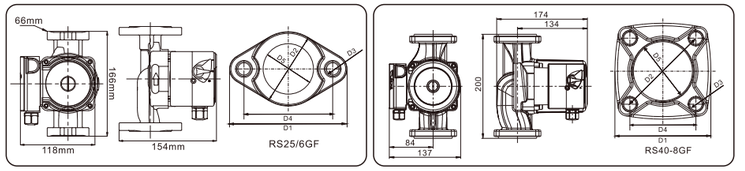
220V/50Hz 220V/60Hz 127V/60Hz

Model	Power	Max.Flow	Max.Head	Material of pump body			Dimension(mm)	
				Cast Iron	Brass	Stainless steel	L	G
	W	m^3/h	m					
YBC15/4T	72/53/38	2.3/1.7/0.8	4.5/4/3	●	●	●	130	1"
YBC15/4G		2.3/1.7/0.8		●	●	●	130	1"
YBC15/4E		2.3/1.7/0.8		●	●	●	130	1"
YBC20/4T		2.3/1.7/0.8		●			130	1 1/4"
YBC20/4G		2.3/1.7/0.8		●			130	1 1/4"
YBC20/4E		2.3/1.7/0.8		●			130	1 1/4"
YBC25/4T-130		2.9/2.1/1.3		●	●		130	1 1/2"
YBC25/4G-130		2.9/2.1/1.3		●	●		130	1 1/2"
YBC25/4E-130		2.9/2.1/1.3		●	●		130	1 1/2"
YBC25/4T-180		3.4/2.3/1.3		●	●		180	1 1/2"
YBC25/4G-180		3.4/2.3/1.3		●	●		180	1 1/2"
YBC25/4E-180		3.4/2.3/1.3		●	●		180	1 1/2"
YBC32/4T-180		3.4/2.3/1.3		●	●		180	2"
YBC32/4G-180		3.4/2.3/1.3		●	●		180	2"
YBC32/4E-180		3.4/2.3/1.3		●	●		180	2"

220V/50Hz 220V/60Hz 127V/60Hz

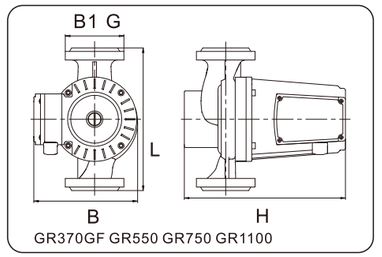
Model	Power	Max.Flow	Max.Head	Material of pump body			Dimension(mm)	
				Cast Iron	Brass	Stainless steel	L	G
	W	m^3/h	m					
YBC12/6T	93/67/46	1.8/1.2/0.8	6/5/3	●	●	●	130	3/4"
YBC12/6G		1.8/1.2/0.8		●	●	●	130	3/4"
YBC12/6E		1.8/1.2/0.8		●	●	●	130	3/4"
YBC15/6T		2.6/2.0/1.2		●	●	●	130	1"
YBC15/6G		2.6/2.0/1.2		●	●	●	130	1"
YBC15/6E		2.6/2.0/1.2		●	●	●	130	1"
YBC20/6T		3.3/2.3/1.3		●			130	1 1/4"
YBC20/6G		3.3/2.3/1.3		●			130	1 1/4"
YBC20/6E		3.3/2.3/1.3		●			130	1 1/4"
YBC25/6T-130		3.3/2.3/1.3		●	●		130	1 1/2"
YBC25/6G-130		3.3/2.3/1.3		●	●		130	1 1/2"
YBC25/6E-130		3.3/2.3/1.3		●	●		130	1 1/2"
YBC25/6T-180		3.9/2.9/1.6		●	●		180	1 1/2"
YBC25/6G-180		3.9/2.9/1.6		●	●		180	1 1/2"
YBC25/6E-180		3.9/2.9/1.6		●	●		180	1 1/2"
YBC32/6T-180		3.9/2.9/1.6		●	●		180	2"
YBC32/6G-180		3.9/2.9/1.6		●	●		180	2"
YBC32/6E-180		3.9/2.9/1.6		●	●		180	2"

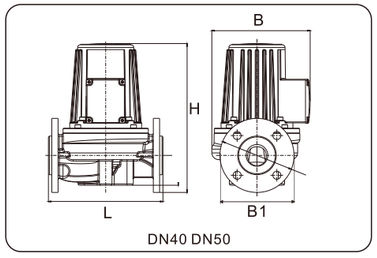
SISTEMA®

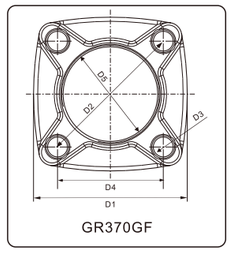


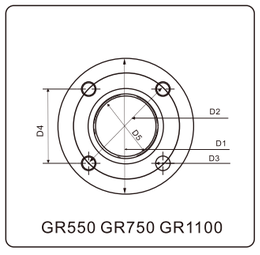
220V/50Hz 220V/60Hz 127V/60Hz

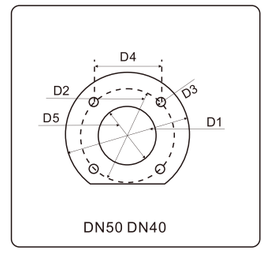
Model	Power	Max.Flow	Max.Head	Pump Dimension (mm)				Flange Dimension (mm)				Weight (kg)
	W	m^3/h	m	L	B	H	G	D1	D2	D3	D4	
YBC25/6YBC	93/67/46	3.5/2.3/1.3	6/5/3	166	118	154	1 1/2"	106	67	13.5	80	3.0
YBC40/8YBC	270/220/150	9.6/6.2/2.6	8/7.5/6.5	200	147	166	2"	93	90.5	12	64	5.9











220V/50Hz 220V/60Hz 127V/60Hz

Model	Power	Max.Flow	Max.Head	Pump Dimension (mm)					Flange Dimension (mm)					Weight (kg)
	W	m^3/h	m	L	B	B1	H	G	D1	D2	D3	D4	D5	
YBC370	400	10.2	11	224	180	59.5	210	2"						9
YBC370YBC	400	10.5	11	224	163	92	253	2"	93	90.5	12	64	57.2	11
YBC550	550	10.5	12	225	160	126	253	2"	128	99	12	70	57.2	14.5
YBC750	750	18.6	17	255	219	126	314	2"	128	99	12	70	57.2	24
YBC1100	1100	23.1	18	255	219	126	314	2"	128	99	12	70	57.2	25
YBC550-DN40	550	12	12	225	162	150	255	2"	150	110	12	77.8	57.2	16
YBC750-DN40	750	18.6	17	255	219	150	249	2"	150	110	12	77.8	57.2	25
YBC1100-DN40	1100	23.1	20	255	219	150	249	2"	150	110	12	77.8	57.2	25.5
YBC550-DN50	550	12	12	225	162	165	255	2"	165	125	12	88.4	57.2	16.5
YBC750-DN50	750	18.6	17	255	219	165	249	2"	165	125	12	88.4	57.2	26
YBC1100-DN50	1100	23.1	20	255	219	165	249	2"	165	125	12	88.4	57.2	27

CMYD Series

STANDARD CENTRIFUGAL PUMP

DESCRIPTION & FEATURES

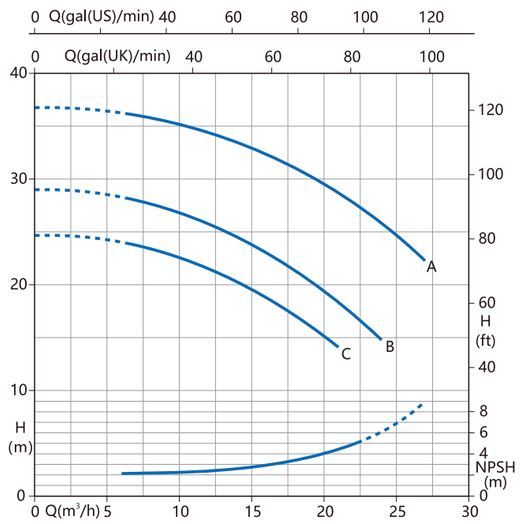
CMYD series standard centrifugal pumps is our new development products, it is a single stage high efficiency electric pumps, mounting with the steady motor, with small consumption. It can reach a good performance in big capacity and high pressure head.

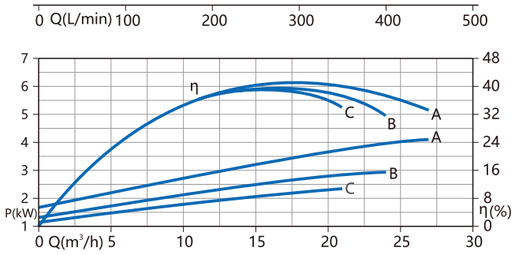
It is with the single closed construction, easy for maintaining, testing and replacing the easy damage part, and it's easy to operate during the reliability using.

They are widely used in well-pumping, water supplying, electric power, mine, mixing and irrigating for civil, industry and agriculture, etc.

SISTEMA

32-160

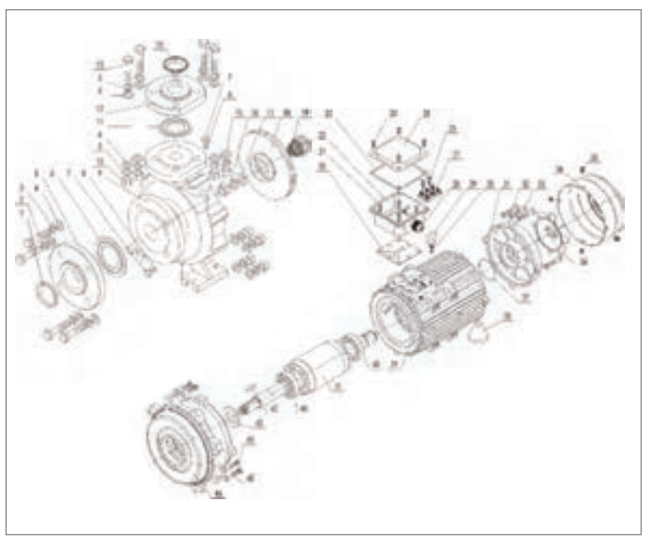




TYPE	P2		P1 (kW)	A	Q(m³/h-L/min)										
3~				3~	0	4.5	6	7.5	9	12	15	18	21	24	27
					0	75	100	125	150	200	250	300	350	400	450
	(HP)	(kW)	3~	3x400V 50 Hz	H(m)										
32-160 C (*)	2	1.5	2.3	4	24.7	24.4	24.1	23.6	23	21.5	19.6	17.2	14.1	--	--
32-160 B (*)	3	2.2	2.9	5.2	29	--	28.5	28	27.3	25.7	23.8	21.4	18.5	14.8	--
32-160 A	4	3	4.1	7.1	36.8	--	36.4	36	35.4	34.2	32.8	31.1	28.8	26	22.3

Other voltages and frequencies available on request. (*) Single phase available.

MATERIALS TABLE

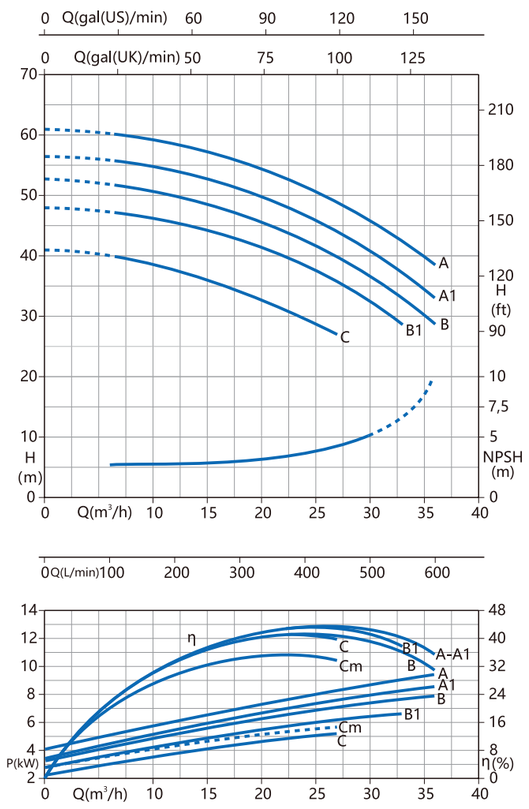


NO.	DESCRIPTION	NO.	DESCRIPTION
1	Seal	24	Screws
2	Hexagon bolts	25	Terminal Box Cover
3	Spring washers	26	Screw
4	Plain Washers	27	Terminal Blocks
5	Flange	28	Wire Sleeve
6	Joint Gasket	29	Ring Screws
7	Vapor Nail	30	Tightening Screws
8	'0' ring	31	Rear cover
9	Pump Body	32	Spring washers
10	Hexagon nuts	33	Hexagon bolts
11	Flange Gasket	34	Fan cover
12	Flange	35	Screws
13	Hexagon bolts	36	FAN
14	Seal	37	Adjusting ring
15	Anti-slip nuts	38	Foot
16	Spring washers	39	stator
17	Plain Washers	40	Deep groove ball bearings
18	Impeller	41	Rotor
19	Mechanical Seals	42	Key
20	Terminal Box Seat Gasket	43	Splash Guard
21	Screws	44	Spring washers
22	Terminal Box Seat	45	Hexagon bolts
23	Terminal Box Cover Gasket	46	Front cover

CMYD Series

SISTEMA®

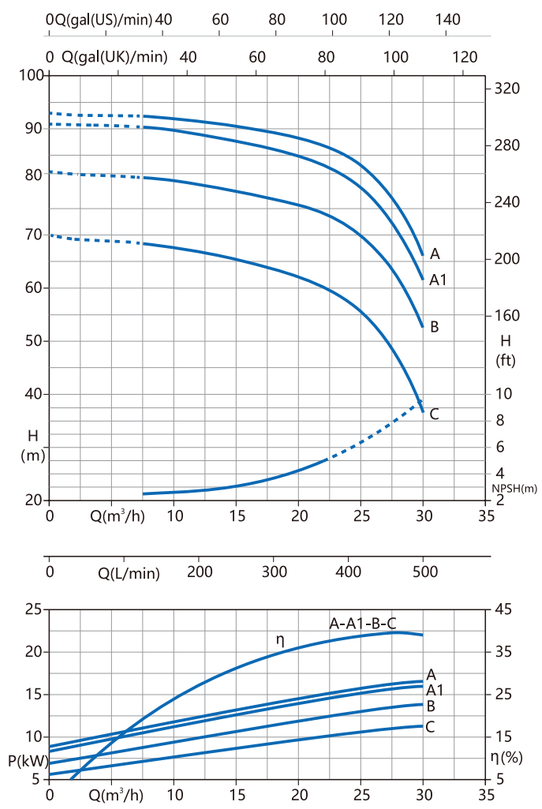
32-200



TYPE 3~	P2		P1 (kW)	A 3~	Q(m³/h-L/min) 0	6	7.5	9	12	15	18	21	24	27	30	33	36
					0	100	125	150	200	250	300	350	400	450	500	550	600
	(HP)	(kW)	3~	3x400V 50 Hz	H(m)												
32-200 C (*)	5.5	4	5.2	9.4	41	40	39.5	38.9	37.5	36	34.2	32.2	30	27	--	--	--
32-200 B1	7.5	5.5	6.6	11.3	48	47.5	47.1	46.6	45.5	44.3	42.5	40.7	38.5	35.7	32.5	28.6	--
32-200 B	7.5	5.5	8.2	13.7	52.8	52	51.5	51	50	48.5	46.8	45	42.7	40.1	37	33.3	28.7
32-200 A1	10	7.5	8.5	14.6	56.5	56	55.6	55.2	54	52.8	51	49.2	47	44.2	41	37.1	33
32-200 A	10	7.5	9.9	16.5	61	60.5	60.1	59.6	58.5	57.2	55.5	53.7	51.5	49	46.2	42.7	38.5

Other voltages and frequencies available on request. (*) Single phase available.

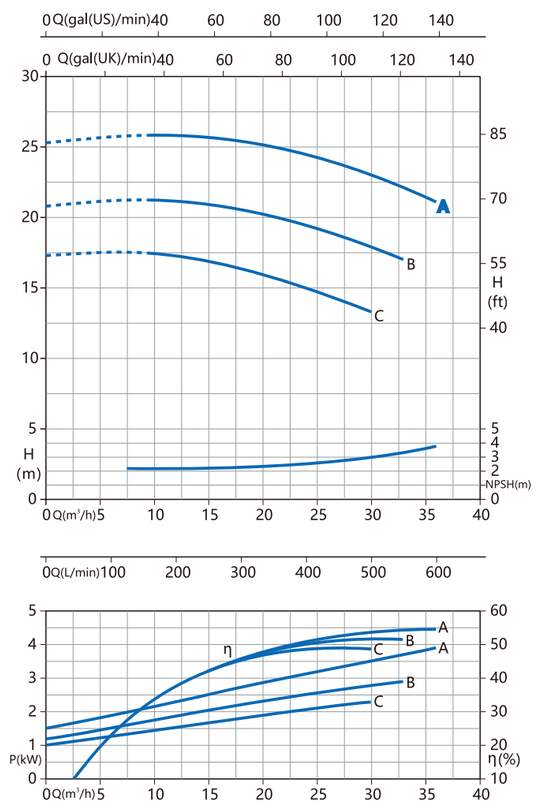
32-250



TYPE 3~	P2		P1 (kW)	A 3~	Q(m³/h-L/min) 0	7.5	9	12	15	18	21	24	27	30
					0	125	150	200	250	300	350	400	450	500
	(HP)	(kW)	3~	3x400V 50 Hz	H(m)									
32-250 C	12.5	9.2	11.9	20.1	70	68.5	68	67	65.5	63.5	61	58	50	36.5
32-250 B	15	11	14.4	24.2	82	81	80.5	79.5	78.5	77	74.5	71.9	65	52.5
32-250 A1	20	15	16	27.4	91	90	89.9	89	88	86	83.5	80.8	74	61.5
32-250 A	20	15	18.1	30.1	93	92.5	92	91.5	90.5	89.5	87.5	85	78.5	66

Other voltages and frequencies available on request.

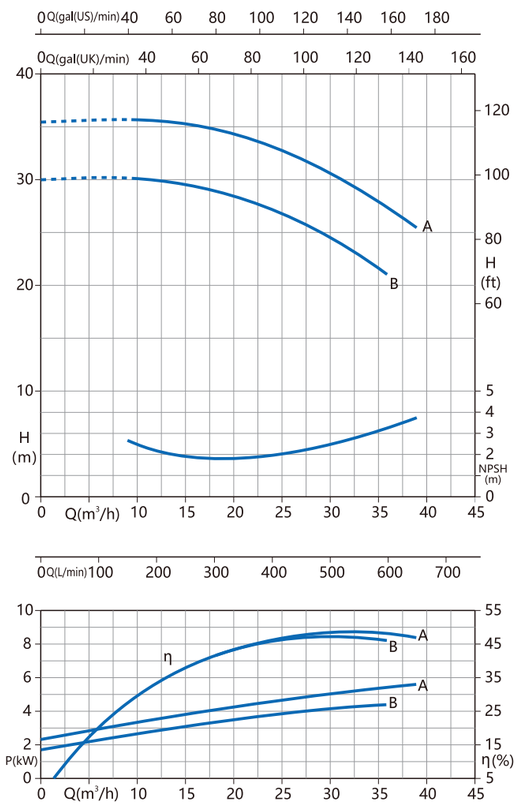
40-125



TYPE 3~	P2		P1 (kW)	A 3~	Q(m³/h-L/min) 0	7.5	9	12	15	18	21	24	27	30	33	36
					0	125	150	200	250	300	350	400	450	500	550	600
	(HP)	(kW)	3~	3x400V 50 Hz	H(m)											
40-125 C (*)	2	1.5	2.3	4	17.4	17.6	17.5	17.3	16.9	16.4	15.8	15.1	14.2	13.3	--	--
40-125 B (*)	3	2.2	2.9	5.2	20.7	--	21.3	21.2	21	20.6	20.1	19.4	18.7	17.9	17	--
40-125 A	4	3	4.1	7.1	25.2	--	25.8	25.8	25.6	25.4	24.9	24.4	23.7	22	22	21.1

Other voltages and frequencies available on request. (*) Single phase available.

40-160



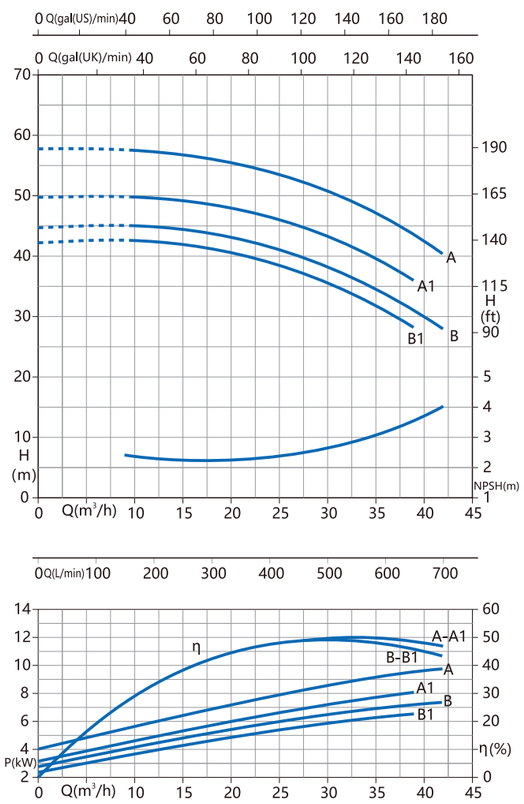
TYPE 3~	P2		P1 (kW)	A 3~	Q(m³/h-L/min) 0	9	12	15	18	21	24	27	30	33	36	39
					0	150	200	250	300	350	400	450	500	550	600	650
	(HP)	(kW)	3~	3x400V 50 Hz	H(m)											
40-160 B (*)	4	3	4.4	7.4	30	30.1	30	29.6	29	28.2	27.1	25.9	24.4	22.8	21	--
40-160 A (*)	5.5	4	5.7	9.9	35.4	35.6	35.5	35.3	35	34.2	33.2	32	30.6	29	27.3	25.4

Other voltages and frequencies available on request. (*) Single phase available.

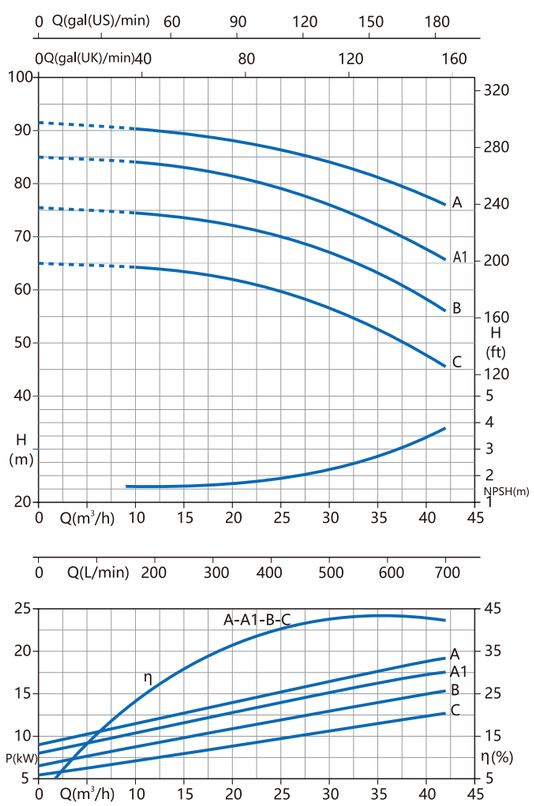
CMYD Series

SISTEMA

40-200



40-250



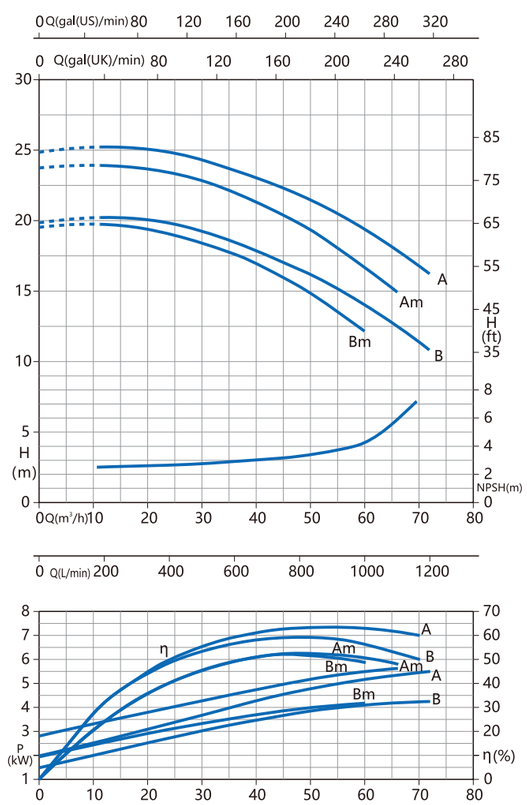
TYPE 3~	P2 (HP)	P2 (kW)	P1 (kW) 3~	A 3~ 3x400V 50 Hz	Q(m³/h-L/min) 0 / 0	9 / 150	12 / 200	15 / 250	18 / 300	21 / 350	24 / 400	27 / 450	30 / 500	33 / 550	36 / 600	39 / 650	42 / 700
					H(m)												
40-200 B1	7.5	5.5	6.5	11.1	42.2	42.4	42.3	42.1	41.3	40.3	39.1	37.5	35.5	33.3	30.7	28	--
40-200 B	7.5	5.5	7.4	12.7	44.7	44.9	44.8	44.6	44	42.9	41.6	40	38.1	36.1	33.6	30.8	27.9
40-200 A1	10	7.5	8.1	13.8	49.7	49.7	49.7	49.4	48.7	47.9	46.6	45	43.2	41.1	38.6	35.9	--
40-200 A	10	7.5	9.8	16.5	57.7	57.7	57.5	57.1	56.3	55.4	54.1	52.5	50.5	48.5	45.9	43.3	40.3

Other voltages and frequencies available on request.

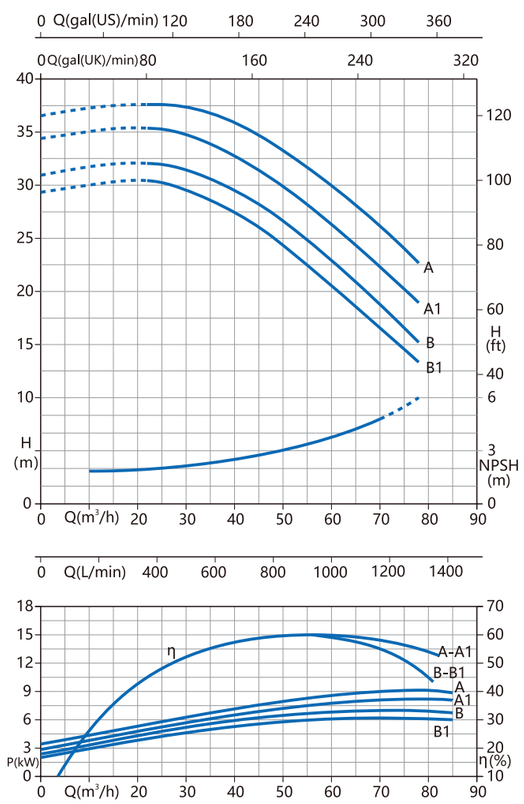
TYPE 3~	P2 (HP)	P2 (kW)	P1 (kW) 3~	A 3~ 3x400V 50 Hz	Q(m³/h-L/min) 0 / 0	9 / 150	12 / 200	15 / 250	18 / 300	21 / 350	24 / 400	27 / 450	30 / 500	33 / 550	36 / 600	39 / 650	42 / 700
					H(m)												
40-250 C	12.5	9.2	12.6	20.1	65	64.3	63.9	63.3	62.6	61.5	60.2	58.8	56.9	54.5	51.6	48.5	45.5
40-250 B	15	11	14.4	24.2	75.5	74.6	74.2	73.5	72.7	71.7	70.4	69	67.2	65	62.5	59.5	56
40-250 A1	20	15	17.5	29.5	85	84	83.7	82.9	82.1	80.8	79.5	77.8	75.9	73.8	71.3	68.4	65.8
40-250 A	20	15	19	32	91.5	90.4	89.9	89.3	88.5	87.5	86.6	85.5	84	82.5	80.5	78.5	76

Other voltages and frequencies available on request.

50-125



50-160



TYPE 1~	TYPE 3~	P2 (HP)	P2 (kW)	P1 (kW) 1~	P1 (kW) 3~	A 1~ 1x230V 50 Hz	A 3~ 3x400V 50 Hz	Q(m³/h-L/min) 0 / 0	12 / 200	15 / 250	18 / 300	21 / 350	24 / 400	27 / 450	30 / 500	33 / 550	36 / 600	39 / 650	42 / 700	48 / 800	54 / 900	60 / 1000	66 / 1100	72 / 1200
								H(m)																
--	50-125 B	4	3	--	4.25	--	7.1	19.8	20.2	20.2	20.1	20	19.8	19.5	19.3	18.8	18.5	18	17.6	16.5	15.3	14	12.5	10.8
50-125 B m	-	4	3	4.2	--	18.4	--	19.5	19.7	19.6	19.5	19.3	19	18.7	18.4	18	17.6	17.1	16.6	15.3	13.8	12.1	--	--
--	50-125 A	5.5	4	--	5.5	--	9.6	24.8	25.2	25.2	25.1	25	24.8	24.6	24.3	23.9	23.5	23.2	22.7	21.8	20.7	19.4	17.9	16.2
50-125 A m	-	5.5	4	5.6	--	25.4	--	23.7	23.9	23.8	23.7	23.6	23.4	23.1	22.8	22.4	22	21.5	20.9	19.7	18.3	16.7	14.9	--

Other voltages and frequencies available on request.

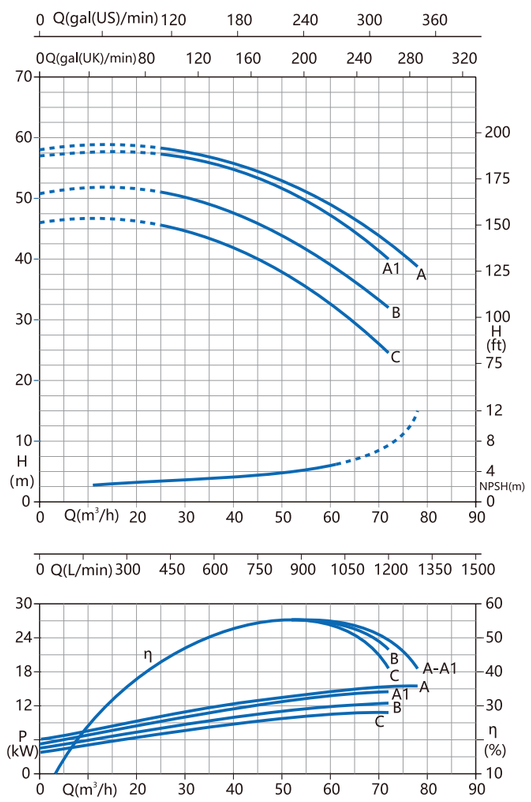
TYPE 3~	P2 (HP)	P2 (kW)	P1 (kW) 3~	A 3~ 3x400V 50 Hz	Q(m³/h-L/min) 0 / 0	21 / 350	24 / 400	27 / 450	30 / 500	33 / 550	36 / 600	39 / 650	42 / 700	48 / 800	54 / 900	60 / 1000	66 / 1100	72 / 1200	78 / 1300
					H(m)														
50-160 B1	7.5	5.5	6.2	10.7	29.3	30.3	30.2	30	29.6	29	28.4	27.7	26.9	25.2	23.2	21	18.7	16.1	13.2
50-160 B	7.5	5.5	6.7	11.6	31.1	32.1	32	31.7	31.4	31	30.4	29.7	28.9	27.3	25.3	23.1	20.7	18	15.2
50-160 A1	10	7.5	8.3	14.1	34.3	35.4	35.3	35	34.7	34.3	33.8	33.2	32.4	30.7	28.7	26.5	24.3	21.8	19
50-160 A	10	7.5	9.4	15.8	36.7	37.9	37.8	37.7	37.4	37.1	36.6	36.1	35.4	33.9	32.1	30	27.8	25.3	22.6

Other voltages and frequencies available on request.

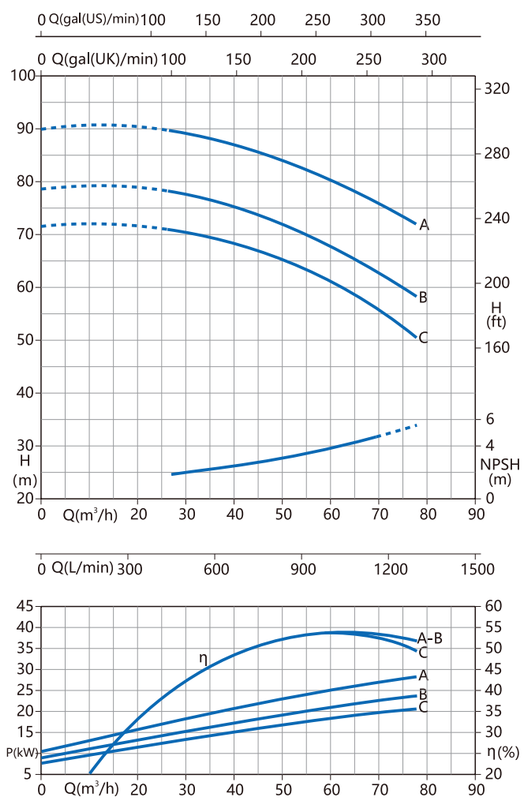
CMYD Series

SISTEMA

50-200



50-250



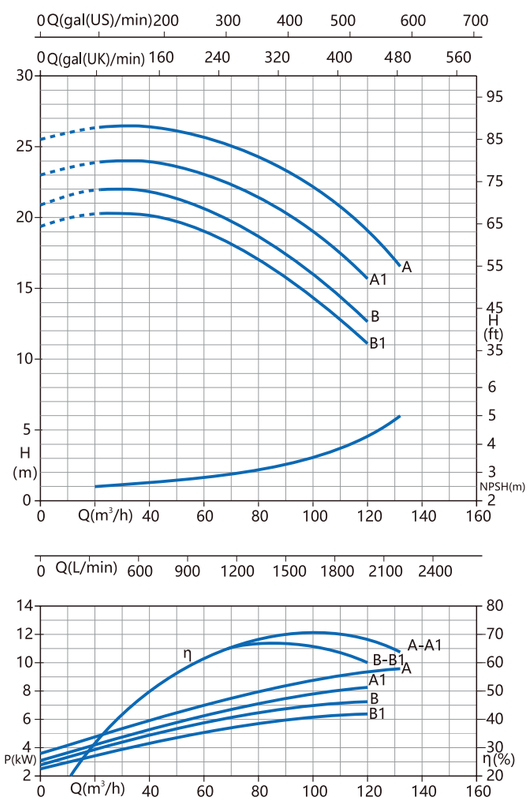
TYPE	P2		P1 (kW)	A	Q(m³/h-L/min)														
3~				3~	0	24	27	30	33	36	39	42	48	54	60	66	72	78	
					0	400	450	500	550	600	650	700	800	900	1000	1100	1200	1300	
	(HP)	(kW)	3~	3x400V 50 Hz	H(m)														
50-200 C	12.5	9.2	10.8	18.5	46	45.6	45.1	44.5	43.7	42.9	41.8	40.8	38.5	35.9	33	29	24.5	--	
50-200 B	15	11	12.4	21	50.8	51	50.5	50	49.3	48.5	47.7	46.8	44.7	42.2	39.5	35.9	32	--	
50-200 A1	20	15	14.5	25.4	57	57.3	57.1	56.7	56.2	55.96	54.8	54.1	54.1	50.2	47.5	44	40	--	
50-200 A	20	15	15.4	27	58	58.3	58	57.5	57.5	56.4	55.7	55	53.2	51.3	49	46.3	42.8	38.8	

Other voltages and frequencies available on request.

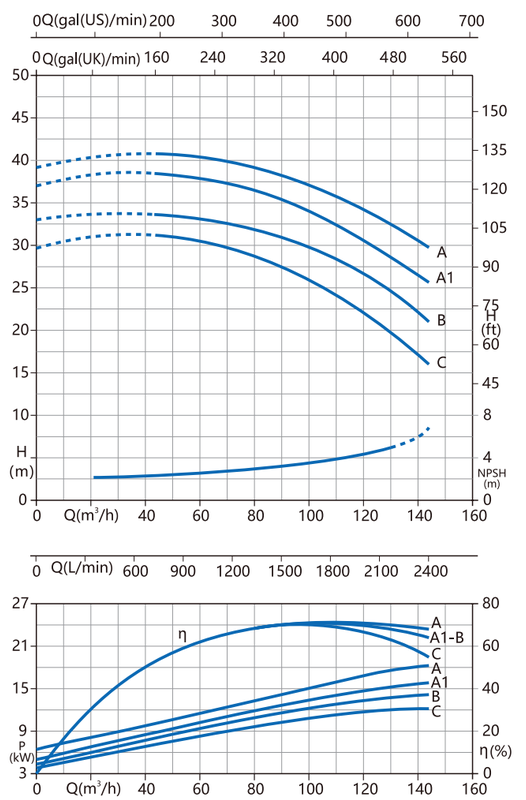
TYPE	P2		P1 (kW)	A	Q(m³/h-L/min)													
3~				3~	0	27	30	33	36	39	42	48	54	60	66	72	78	
					0	450	500	550	600	650	700	800	900	1000	1100	1200	1300	
	(HP)	(kW)	3~	3x400V 50 Hz	H(m)													
50-250 C	20	15	20	32.5	71.5	70.8	70.3	69.7	69	68.3	67.6	66	64	61.5	58.6	55	50.5	
50-250 B	25	18.5	23	14.5	78	78	77.4	76.8	76.1	75.3	74.5	72.8	70.6	68.2	65.5	62.2	58.3	
50-250 A	30	22.5	28.5	51.5	90	89.5	88.8	88.3	87.7	86.9	86.1	84.5	82.7	80.5	78	75.2	71.7	

Other voltages and frequencies available on request.

65-125



65-160



TYPE	P2		P1 (kW)	A	Q(m³/h-L/min)																					
3~				3~	0	30	33	36	39	42	48	54	60	66	72	78	84	96	108	120	132					
					0	500	550	600	650	700	800	900	1000	1100	1200	1300	1400	1600	1600	2000	2200					
	(HP)	(kW)	3~	3x400V 50 Hz	H(m)																					
65-125 B1	7.5	5.5	6.4	11	19.4	20.4	20.4	20.3	20.2	20.1	19.8	19.4	19	18.5	17.9	17.2	16.5	15	13.3	11.1	--					
65-125 B	7.5	5.5	7.2	12.6	20.9	22	22	21.9	21.8	21.7	21.4	21	20.6	20.1	19.6	19	18.3	16.6	14.7	12.6	--					
65-125 A1	10	7.5	8.1	14	23	24.1	24.1	24	23.9	23.8	23.6	23.3	23	22.7	22.3	21.8	21.2	19.7	17.8	15.7	--					
65-125 A	10	7.5	9.5	16.3	25.4	26.4	26.4	26.4	26.3	26.3	26.1	25.9	25.6	25.3	24.9	24.5	24	22.7	21	18.9	16.5					

Other voltages and frequencies available on request.

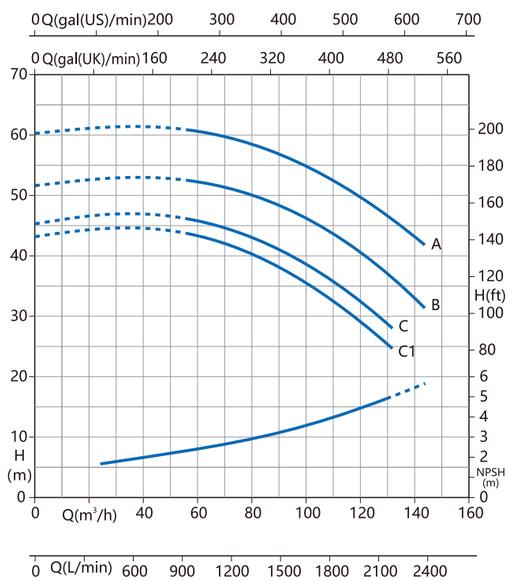
TYPE	P2		P1 (kW)	A	Q(m³/h-L/min)																					
3~				3~	0	42	48	54	60	66	72	78	84	96	108	120	132	144								
					0	700	800	900	1000	1100	1200	1300	1400	1600	1800	2000	2200	2400								
	(HP)	(kW)	3~	3x400V 50 Hz	H(m)																					
65-160 C	12.5	9.2	11.7	19.5	29.8	31.2	31.1	30.8	30.5	30.1	29.6	29	28.3	26.6	24.6	22.1	19.3	16								
65-160 B	15	11	13	22.5	33	34.6	34.4	34.2	34	33.7	33.3	32.8	32.1	30.6	28.8	26.7	24.1	21.1								
65-160 A1	20	15	15.8	27.6	37.1	38.5	38.3	38.1	37.8	37.5	37.1	36.7	36.1	34.6	32.8	30.7	28.4	25.7								
65-160 A	20	15	18	30	39.2	40.6	40.6	40.4	40.2	40	39.7	39.4	38.9	37.7	36.2	34.3	32.2	29.8								

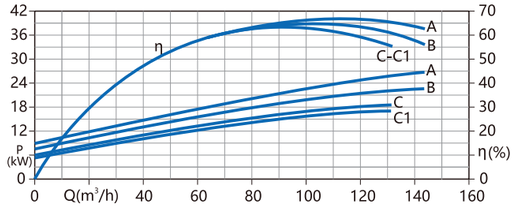
Other voltages and frequencies available on request.

CMYD Series

SISTEMA

65-200

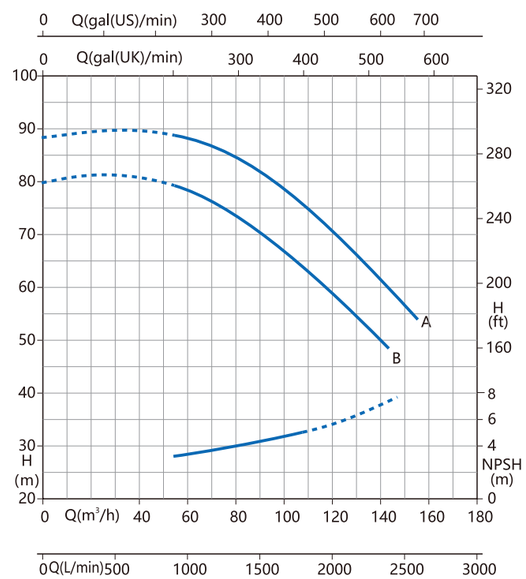


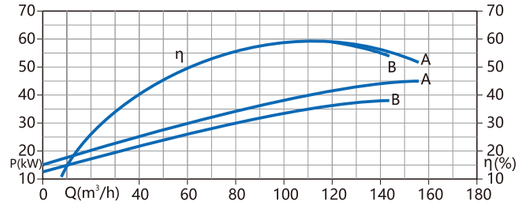


TYPE	P2		P1 (kW)	A	Q(m³/h-L/min)												
3~				3~	0	54	60	66	72	78	84	96	108	120	132	144	
					0	900	1000	1100	1200	1300	1400	1600	1800	2000	2200	2400	
	(HP)	(kW)	3~	3x400V 50 Hz	H(m)												
65-200 C1	20	15	17.1	28.8	43.1	43.8	43.2	42.5	41.7	40.6	39.5	36.8	33.4	29.3	24.5	--	
65-200 C	20	15	18.6	31.4	45.3	46.3	45.7	45.1	44.3	43.4	42.3	39.8	36.7	32.7	28	--	
65-200 B	25	18.5	22.6	38.2	51.6	52.6	52.2	51.8	51	50.2	49.3	47.1	44.1	40.9	36.6	31.3	
65-200 A	30	22.5	26.6	43.8	60.2	61	60.6	60.1	59.5	58.7	57.8	55.8	53.1	49.8	46.1	41.7	

Other voltages and frequencies available on request.

60-250

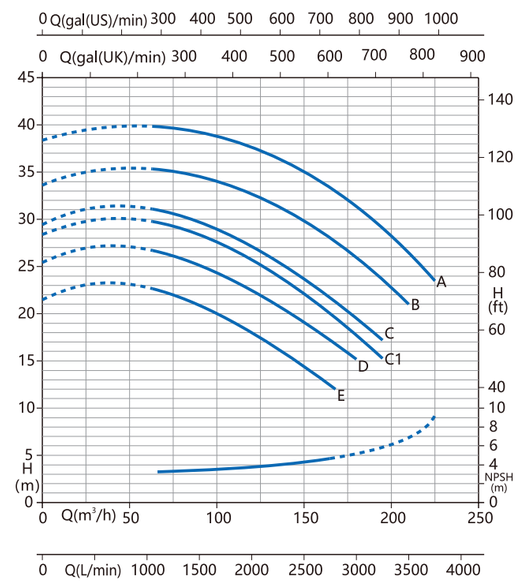


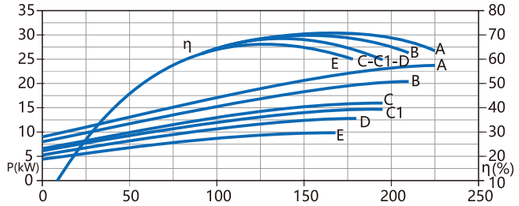


TYPE	P2		P1 (kW)	A	Q(m³/h-L/min)												
3~				3~	0	54	60	66	72	78	84	96	108	120	132	144	156
					0	900	1000	1100	1200	1300	1400	1600	1800	2000	2200	2400	2600
	(HP)	(kW)	3~	3x400V 50 Hz	H(m)												
65-250 B	40	30	37.8	63.5	81	79.5	78.5	77.3	76	74.5	73	69.3	65	60	54.5	48.5	--
65-250 A	50	37	45	74.5	90	89.5	88.5	87.5	86.5	85.5	84	80.5	76.5	72	66.5	60.5	54

Other voltages and frequencies available on request.

80-160

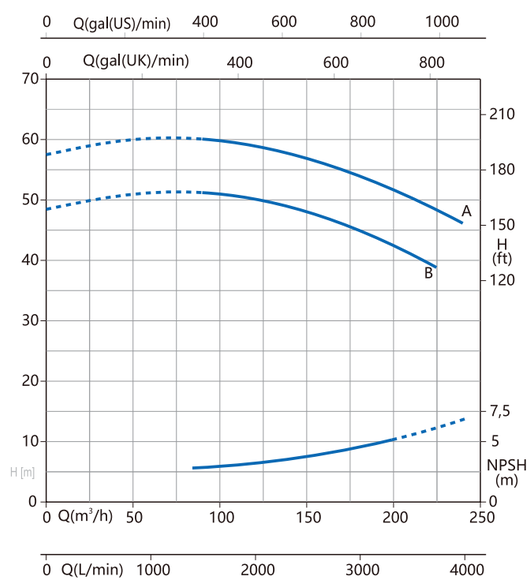


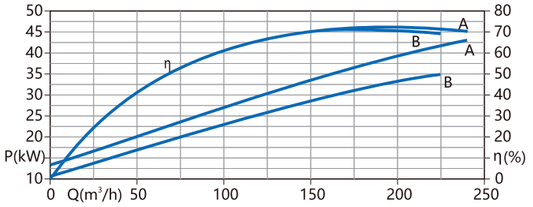


TYPE	P2		P1 (kW)	A	Q(m³/h-L/min)														
3~				3~	0	66	72	78	84	96	108	120	132	144	156	168	180	195	210	225
					0	1100	1200	1300	1400	1600	1600	2000	2200	2400	2600	2800	3000	3250	3500	3750
	(HP)	(kW)	3~	3x400V 50 Hz	H(m)															
80-160 E	12.5	9.2	9.9	17.2	21.4	22.4	22.1	21.6	21.2	20.2	19.2	18	16.8	15.4	13.7	12	--	--	--	--
80-160 D	15	11	12.7	22.1	25.4	36.4	26.1	25.7	25.3	24.4	23.6	22.5	21.3	20	18.5	16.9	15.1	--	--	--
80-160 C1	20	15	14.8	25.5	28.5	29.5	29.3	29	28.6	27.8	26.9	25.7	24.6	23.3	21.7	19.9	17.9	15.2	--	--
80-160 C	20	15	15.9	27.4	29.7	30.7	30.5	30.3	29.9	29.2	28.1	27.1	26	24.7	23.1	21.5	19.7	17.2	--	--
80-160 B	25	18.5	20.1	34.8	34	35	35	34.8	34.6	34	33.3	32.5	31.6	30.5	29.2	27.8	26	23.6	21	--
80-160 A	30	22.5	23.7	39.8	38.8	39.8	39.7	39.6	39.4	38.9	38.2	37.5	36.7	35.7	34.5	33.2	31.6	29.4	26.8	23.5

Other voltages and frequencies available on request.

80-200





TYPE	P2		P1 (kW)	A	Q(m³/h-L/min)													
3~				3~	0	84	96	108	120	132	144	156	168	180	195	210	225	240
					0	1400	1600	1800	2000	2200	2400	2600	2800	3000	3250	3500	3750	4000
	(HP)	(kW)	3~	3x400V 50 Hz	H(m)													
80-200 B	40	30	37.8	63.5	49	50.8	50.6	50.3	49.8	49.3	48.6	47.7	46.7	45.5	44.8	41.6	38.6	--
80-200 A	50	37	45	74.5	58	--	59.6	59.2	58.6	58	57.3	56.4	55.5	54.3	52.7	50.8	48.5	46.1

Other voltages and frequencies available on request.

ID2 Series
VERTICAL PIPELINE CIRCULATION PUMP

FUNCTION INTRODUCTION

- The Pump has launched the overheat protection function for the first time in 11KW and above water pump motors. Three series thermal protectors are built into the end of the motor winding. When the winding temperature exceeds 125°C, the overheat protector automatically gives a signal, the AC contactor of the control cabinet is disconnected, and the motor will stop working, thereby protecting the water pump motor.
- The motor cannot be started immediately after it stops working. It needs to wait for the motor to cool down (20-30 minutes) and then restart manually to work normally.

CONNECTION METHOD

- Motor terminal: Please find the two thermal protector signal connection terminals P1、P2 on the motor terminal board.
- Control cabinet terminal: Please find the connection wires of the start button and stop button on the control cabinet, remove the start button connection wire and connect it to one of the thermal protector wires, and then remove the stop button connection wire and connect it to the other thermal protector wire. The wiring is complete, which is convenient and fast, and safe protection.

TECHNICAL PARAMETERS

- Flow: 2.5~240 m^3/h
- Head: 7~63 m
- Power: 0.37kW~37 kW
- Temp: -20~120°C
- Speed: 2900/2950r/min
- Material: Cast iron
- Rotation: Clockwise from the blade end

PUMP STRUCTURE AND FEATURES

- ID2 series pipeline pump is a non-self-priming, vertical direct-connected, single-stage single-suction centrifugal pump. The suction port and discharge port of the pump are of the same size and are located on the same horizontal line. The pump body is equivalent to a section of pipeline. During maintenance, the pump rotor components can be pulled out from the top and the pump body can be sealed with a blind flange, so as not to affect the normal operation of the system.
- The product is designed according to the characteristics of single-stage single-suction pumps, with reference to domestic and international standards, using excellent hydraulic models, reasonable pump head distribution, and CFD to improve pump efficiency. It is a series of products.
- The inlet and outlet flanges of the cast iron pump body meet the GB/T17241.6 (IS07005-2) standard, and the pressure level is PN10.
- The shaft seal adopts imported or Sino-foreign joint venture high-end brand mechanical seals, which have better wear resistance and sealing performance. Compared with similar products, it is less susceptible to impurities in the pump conveying medium.
- The product is equipped with a fully enclosed, air-cooled IEC standard motor: The motor is equipped with a high-end high-quality imported brand grease-lubricated guide deep groove ball bearing.
- The water pump and the motor adopt a direct-connected extended shaft structure, which has a compact structure, small size, light weight, small space occupation and easy installation.

IDENTIFICATION CODES

ID2 100 - 32 A

- A: First cutting (trimming) of the same type of impeller
- 32: Rated head (m)
- 100: Nominal diameter of inlet and outlet (DN)
- ID2: Vertical pipeline centrifugal pump (with 2-pole motor)/ 4-Pole also available, pls contact our sales.

(Note: Model suffix is specified in another article)

MATERIALS

- The pump body, pump cover (vertical cover), and impeller are made of gray cast iron HT200 as standard. Users can choose special materials according to their actual use environment and working conditions. (Please specify when ordering)

MOTOR

- ID2 fully enclosed, air-cooled, two-pole standard motor
  Protection level: IP55
  Insulation level: F
  Standard voltage:50Hz:1x220-230/240V
  3x200-220/346-380V
  3x220-240/380-415V

Minimum inlet pressure

Before the centrifugal pump is operated, it is necessary to prime the pump and remove the gas in the pump chamber to ensure that the pump can absorb water and operate normally and stably. If the liquid pressure in the pump chamber is lower than its vaporization pressure, cavitation may occur during the operation of the pump. To avoid cavitation, it is necessary to ensure that there is a minimum pressure on the pump inlet side. The minimum pressure on the pump inlet side is related to the system in which the pump is located and the usage conditions, and generally does not need to be calculated. The maximum suction range of the pump is only required to be calculated when the pump is used in the following situations:

- When the liquid temperature is high (generally over 50°C)
- The diameter of the water pump inlet pipe is small
- The water pump suction range is large or the water inlet pipeline is long
- The system pressure is too low (such as water absorption in a semi-vacuum state)
- The inlet conditions are poor (such as a long water inlet pipeline, too many coils, etc.)

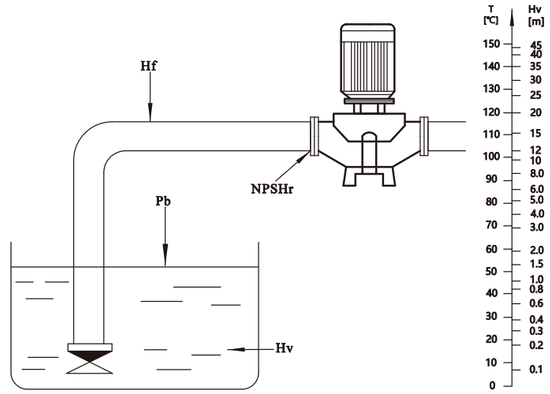
OPERATING CONDITIONS

Vertical pipeline circulation pumps are suitable for conveying thin, clean liquids without solid particles or fibers, or liquids with physical and chemical properties like water.

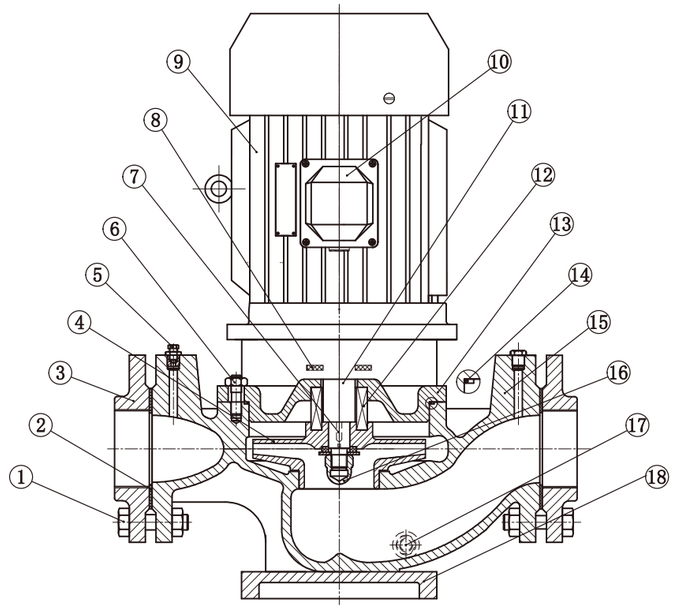
- Maximum working pressure: Conventional type: 1.0MPa
  High pressure type: 1.6MPa
- Applicable liquid temperature: -20°C~120°C
- Maximum ambient temperature: 40°C

The maximum suction head H (m) (or the installation height of the water pump) can be calculated as follows: H = Hatm-NPSH-Hf-HV-0.5 The meaning of the formula is as follows:

- Hatm: atmospheric pressure, take the static pressure of the system in a 10m closed pipeline (m)
- NPSH: net positive suction head of the pump (m)
- Hf: pipeline loss at the pump inlet (m)
- Hv; vaporization pressure of the liquid at the corresponding temperature (m) 0.5m; safety margin
- Vaporization pressure of water at different temperatures



STRUCTURE DIAGRAM



NO.	Part name
18	Base
17	Drain plug
16	Impeller nut
15	Pump body
14	Seal ring
13	Joint seat
12	Mechanical seal
11	Shaft
10	Motor junction box
9	Motor
8	Water retaining rubber ring
7	Flat key
6	Joint screw
5	Exhaust valve
4	Impeller
3	Flange
2	Flange rubber pad
1	Flange screw

ID2 Series

VERTICAL PIPELINE CIRCULATION PUMP

FUNCTION INTRODUCTION

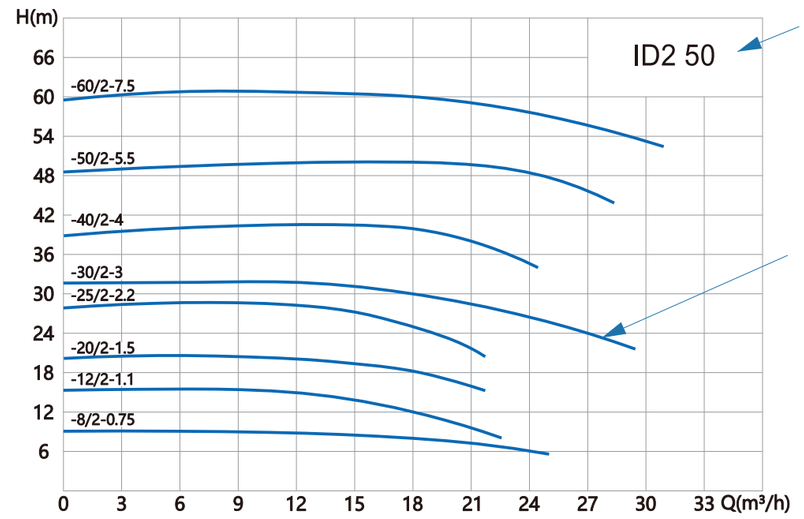
ID2 vertical pipeline circulation pump is a multi-purpose water delivery and pressure-boosting product. It can be used to pump and deliver diluted, clean, non-corrosive water at room temperature and liquids with a viscosity below 5°E and physical and chemical properties similar to water. It is widely used in water supply, refrigeration, fire protection, electroplating, chemical industry, extrusion equipment, environmental protection sewage treatment and other system equipment.

- Water supply system.
- Fire protection system
- Refrigeration system
- Electroplating industry
- Chemical industry
- Sewage treatment

Liquid		Max. temperature	Liquid requirement	Application
Water	Underground Water	<90℃		ID2 pumps are applicable for urban water supply, industrial water. cooling system, and cold & het water for regional heat supply system: 1)main circulation pump 2)mixed circuit pump 3)boiler mixed-flow pump 4)gas-fired freezer pump 5)filhter pump 6) constant pressure system pump 7)urban hot water circulation
	Water supply for boiler	<110℃		
	Water supply for regions	<110℃		
	Condensate water	<90℃		
	Soft water	-15℃~110℃		
	Alkalescent water		Weak alkalcacence	
	Sea water		Weak alkalescence	
	Cooling or lubricant for mechanical process		Addictive and little impurity may impair the shaft seal	
Coolig liquid	Hydro carbon antifreeze	<50℃	Tiny quantity rime may impair the shaft seal	ID2 pumps can be used in chemical industry, pharmaceutical industry, food processing and so on. 1)Eiquid feeding 2)sysiem pressure boosting 3)mixed circuit circulation pump
	Alccholised compound	≤50℃ 50%		
	30% brine(NaC1, CaC12 solution)	≤50℃	Tiny quantity rime may impair the shaft seal	
Organic solvent	Diesel oil	≤60℃	Imflammable liquld	
	Coaloil	≤60℃		
Oxidant	Hydrogen peroxide	≤60℃ 20%		

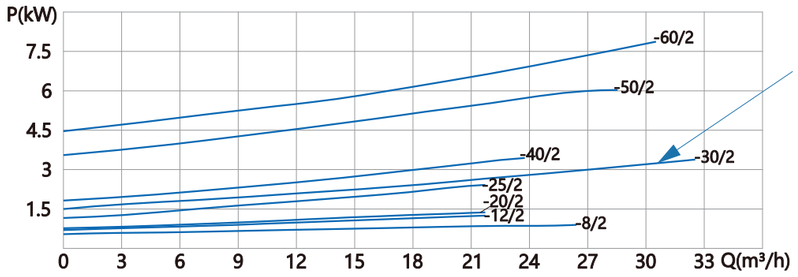
SISTEMA

HYDRAULIC PERFORMANCE CURVES

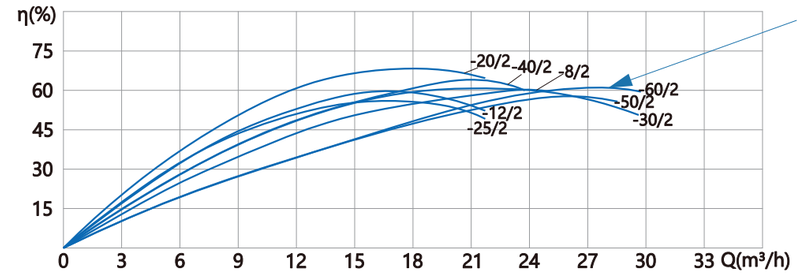


Pump model series

The operating flow of the pump flow-head curve should not exceed the range shown in the curve.



The pump flow-power curve model corresponds to the corresponding curve



The pump flow-efficiency curve model corresponds to the corresponding curve

CURVE CONDITIONS

The curves listed in the sample meet the following instructions:

- Curve tolerances comply with IS09906:2012, 3B level.
- All curves are based on 3x380V, motor measurements at a constant speed of 2900rpm/2950rpm.
- The test medium is clean water at a temperature of 20°C, without any solid impurities or air.
- The use range of the pump should be based on the range shown in the curve to prevent heating due to low flow, or motor overload due to overflow operation, etc.
- If the viscosity or density of the pumped liquid is different from that of water, the motor performance must be adjusted.

ID2 Series

VERTICAL PIPELINE CIRCULATION PUMP

TECHNICAL DATA

Series	NO.	Pump Model	Q.max	H.max	Rotational speed	Motor Power		Size
			m^3/h	m	r/min	kW	r/min	DN/PN
ID2 25	1	ID2 25-15	4	15	2900	0.55	220V/380V	Thread
ID2 32	2	ID2 32-14	5	14	2900	0.37	220V/380V	DN32/PN6
	3	ID2 32-16	8	16	2900	0.75	220V/380V	DN32/PN6
	4	ID2 32-20	6	20	2900	0.75	220V/380V	DN32/PN6
	5	ID2 32-30	6	30	2900	1.5		DN32/PN6
ID2 40	5	ID2 40-10	11.4	10	2900	0.75	220V/380V	DN40/PN10
	6	ID2 40-15	11.4	15	2900	1.1	220V/380V	DN40/PN10
	7	ID2 40-20	11.4	20	2900	1.5		DN40/PN10
	8	ID2 40-21	20	21	2900	2.2		DN40/PN10
	9	ID2 40-26	20	26	2900	3		DN40/PN10
	10	ID2 40-29	25	29	2900	4		DN40/PN10
	11	ID2 40-30	11.4	30	2900	2.2		DN40/PN10
	12	ID2 40-50	11.4	50	2900	4		DN40/PN10
ID2 50	13	ID2 50-8	18	8	2900	0.75		DN50/PN10
	14	ID2 50-12	18	12	2900	1.1		DN50/PN10
	15	ID2 50-20	12.5	20	2900	1.5		DN50/PN10
	16	ID2 50-25	18	25	2900	2.2		DN50/PN10
	17	ID2 50-30	18	30	2900	3		DN50/PN10
	18	ID2 50-40	18	40	2900	4		DN50/PN10
	19	ID2 50-50	18	50	2900	5.5		DN50/PN10
	20	ID2 50-60	18	60	2900	7.5		DN50/PN10
	21	ID2 50-15	18	25	2900	1.5		DN50/PN10
	22	ID2 50-17	18	17	2900	1.5		DN50/PN10
	23	ID2 50-18	25	18	2900	2.2		DN50/PN10
	24	ID2 50-24	25	24	2900	3		DN50/PN10
	25	ID2 50-28	30	28	2900	4		DN50/PN10
	26	ID2 50-34	30	34	2900	5.5		DN50/PN10
ID2 65	27	ID2 65-10	25	10	2900	1.5		DN65/PN10
	28	ID2 65-16	25	16	2900	2.2		DN65/PN10
	29	ID2 65-19	25	19	2900	2.2		DN65/PN10
	30	ID2 65-22	40	22	2900	4		DN65/PN10
	31	ID2 65-25	25	25	2900	3		DN65/PN10
	32	ID2 65-30	25	30	2900	4		DN65/PN10
	33	ID2 65-29	45	29	2900	5.5		DN65/PN10
	34	ID2 65-35	50	35	2900	7.5		DN65/PN10
	35	ID2 65-40	25	40	2900	5.5		DN65/PN10
	36	ID2 65-50	25	50	2900	7.5		DN65/PN10
	37	ID2 65-60	25	60	2950	11		DN65/PN10

SISTEMA®

TECHNICAL DATA

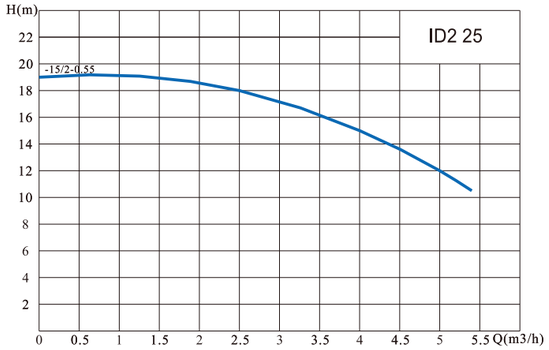
Series	NO.	Pump Model	Q.max	H.max	Rotational speed	Motor Power	Size
			m^3/h	m	r/min	kW	DN/PN
ID2 80	40	ID2 80-14	42	14	2900	3	DN80/PN10
	41	ID2 80-21	42	21	2900	4	DN80/PN10
	42	ID2 80-24	42	24	2900	4	DN80/PN10
	43	ID2 80-30	42	30	2900	5.5	DN80/PN10
	44	ID2 80-40	42	40	2900	7.5	DN80/PN10
	45	ID2 80-50	42	50	2950	11	DN80/PN10
	46	ID2 80-18	50	18	2900	4	DN80/PN10
	47	ID2 80-23	50	23	2900	5.5	DN80/PNI0
	48	ID2 80-29	50	29	2900	7.5	DN80/PN10
	49	ID2 80-32	70	32	2950	11	DN80/PN10
	50	ID2 80-38	80	38	2900	15	DN80/PN10
ID2 100	51	ID2 100-16	48	16	2900	4	DN100/PN10
	52	ID2 100-21	60	21	2900	5.5	DN100/PN10
	53	ID2 100-30	50	30	2900	7.5	DN100/PN10
	54	ID2 100-50A	50	46	2950	11	DN100/PN10
	55	ID2 100-50	50	50	2950	15	DN100/PN10
	56	ID2 100-10	80	10	2900	4	DN100/PN10
	57	ID2 100-19A	80	15	2900	5.5	DN100/PN10
	58	ID2 100-17	80	17	2900	5.5	DN100/PN10
	59	ID2 100-19	90	19	2900	7.5	DN100/PN10
	60	ID2 100-32B	75	24	2900	7.5	DN100/PN10
	61	ID2 100-32A	90	28	2950	11	DN100/PN10
	62	ID2 100-32	100	32	2950	15	DN100/PN10
	63	ID2 100-38	87	38	2950	15	DN100/PN10
	64	ID2 100-44	94	44	2950	185	DN100/PN10
	65	ID2 100-50K	100	50	2950	22	DN100/PN10
ID2 125	66	ID2 125-9	130	9	2950	5.5	DN125/PN10
	67	ID2 125-10	143	10	2950	7.5	DN125/PN10
	68	ID2 125-14	120	14	2900	7.5	DN125/PN10
	69	ID2 125-16	143	16	2950	11	DN125/PN10
	70	ID2 125-24	138	24	2950	15	DN125/PN10
	71	ID2 125-28	150	28	2950	185	DN125/PN10
	72	ID2 125-32	160	32	2950	22	DN125/PN10
	73	ID2 125-38	138	38	2950	22	DN125/PN10
	74	ID2 125-44	150	44	2950	30	DN125/PN10
	75	ID2 125-50	160	50	2950	37	DN125/PN10
ID2 150	76	ID2 150-14	167	14	2950	11	DN150/PN10
	77	ID2 150-17	184	17	2950	15	DN150/PN10
	78	ID2 150-20	200	20	2950	185	DN150/PN10
	79	ID2 150-24	173	24	2950	18.5	DN150/PN10
	80	ID2 150-28	187	28	2950	22	DN150/PN10
	81	ID2 150-32	200	32	2950	30	DN150/PN10

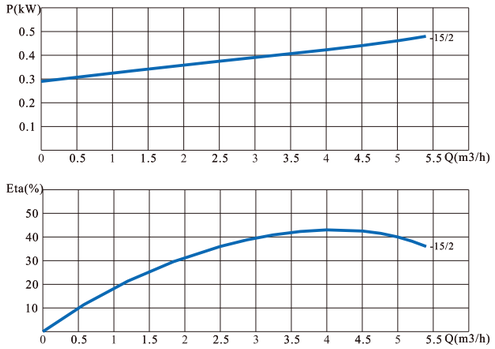
Note: 1. When the pump inlet and outlet integral casting flange grade is selected as PN6, the corresponding PN6 matching flanges for inlet and outlet can be provided according to demand.
2. Due to product updates, the models and data are not complete, please consult our company separately.

ID2 Series

VERTICAL PIPELINE CIRCULATION PUMP

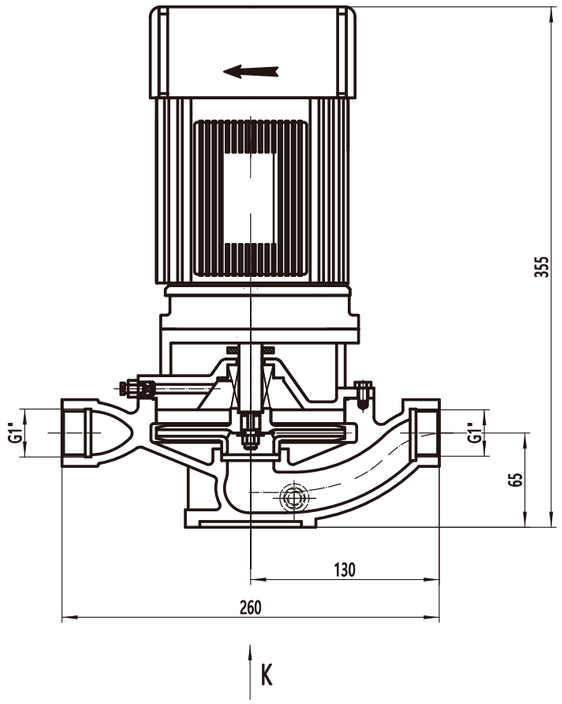
HYDRAULIC PERFORMANCE CURVES

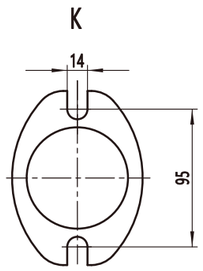




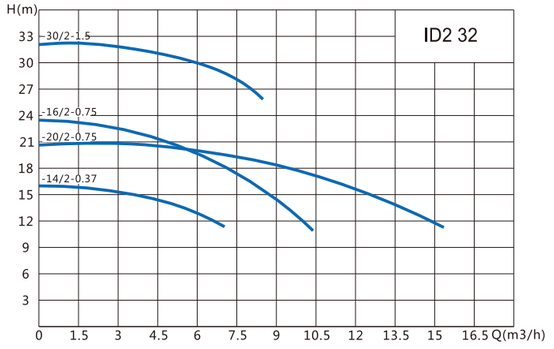
ID2 25 TECHNICAL DATA

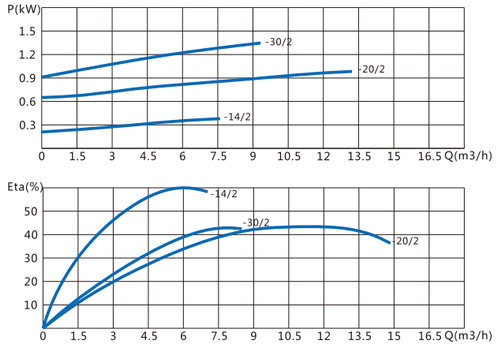
Pump Model	Motor Power kW	Q.max(m³/h)	1	2	3	3.5	4	4.5	5
ID2 25-15	0.55 (220V/380V)	H.max(m)	19	18	17	16	15	13	12





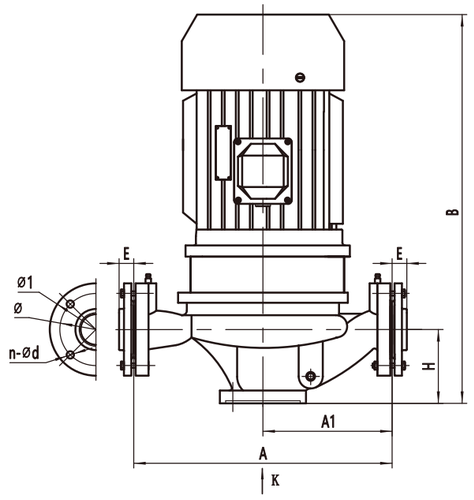
HYDRAULIC PERFORMANCE CURVES

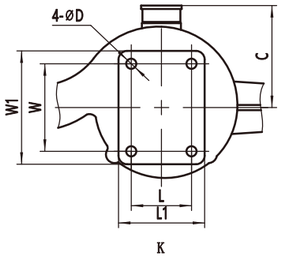




ID2 32 TECHNICAL DATA

Pump Model	Motor Power kW	Q.max(m³/h)	1.5	3	5	6	9	12	15
ID2 32-14	0.37	H.max (m)	15.5	15	14	13			
ID2 32-16	0.75		23	22.5	21	20	14.5		
ID2 32-20	0.75		20.6	20.5	20.3	20	18	15.5	11
ID2 32-30	1.5		32	31	30.5	30			





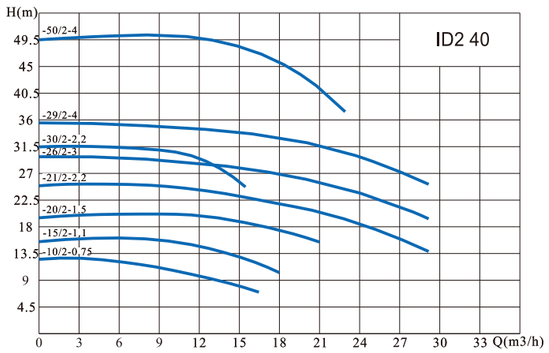
OVERALL & INSTALLATION DIMENSIONS

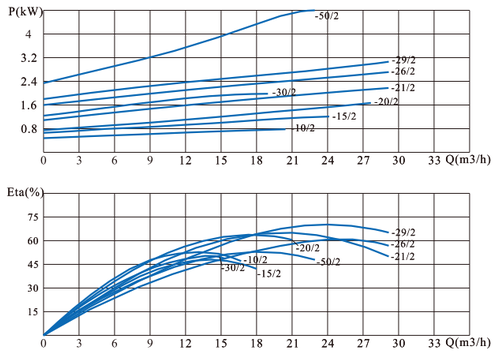
Pump Model	Overall dimension (mm)										Flange size (mm)			
	A	B	C	D	H	L	W	A1	L1	W1	E	Φ	Φ1	n-Φd
ID2 32-14	230	378	130	14	70	65	95	115	90	120	21	80	100	4-Φ10
ID2 32-16	280	375	130	14	80	0	95	140	-	120	20	90	120	4-Φ14
ID2 32-20	280	375	130	14	80	0	95	140		120	20	90	120	4-Φ14
ID2 32-30	320	450	160	14	85	80	110	150	110	140	24	90	120	4-Φ14

ID2 Series

VERTICAL PIPELINE CIRCULATION PUMP

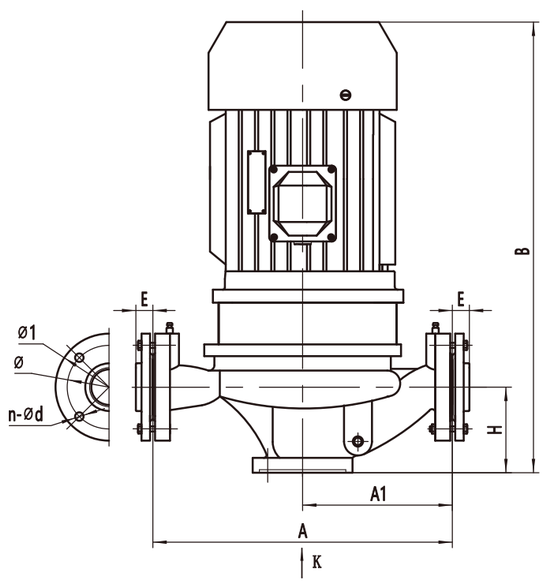
HYDRAULIC PERFORMANCE CURVES

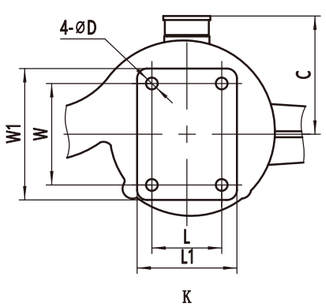




ID2 40 TECHNICAL DATA

Pump Model	Motor Power kW	Q.max(m^3/h)	6	9	11.4	15	20	25	27
ID2 40-10	0.75		12	11	10	8			
ID2 40-15	1.1		16	15.5	15	13			
ID2 40-20	1.5		20	20	20	19	16		
ID2 40-21	2.2	H.max (m)	25	25	24	23	21	17.5	16
ID2 40-26	3		29.5	29	28.5	28	26	23	21
ID2 40-29	4		35	35	34.5	34	32	29	27
ID2 40-30	2.2		31	30.5	30	25			
ID2 40-50	4		50	50.3	50	48	43		

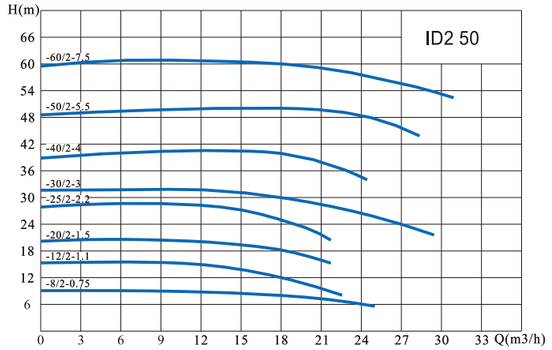


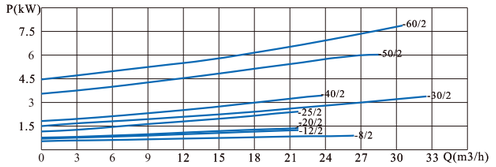


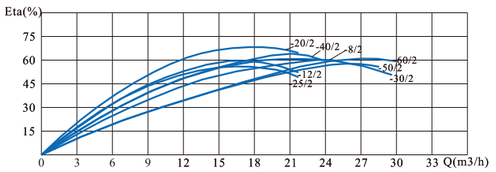
OVERALL & INSTALLATION DIMENSIONS

Pump Model	Overall dimension (mm)										Flange size (mm)			
	A	B	C	D	H	L	W	A1	L1	W1	E	Φ	Φ1	n-Φd
ID2 40-10	300	430	140	14	105	80	120	150	115	150		110	150	4-Φ17.5
ID2 40-15	300	430	140	14	105	80	120	150	115	150		110	150	4-Φ17.5
ID2 40-20	300	460	160	14	105	80	120	150	115	150		110	150	4-Φ17.5
ID2 40-21	340	485	160	14	105	80	120	170	115	150		110	150	4-Φ17.5
ID2 40-26	340	525	175	14	105	80	120	170	115	150		110	150	4-Φ17.5
ID2 40-29	340	590	200	14	105	80	120	170	115	150		110	150	4-Φ17.5
ID2 40-30	330	485	160	14	105	80	120	170	115	150		110	150	4-Φ17.5
ID2 40-50	350	580	200	14	90	70	110	180	100	140		110	150	4-Φ17.5

HYDRAULIC PERFORMANCE CURVES







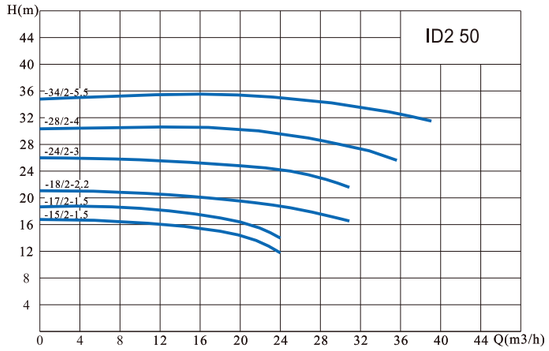
ID2 50 TECHNICAL DATA

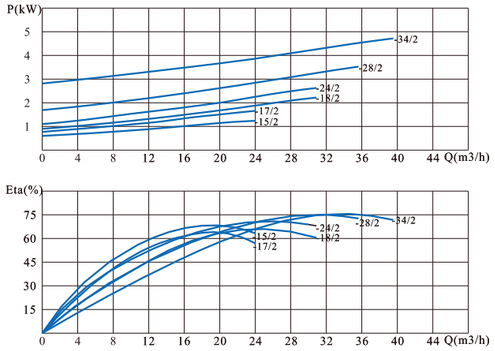
Pump Model	Motor Power kW	Q.max(m^3/h)	9	12.5	18	21	24	27	30
ID2 50-8	0.75		9	8.5	8	7			
ID2 50-12	1.1		15	14.5	12	9			
ID2 50-20	1.5		20.4	20	18	16			
ID2 50-25	2.2	H.max (m)	28.5	28	25	21			
ID2 50-30	3		31.5	31.5	30	28	26	24	
ID2 50-40	4		40	40.5	40	38	34		
ID2 50-50	5.5		49	50	50	49.5	48	45	
ID2 50-60	7.5		60.5	60.5	60	59	57	55	53

ID2 Series

VERTICAL PIPELINE CIRCULATION PUMP

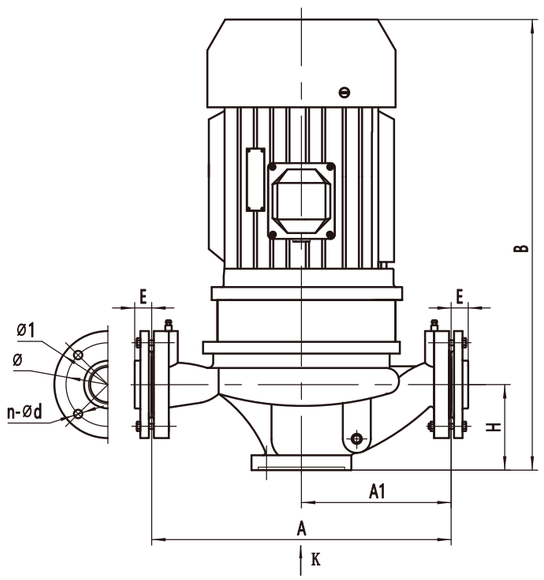
HYDRAULIC PERFORMANCE CURVES

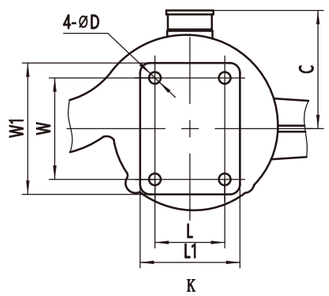




ID2 50 TECHNICAL DATA

Pump Model	Motor Power kW	Q.max(m^3/h)	8	12	18	25	28	30	36
ID2 50-15	1.5		16.5	16	15				
ID2 50-17	1.5		18.5	18	17				
ID2 50-18	2.2	H.max	20.5	20.5	20	17	16		
ID2 50-24	3	(m)	25.8	25.5	25	24	23	22	
ID2 50-28	4		30.5	30	30	29	28.5	28	26
ID2 50-34	5.5		36.5	36	35.5	35	34.5	34	32



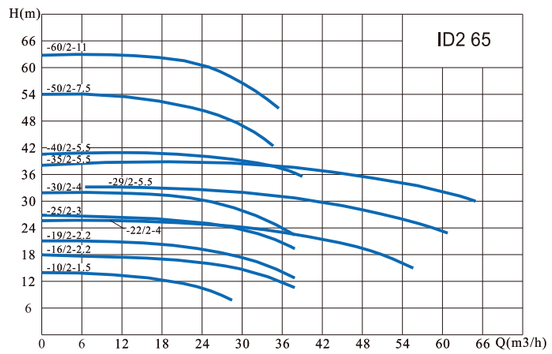


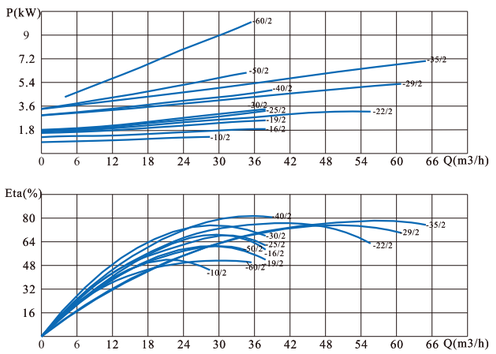
OVERALL & INSTALLATION DIMENSIONS

Pump Model	Overall dimension (mm)										Flange size (mm)			
	A	B	C	D	H	L	W	A1	L1	W1	E	Φ	Φ1	n-Φd
ID2 50-8	290	425	140	14	95	70	110	150	100	140		125	165	4-Φ17.5
ID2 50-12	300	430	140	14	105	80	120	150	115	150		125	165	4-Φ17.5
ID2 50-20	300	460	160	14	105	80	120	150	115	150		125	165	4-Φ17.5
ID2 50-25	330	485	160	14	105	80	120	170	115	150		125	165	4-Φ17.5
ID2 50-30	330	525	175	14	105	80	120	170	115	150		125	165	4-Φ17.5
ID2 50-40	330	580	200	14	105	80	120	170	115	150		125	165	4-Φ17.5
ID2 50-50	360	620	220	14	125	100	140	185	135	170		125	165	4-Φ17.5
ID2 50-60	360	620	220	14	125	100	140	185	135	170		125	165	4-Φ17.5

Pump Model	Overall dimension (mm)										Flange size (mm)			
	A	B	C	D	H	L	W	A1	L1	W1	E	Φ	Φ1	n-Φd
ID2 50-15	300	460	160	14	105	80	120	150	115	150		125	165	4-Φ17.5
ID2 50-17	300	460	160	14	105	80	120	150	115	150		125	165	4-Φ17.5
ID2 50-18	340	490	160	14	120	80	120	170	115	150		125	165	4-Φ17.5
ID2 50-24	340	540	175	14	120	80	120	170	115	150		125	165	4-Φ17.5
ID2 50-28	340	600	200	14	125	80	120	170	115	150		125	165	4-Φ17.5
ID2 50-34	340	630	220	14	125	80	120	170	115	150		125	165	4-Φ17.5

HYDRAULIC PERFORMANCE CURVES



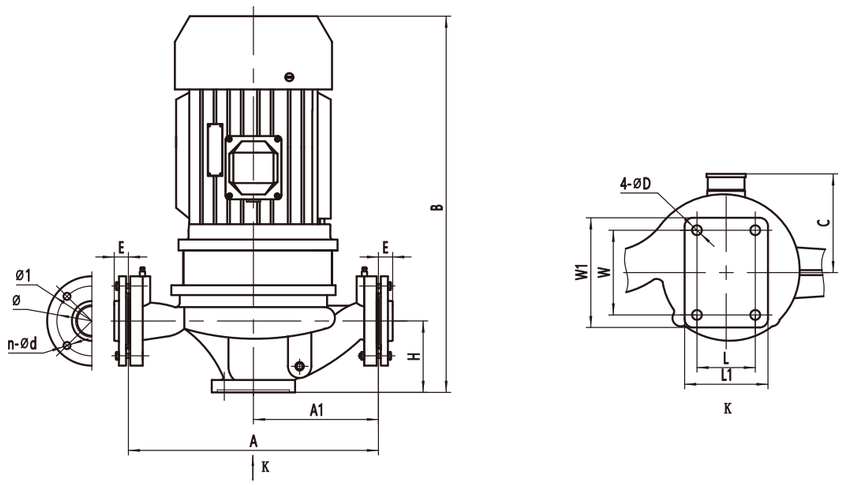


ID2 Series

VERTICAL PIPELINE CIRCULATION PUMP

ID2 65 TECHNICAL DATA

Pump Model	Motor Power kW	Q.max(m^3/h)	12	25	33	40	45	50	60
ID2 65-10	1.5	H.max (m)	13	10	13				
ID2 65-16	2.2		17.5	16	16				
ID2 65-19	2.2		20.5	19	23.5	22	20.5	18.5	
ID2 65-22	4		25.6	24.5	22				
ID2 65-25	3		26.5	25	26				
ID2 65-30	4		31.5	30	31.5	30	29	27	23
ID2 65-29	5.5		33	32	38	37	36	35	32
ID2 65-35	7.5		38.5	38.5	38				
ID2 65-40	5.5		41	40	44				
ID2 65-50	7.5		53	50	54				
ID2 65-60	11		62.5	60					

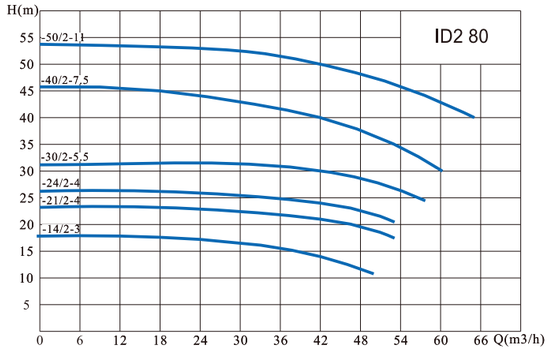


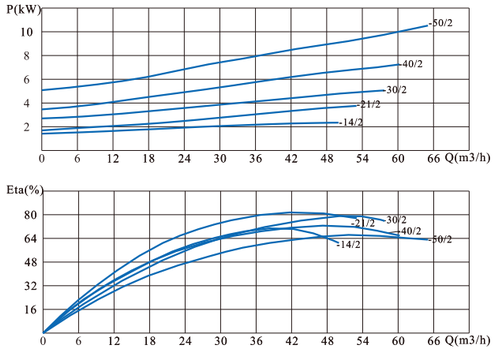
OVERALL & INSTALLATION DIMENSIONS

Pump Model	Overall dimension (mm)										Flange size (mm)			
	A	B	C	D	H	L	W	A1	L1	W1	E	Φ	Φ1	n-Φd
ID2 65-10	315	480	160	14	115	100	140	165	135	170		145	185	4-Φ17.5
ID2 65-16	315	505	160	14	115	100	140	165	135	170		145	185	4-Φ17.5
ID2 65-19	315	505	160	14	115	100	140	165	135	170		145	185	4-Φ17.5
ID2 65-22	350	595	200	14	130	100	140	175	135	170		145	185	4-Φ17.5
ID2 65-25	345	550	175	14	120	100	140	175	135	170		145	185	4-Φ17.5
ID2 65-29	360	630	220	14	125	100	140	180	135	170		145	185	4-Φ17.5
ID2 65-30	345	590	200	14	120	100	140	175	135	170		145	185	4-Φ17.5
ID2 65-35	360	630	220	14	125	100	140	180	135	170		145	185	4-Φ17.5
ID2 65-40	370	655	220	14	125	200	170	190	226	196		145	185	4-Φ17.5
ID2 65-50	370	655	220	14	125	200	170	190	226	196		145	185	4-Φ17.5
ID2 65-60	370	745	265	14	125	200	170	190	226	196		145	185	4-Φ17.5

SISTEMA

HYDRAULIC PERFORMANCE CURVES

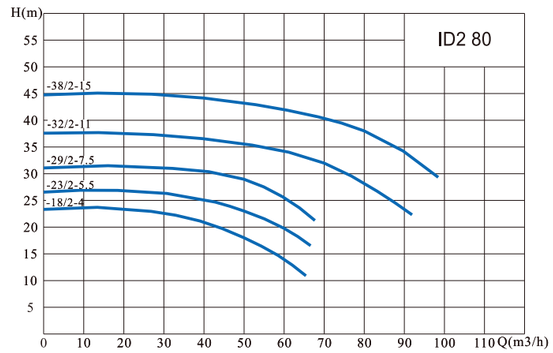


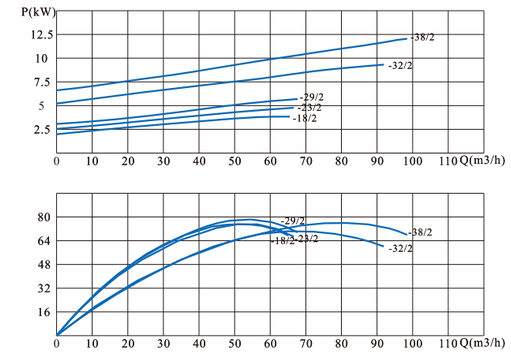


ID2 80 TECHNICAL DATA

Pump Model	Motor Power kW	Q.max(m^3/h)	18	24	30	36	42	50	60
ID2 80-14	3	H.max (m)	17.5	17	16	15	14	10	
ID2 80-21	4		23.2	23	22	21.5	21	19	
ID2 80-24	4		26.5	26	25.5	25	24	22	
ID2 80-30	5.5		31.5	31.5	31	31	30	28	
ID2 80-40	7.5		45	44	43	41	40	36	30
ID2 80-50	11		53	53	52	51	50	47	42

HYDRAULIC PERFORMANCE CURVES



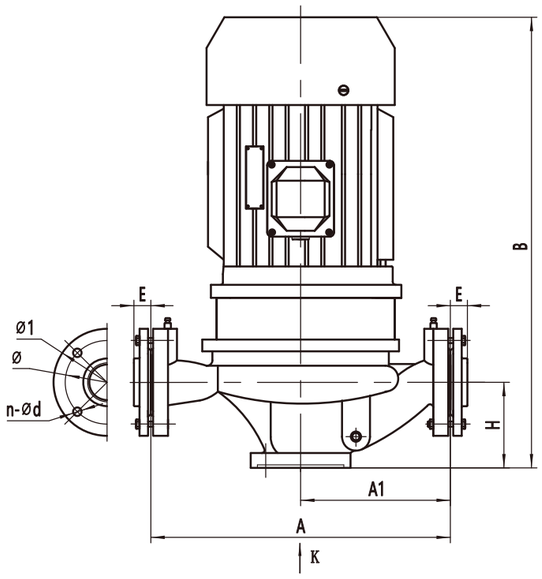


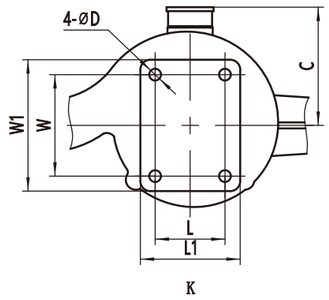
ID2 80 TECHNICAL DATA

Pump Model	Motor Power kW	Q.max(m^3/h)	30	40	50	60	70	80	90
ID2 80-18	4	H.max (m)	22.5	21	18	14			
ID2 80-23	5.5		26	25	23	19			
ID2 80-29	7.5		31	30	29	25			
ID2 80-32	11		37	36.5	35.5	34	32	28	23
ID2 80-38	15		45	36.5	43	42	40	38	34

ID2 Series

VERTICAL PIPELINE CIRCULATION PUMP





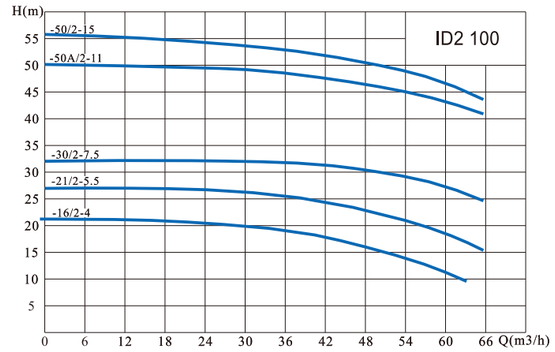
OVERALL & INSTALLATION DIMENSIONS

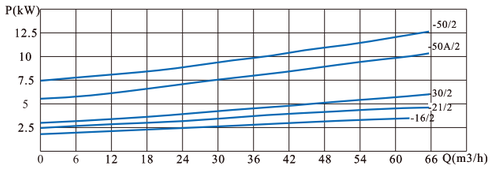
Pump Model	Overall dimension (mm)										Flange size (mm)			
	A	B	C	D	H	L	W	A1	L1	W1	E	Φ	Φ1	n-Φd
ID2 80-14	375	570	175	14	125	100	140	200	135	170		160	200	8-Φ17.5
ID2 80-21	375	590	200	14	125	100	140	200	135	170		160	200	8-Φ17.5
ID2 80-24	375	590	200	14	125	100	140	200	135	170		160	200	8-Φ17.5
ID2 80-30	375	620	220	14	125	100	140	200	135	170		160	200	8-Φ17.5
ID2 80-40	450	690	220	16	135	200	170	235	226	196		160	200	8-Φ17.5
ID2 80-50	450	775	265	16	135	200	170	235	226	196		160	200	8-Φ17.5

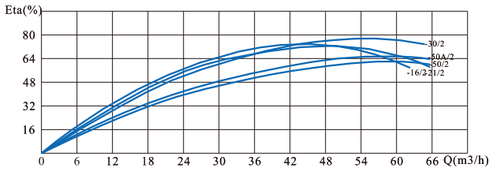
Pump Model	Overall dimension (mm)										Flange size (mm)			
	A	B	C	D	H	L	W	A1	L1	W1	E	Φ	Φ1	n-Φd
ID2 80-18	375	590	200	14	125	100	140	200	135	170		160	200	8-Φ17.5
ID2 80-23	375	620	220	14	125	100	140	200	135	170		160	200	8-Φ17.5
ID2 80-29	375	620	220	14	125	100	140	200	135	170		160	200	8-Φ17.5
ID2 80-32	450	830	265	14	135	100	140	225	135	170		160	200	8-Φ17.5
ID2 80-385	450	830	265	14	135	100	140	225	135	170		160	200	8-Φ17.5

SISTEMA®

HYDRAULIC PERFORMANCE CURVES

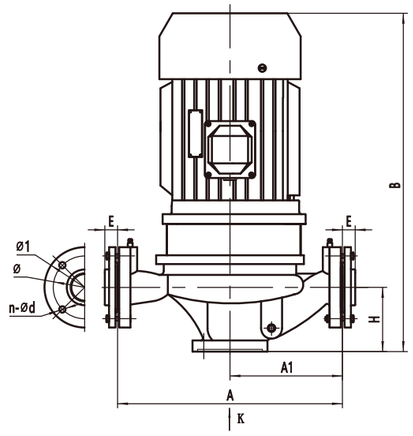


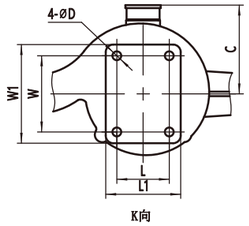




ID2 100 TECHNICAL DATA

Pump Model	Motor Power kW	Q.max(m³/h)	18	36	42	48	50	54	60
ID2 100-16	4	H.max (m)	21	19	17	16	15	14	11
ID2 100-21	5.5		27	26	25	24	23	22	21
ID2 100-30	7.5		32	31	30.5	30.2	30	29	27
ID2 100-50A	11		49.5	48	47	46.5	46	45	43
ID2 100-50	15		54.5	53	52	50.5	50	49	46





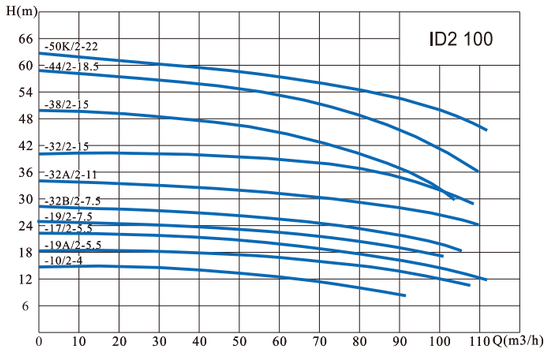
OVERALL & INSTALLATION DIMENSIONS

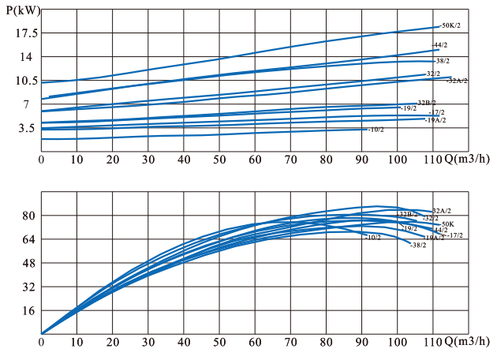
Pump Model	Overall dimension (mm)										Flange size (mm)			
	A	B	C	D	H	L	W	A1	L1	W1	E	Φ	Φ1	n-Φd
ID2 100-16	375	630	200	16	150	120	160	200	160	190		180	220	8-Φ17.5
ID2 100-21	375	670	220	16	150	120	160	200	160	190		180	220	8-Φ17.5
ID2 100-30	375	670	220	16	150	120	160	200	160	190		180	220	8-Φ17.5
ID2 100-50	510	790	265	16	155	200	170	280	226	196		180	220	8-Φ17.5
ID2 100-50A	510	790	265	16	155	200	170	280	226	196		180	220	8-Φ17.5

ID2 Series

VERTICAL PIPELINE CIRCULATION PUMP

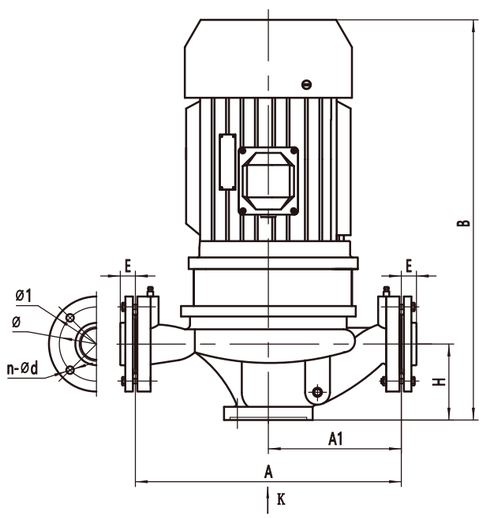
HYDRAULIC PERFORMANCE CURVES

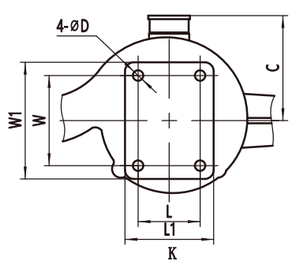




ID2 100 TECHNICAL DATA

Pump Model	Motor Power kW	Q.max(m^3/h)	40	60	80	87	90	94	100
ID2 100-10	4		14	12	10	9	8		
ID2 100-19A	5.5		17.8	16.8	15	14	13.5	13	12
ID2 100-17	5.5		20	18.5	16	15	14.5	14	13
ID2 100-19	7.5		24	22	20	19.4	19	18	17
ID2 100-32B	7.5	H.max (m)	26	25	23	22	21.5	21	20
ID2 100-32A	11		32	31	29	28.3	28	27	26
ID2 100-32	15		40	39	36	35	34	33	32
ID2 100-38	15		47	45	40	38	37	35	32
ID2 100-44	18.5		55	53	48	46	45	44	41
ID2 100-50K	22		59	57	54	53	52	51	50





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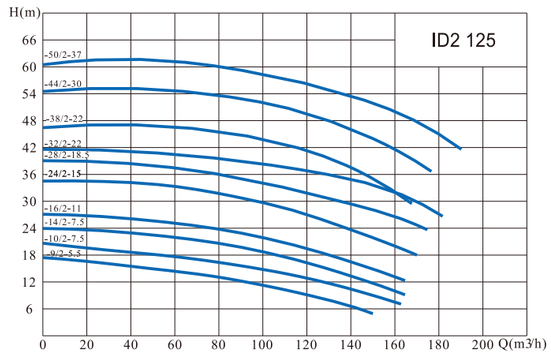
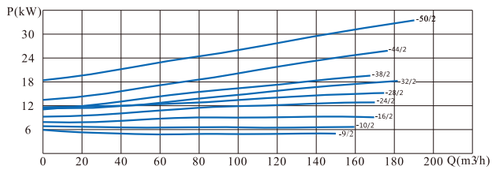
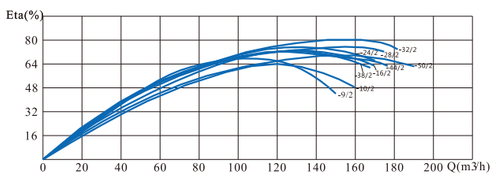
OVERALL & INSTALLATION DIMENSIONS

Pump Model	Overall dimension (mm)										Flange size (mm)			
	A	B	C	D	H	L	W	A1	L1	W1	E	Φ	Φ1	n-Φd
ID2 100-10	435	665	200	14	155	120	160	235	160	190		180	220	8-Φ17.5
ID2 100-19A	435	685	220	14	155	120	160	235	160	190		180	220	8-Φ17.5
ID2 100-17	435	685	220	14	155	120	160	235	160	190		180	220	8-Φ17.5
ID2 100-19	435	685	220	14	155	120	160	235	160	190		180	220	8-Φ17.5
ID2 100-32B	460	740	220	16	160	120	160	245	160	190		180	220	8-Φ17.5
ID2 100-32A	460	830	265	16	160	120	160	245	160	190		180	220	8-Φ17.5
ID2 100-32	460	830	265	16	160	120	160	245	160	190		180	220	8-Φ17.5
ID2 100-38	500	870	265	20	175	230	230	250	280	280		180	220	8-Φ17.5
ID2 100-44	500	890	265	20	175	230	230	250	280	280		180	220	8-Φ17.5
ID2 100-50K	500	910	295	20	175	230	230	250	280	280		180	220	8-Φ17.5

HYDRAULIC PERFORMANCE CURVES





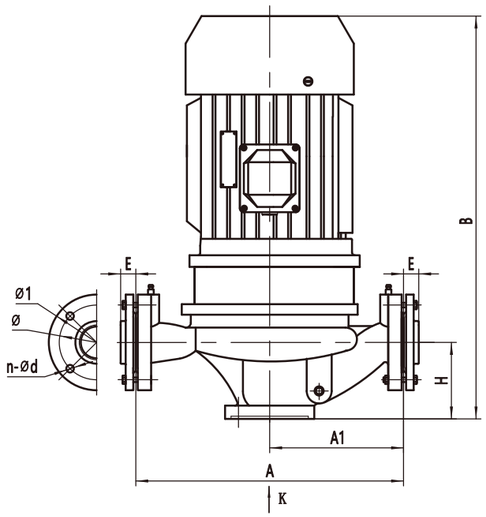


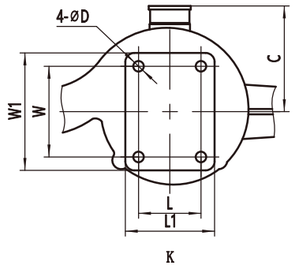
ID2 125 TECHNICAL DATA

Pump Model	Motor Power kW	Q.max(m^3/h)	100	120	138	143	150	160	180
ID2 125-9	5.5		11	9	7	6			
ID2 125-10	7.5		15	13	10.5	10	9	7	
ID2 125-14	7.5		15	14	13	12.5	10	9	
ID2 125-16	11		22	19	17	16	15	13	
ID2 125-24	15	H.max (m)	29.5	27	24	23	22	20	
ID2 125-28	18.5		34	32	29.5	29	28	26	
ID2 125-32	22		38	36.5	35	34.6	34	32	27
ID2 125-38	22		44	41	38	37	35	32	
ID2 125-44	30		52	49	46	45	44	41	
ID2 125-50	37		58	56	54	53	52	50	45

ID2 Series

VERTICAL PIPELINE CIRCULATION PUMP

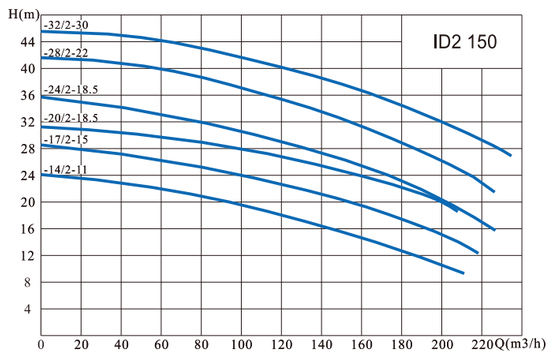


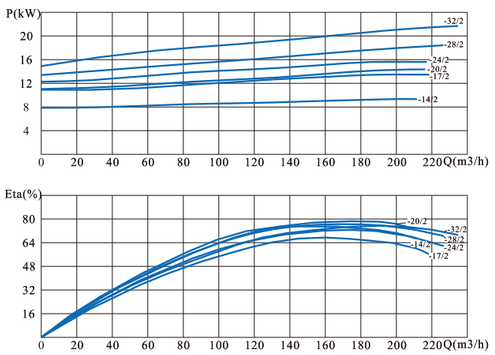


OVERALL & INSTALLATION DIMENSIONS

Pump Model	Overall dimension (mm)										Flange size (mm)			
	A	B	C	D	H	L	W	A1	L1	W1	E	Φ	Φ1	n-Φd
ID2 125-9	500	713	220	18	215	240	240	265	300	300		210	250	8-Φ17.5
ID2 125-10	500	713	220	18	215	240	240	265	300	300		210	250	8-Φ17.5
ID2 125-14	500	713	220	18	215	240	240	265	300	300		210	250	8-Φ17.5
ID2 125-16	500	820	265	18	215	240	240	265	300	300		210	250	8-Φ17.5
ID2 125-24	530	875	265	18	215	240	240	280	300	300		210	250	8-Φ17.5
ID2 125-28	530	905	265	18	215	240	240	280	300	300		210	250	8-Φ17.5
ID2 125-32	530	925	295	18	215	240	240	280	300	300		210	250	8-Φ17.5
ID2 125-38	540	920	295	18	210	240	240	280	300	300		210	250	8-Φ17.5
ID2 125-44	540	1005	320	18	210	240	240	280	300	300		210	250	8-Φ17.5
ID2 125-50	540	1005	320	18	210	240	240	280	300	300		210	250	8-Φ17.5

HYDRAULIC PERFORMANCE CURVES





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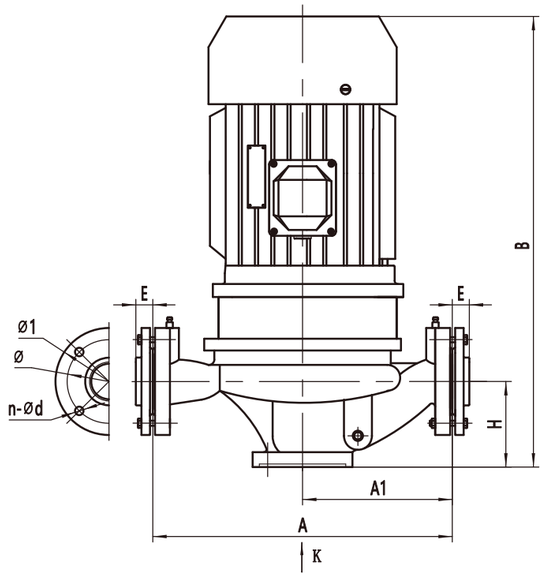
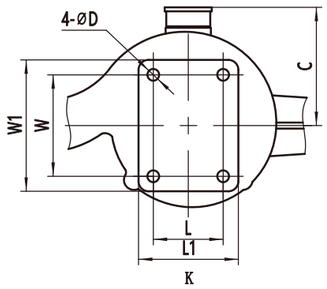
ID2 150 TECHNICAL DATA

Pump Model	Motor Power kW	Q.max(m^3/h)	120	140	167	173	187	200	220
ID2 150-14	11	H.max (m)	18	16	14	13	12	10	
ID2 150-17	15		22.5	21	18.5	18	17	15	
ID2 150-20	18.5		26.5	25	23	22.5	21	20	
ID2 150-24	18.5		29	27	25	24	22	20	17
ID2 150-28	22		35	33	30	29	28	26	23
ID2 150-32	30		40	38	36	35	33	32	29





OVERALL & INSTALLATION DIMENSIONS

Pump Model	Overall dimension (mm)										Flange size (mm)			
	A	B	C	D	H	L	W	A1	L1	W1	E	Φ	Φ1	n-Φd
ID2 150-14	530	875	265	18	225	240	240	280	300	300		240	285	8-Φ17.5
ID2 150-17	530	875	265	18	225	240	240	280	300	300		240	285	8-Φ17.5
ID2 150-20	530	920	265	18	225	240	240	280	300	300		240	285	8-Φ17.5
ID2 150-24	560	940	265	18	240	240	240	300	300	300		240	285	8-Φ17.5
ID2 150-28	560	960	295	18	240	240	240	300	300	300		240	285	8-Φ17.5
ID2 150-32	560	1030	320	18	240	240	240	300	300	300		240	285	8-Φ17.5

XA Series
END SUCTION CENTRIFUGAL PUMP

DESCRIPTION & FEATURES

- XA series end suction centrifugal pumps are designed complying to BS EN733/DIN24255 standard. This series of pumps have great advantages interchangeable parts, high quality and low cost.

APPLICATIONS

- Heating, Ventilation and Air-Conditioning
- Fire Protection and Fire Fighting
- Liquid Circulation
- Irrigation
- Cooling
- Plants
- Mines

MATERIAL CODE

C: Cast Iron	**Bearing Frame Code**
Q Ductile Iron	H:Bearing frame for double-row bearing
B: Bronze	G: Bigger shaft and bearing frame
S: ASTM 420	Default: Standard
45: ASTM 1045	**Seal Type**
S304: ASTM 304	M: Mechanical Seal
S316: ASTM 316:	P: Gland Packing

IDENTIFICATION CODES

XA 80 – 32 (G) X-X-X – X

- Seal Type
- Casing - Impeller - Shaft Material
- Special Bearing Frame
- Impeller Nominal Diameter
- Discharge Size
- Series

DESIGN & STRUCTURE

Design	Performance and dimensions referring to the European standard BS EN733 / DIN24255
Structure	Horizontal, Axial End-Suction, Single-Stage, Single-Suction, Volute Casing, Back pull-out
DN(mm)	32-300
Flange	ISO7005.2 DIN2501 PN16 GB / T17241.6 PN1.6

MATERIAL

Part	Standard Material	Options on request
Casing	Cast Iron	Ductile Iron / ASTM304 /ASTM316
Impeller	Bronze	Cast Iron / ASTM304 /ASTM316
Shaft	ASTM420	ASTM304 /ASTM316 / ASTM1045
Shaft Seal	Mechanical Seal	Gland Packing

OPERATING DATA

Flow Rate(Q)	0.5-440 l/s
Head(H)	2-152m
Speed	1450 or 2900 rpm(50Hz) / 1750 or 3500 rpm(60Hz)
Max Temperature	105℃
Working Pressure	1.0 Mpa standard; 1.6 Mpa on request
Conveying Medium	Clean water or liquids similar to clean water in physical property

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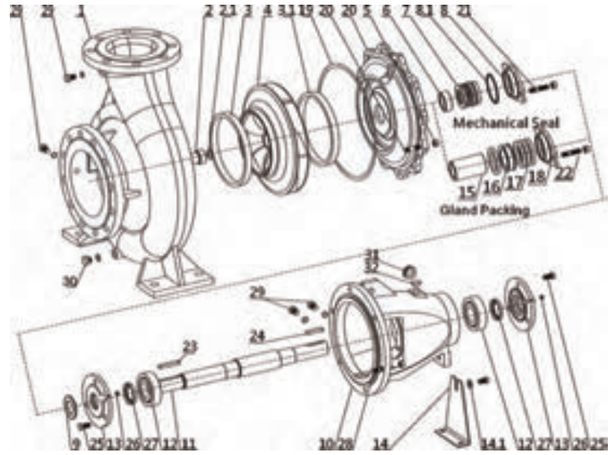
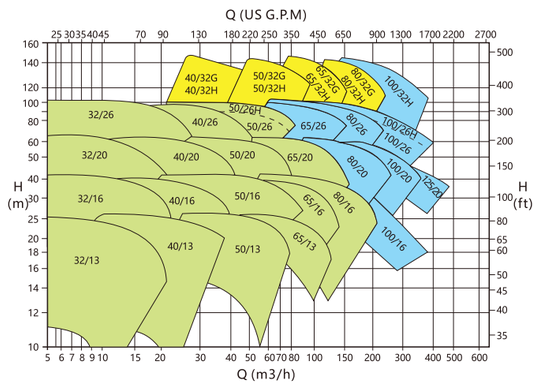
XA SERIES EXPLODE VIEW & LIST OF PARTS

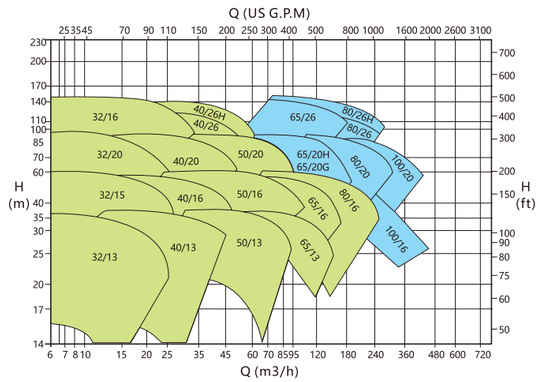


NO.	DESCRIPTION	NO.	DESCRIPTION
1	Pump Body	16	Packing Seal Cage
2	Impeller Nut	16	Locating Sleeve
2.1	Lock Washer	17	Gland Packing
3	Wear Ring (Front)	18	Gland Cover
3.1	Wear Ring (Back)	19	Casing Gasket
4	Impeller	20	Stud & Nut
5	Casing Front Cover	21	Stud & Nut
6	Shaft Spacer	22	Stud & Nut
7	Mech.Seal	23	Key
8	Seal Cover	24	Key
8.1	"O" Ring	25	Screw Bolt
9	Rubber Slinger	26	Oil Nipple
10	Bearing Frame	27	Felting
11	Shaft	27	Oil Seal
12	Bearing	28	Stud & Nut
13	Bearing Cover	29	Plug & Washer
14	Support Foot	30	Plug & Washer
14.1	Bolt & Nut	31	Oil Scale
15	Packing Sleeve	32	Oil Cover

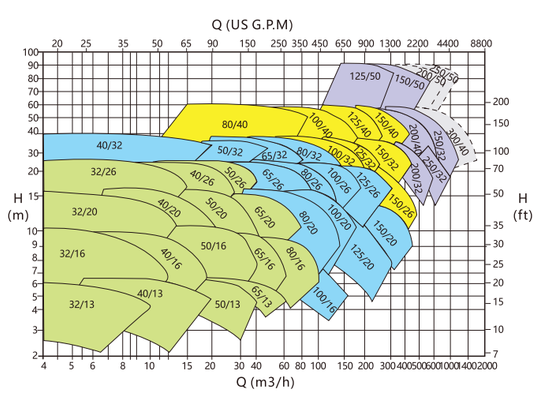
Field Chart XA series (50Hz) n=2900rpm



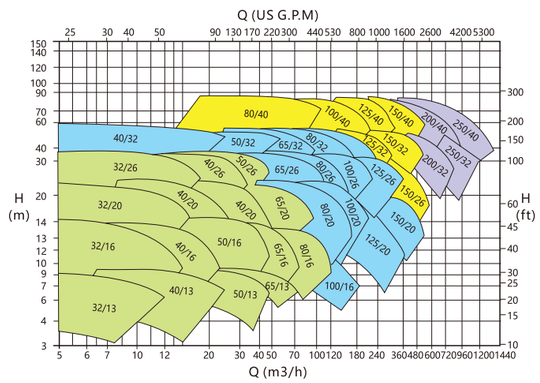
Field Chart XA series (60Hz) n=3500rpm



Field Chart XA series (50Hz) n=1450rpm



Field Chart XA series (60Hz) n=1750rpm



TECHNICAL DATA

Model XA	Flow		Head	Speed	Power		Motor Size	Eff.	NPSH	Impeller Dia.	Flange Size		Weight
					Shaft	Motor					Suction	Discha	
	m^3/h	L/s	m	r/min	kW	kW		%	m	mm	mm	mm	kg
XA32/13	9.0	2.50	24.5	2900	1.23	1.5	Y2-90L-2 2.2KW	49	1.8	139	50	32	27.5
	15.0	4.17	22.0		1.47	2.2		61	2				
	18.0	5.00	20.0		1.58	2.2		62	2.5				
XA32/13A	8.5	2.36	21.2		1.04	1.5	Y2-90L-2 2.2KW	47	1.8	130			
	14.0	3.89	19.0		1.23	1.5		59	1.95				
	17.0	4.72	17.2		1.32	2.2		60.5	2.3				
XA32/13B	7.8	2.17	18.0		0.89	1.1	Y2-90S-2 1.5KW	43	1.8	120			
	13.0	3.61	16.2		1.01	1.1		56.5	1.88				
	15.5	4.31	14.7		1.07	1.5		58	2.08				
XA32/13C	7.2	1.99	15.1		0.72	1.1	Y2-8022 1.1KW	41	1.8	110			
	11.9	3.31	13.6		0.81	1.1		54.5	1.88				
	14.2	3.95	12.4		0.85	1.1		56	2.08				
XA32/13D	6.5	1.81	12.5		0.57	0.75	Y2-8022 1.1KW	39	1.8	100			
	10.8	3.01	11.2		0.63	0.75		52.5	1.88				
	12.9	3.59	10.2		0.97	1.1		37	2.08				
XA32/16	11.0	3.05	40.0		2.50	3	Y2-132S1-2 5.5KW	48	1.9	174			
	18.0	5.00	37.0		3.18	4		57	2				
	22.0	6.11	34.0		3.51	5.5		58	2.6				
XA32/16 A	10.5	2.92	35.7		2.22	3	Y2-112M-2 4KW	46	1.9	165			
	17.0	4.72	33.0		2.78	3		55	1.95				
	21.0	5.83	30.0		3.06	4		56	2.4				
XA32/16 B	9.8	2.72	31.4		1.93	2.2	Y2-112M-2 4KW	43.5	1.9	155			
	16.0	4.44	29.0		2.38	3		53	1.95				
	19.5	5.42	26.5		2.61	4		54	2.2				
XA32/16 C	9.2	2.55	27.5		1.65	2.2	Y2-100L-2 3KW	41.5	1.9	145			
	15.0	4.16	25.4		2.03	3		51	1.95				
	18.2	5.07	23.2		2.21	3		52	2.2				
XA32/16 D	8.5	2.37	22.0		1.28	2.2	Y2-90L-2 2.2KW	40	1.9	135			
	13.9	3.87	20.1		1.56	2.2		49	1.95				
	17.0	4.72	19.1		1.76	2.2		50	2.2				
XA32/16 E	7.9	2.20	18.9		1.03	1.1	Y2-90S-2 1.5KW	39.5	1.9	125			
	12.9	3.58	17.2		1.25	1.5		48.5	1.95				
	15.7	4.37	16.4		1.41	1.5		49.5	2.2				
XA32/20	11.0	3.05	63.0		4.72	5.5	Y2-160M1-2 11KW	40	1.8	214			
	18.0	5.00	59.0		5.90	7.5		49	2				
	22.0	6.11	55.5		6.52	11		51	2.3				
XA32/20 A	10.5	2.92	57.2		4.24	5.5	Y2-132S2-2 7.5KW	38.6	1.8	205			
	17.0	4.72	54.0		5.26	7.5		47.5	1.95				
	21.0	5.83	50.2		5.80	7.5		49.5	2.2				
XA32/20 B	10.0	2.78	51.5		3.69	5.5	Y2-132S2-2 7.5KW	38	1.8	195			
	16.5	4.58	48.0		4.61	7.5		46.8	1.9				
	20.0	5.56	45.0		5.02	7.5		48.8	2.15				
XA32/20 C	9.5	2.64	46.4		3.24	4	Y2-132S1-2 5.5KW	37	1.8	185			
	15.7	4.35	43.2		4.02	5.5		45.8	1.9				
	19.0	5.27	40.5		4.38	5.5		47.8	2.15				
XA32/20 D	9.0	2.49	41.5		2.81	4	Y2-132S1-2 5.5KW	36	1.8	175			
	14.8	4.11	38.7		3.46	5.5		45	1.9				
	17.9	4.99	36.2		3.77	5.5		47	2.15				
XA32/20 E	8.5	2.35	36.9		2.39	2.2	Y2-112M-2 4KW	35.5	1.8	165			
	14.0	3.88	34.4		2.93	4		44.5	1.9				
	16.9	4.70	32.2		3.19	4		46.5	2.15				
XA32/26	14.0	3.89	99.0		11.26	15	Y2-160L-2 18.5KW	33.5	2.1	264			
	22.0	6.11	95.0		13.23	15		43	2.2				
	26.0	7.22	92.0		14.47	18.5		45	2.6				
XA32/26 A	13.5	3.75	91.8		10.74	15	Y2-160M2-2 15KW	31.4	2.1	255			
	21.0	5.83	88.0		12.58	15		40	2.2				
	25.0	6.94	85.0		13.61	15		42.5	2.5				
XA32/26 B	13.0	3.61	84.5		9.97	15	Y2-160M2-2 15KW	30	2.15	245			
	20.5	5.69	81.0		11.74	15		38.5	2.16				
	24.0	6.67	78.4		12.62	15		40.6	2.38				

TECHNICAL DATA

Model XA	Flow		Head	Speed	Power		Motor Size	Eff.	NPSH	Impeller Dia.	Flange Size		Weight
					Shaft	Motor					Suction	Discha	
	m^3/h	L/s	m	r/min	kW	kW		%	m	mm	mm	mm	kg
XA32/26 C	12.5	3.46	77.7	2900	9.10	15	Y2-160M2-2 15KW	29	2.15	235	50	32	59
	19.7	5.46	74.5		10.50	15		38	2.16				
	23.0	6.39	72.1		11.30	15		40	2.38				
XA32/26 D	11.9	3.32	71.3		8.27	11	Y2-160M2-2 15KW	28	2.15	225			
	18.8	5.23	68.3		9.46	15		37	2.16				
	22.0	6.12	66.1		10.17	15		39	2.38				
XA32/26 E	11.4	3.17	65.1		7.35	11	Y2-160M1-2 11KW	27.5	2.15	215			
	18.0	5.00	62.4		8.37	11		36.5	2.16				
	21.1	5.85	60.4		8.99	11		38.5	2.38				
XA40/13	18.0	5.00	25.5		2.08	2.2	Y2-112M-2 4KW	60	1.8	139	65	40	30
	30.0	8.33	23.5		2.74	3		70	2				
	36.0	10.00	21.5		3.03	4		69.5	2.4				
XA4013 A	16.8	4.67	22.0		1.80	2.2	Y2-112M-2 4KW	56	1.8	130			
	28.0	7.78	20.2		2.30	3		67	2				
	33.6	9.33	18.8		2.56	4		67.2	2.25				
XA40/13 B	15.5	4.31	18.5		1.47	1.5	Y2-100L-2 3KW	53	1.8	120			
	26.0	7.22	17.0		1.85	2.2		65	1.9				
	31.0	8.61	15.5		2.01	3		65	2.15				
XA40/13 C	14.2	3.95	15.5		1.18	1.5	Y2-90L-2 2.2KW	51	1.8	110			
	23.8	6.62	14.3		1.47	1.5		63	1.9				
	28.4	7.89	13.0		1.60	2.2		63	2.15				
XA40/13 D	12.9	3.59	12.8		0.90	1.5	Y2-90L-2 1.5KW	50	1.8	100			
	21.7	6.02	11.8		1.12	1.5		62	1.9				
	25.8	7.18	10.8		1.22	1.5		62	2.15				
XA40/16	18.0	5.00	39.5		3.65	5.5	Y2-132S2-2 7.5KW	53	2.1	174			
	30.0	8.33	35.0		4.47	5.5		64	2.5				
	36.0	10.00	31.5		4.90	7.5		63	3.6				
XA40/16 A	17.0	4.72	34.8		3.16	4	Y2-132S1-2 5.5KW	51	2.1	165			
	28.5	7.92	30.5		3.82	5.5		62	2.5				
	34.0	9.44	27.6		4.19	5.5		61	3.25				
XA40/16 B	16.0	4.44	30.5		2.77	4	Y2-112M-2 4KW	48	2.05	155			
	26.5	7.40	27.0		3.27	4		59.5	2.4				
	32.0	8.89	24.0		3.54	4		59	2.9				
XA40/16 C	15.0	4.16	26.7		2.31	3	Y2-112M-2 4KW	47	2.05	145			
	24.8	6.89	23.6		2.73	4		58.5	2.4				
	29.9	8.32	21.0		2.95	4		58	2.9				
XA40/16 D	13.9	3.87	23.1		1.91	3	Y2-100L-2 3KW	46	2.05	135			
	23.1	6.41	20.5		2.24	3		57.5	2.4				
	27.9	7.74	18.2		2.42	3		57	2.9				
XA40/16 E	12.9	3.58	19.8		1.53	3	Y2-100L-2 3KW	45.5	2.05	125			
	21.4	5.94	17.6		1.79	3		57	2.4				
	25.8	7.17	15.6		1.94	3		56.5	2.9				
XA40/20	18.0	5.00	63.0		6.30	7.5	Y2-160M1-2 11W	49	1.8	214	65	40	44
	30.0	8.33	58.0		8.17	11		58	2				
	36.0	10.00	53.0		8.96	11		58	2.7				
XA40/20 A	17.0	4.72	57.4		5.72	7.5	Y2-160M1-2 11KW	46.4	1.8	205			
	29.0	8.06	52.4		7.45	11		55.5	1.95				
	34.5	9.58	48.0		8.05	11		56	2.45				
XA40/20 B	16.5	4.58	51.8		5.29	5.5	Y2-160M1-2 11KW	44	1.8	195			
	27.5	7.64	47.5		6.71	7.5		53	1.9				
	33.0	9.17	43.3		7.23	11		53.8	2.2				
XA40/20 C	15.7	4.35	46.6		4.62	7.5	Y2-132S2-2 7.5KW	43	1.8	185			
	26.1	7.25	42.8		5.84	7.5		52	1.9				
	31.3	8.70	39.0		6.29	7.5		52.8	2.2				
XA40/20 D	14.8	4.11	41.7		4.00	5.5	Y2-132S2-2 7.5KW	42	1.8	175			
	24.7	6.86	38.3		5.04	7.5		51	1.9				
	29.6	8.23	34.9		5.43	7.5		51.8	2.2				
XA40/20 E	14.0	3.88	37.1		3.40	5.5	Y2-132S2-2 7.5KW	41.5	1.8	165			
	23.3	6.46	34.0		4.27	7.5		50.5	1.9				
	27.9	7.76	31.0		4.59	7.5		51.3	2.2				

TECHNICAL DATA

Model XA	Flow		Head	Speed	Power		Motor Size	Eff.	NPSH	Impeller Dia.	Flange Size		Weight
					Shaft	Motor					Suction	Discha	
	m^3/h	L/s	m	r/min	kW	kW		%	m	mm	mm	mm	kg
XA40/26 XA40/26H	20.0	5.56	97.0	2900	13.20	15	Y2-180M-2 22KW	40	1.8	264	65	40	61
	33.0	9.17	92.0		16.21	18.5		51	2.0				
	40.0	11.11	87.0		17.87	22		53	2.5				
XA40/26A XA40/26AH	19.5	5.42	89.0		12.27	15	Y2-160L-2 18.5KW	38.5	1.8	255			
	32.0	8.89	84.0		15.09	18.5		48.5	1.95				
	38.5	10.70	79.5		16.34	18.5		51	2.35				
XA40/26B XA40/26BH	18.5	5.14	82.0		11.16	15	Y2-160L-2 18.5KW	37	1.8	245			
	30.5	8.47	78.0		13.78	15		47	1.9				
	37.0	10.28	73.0		15.01	18.5		49	2.2				
XA40/26C XA40/26CH	17.7	4.93	75.4		10.12	15	Y2-160L-2 18.5KW	36	1.8	235			
	29.3	8.13	71.8		12.42	18.5		46	1.9				
	35.5	9.86	67.2		13.52	18.5		48	2.2				
XA40/26D XA40/26DH	17.0	4.72	69.2		9.14	11	Y2-160M2-2 15KW	35	1.8	225			
	28.0	7.78	65.8		11.15	15		45	1.9				
	34.0	9.44	61.6		12.12	15		47	2.2				
XA40/26E XA40/26EH	16.2	4.51	63.1		8.21	11	Y2-160M2-2 15KW	34	1.8	215			
	26.8	7.43	60.1		9.95	11		44	1.9				
	32.5	9.02	56.2		10.80	15		46	2.2				
XA40/32G XA40/32H	21.6	6.00	155.0		28.04	30	Y2-225M-2 45KW	32.5	5.05	329	65	40	96
	36.0	10.00	147.0		34.30	37		42	4.8				
	43.2	12.00	140.0		37.42	45		44	5.2				
XA40/32GA XA40/32HA	20.5	5.70	137.0		24.66	30	Y2-200L2-2 37KW	31	5.05	315			
	34.5	9.58	130.0		30.52	37		40	4.9				
	41.4	11.50	124.0		33.27	37		42	5				
XA40/32GB XA40/32HB	19.8	5.50	122.0		22.29	30	Y2-200L2-2 37KW	29.5	5.1	300			
	32.4	9.00	117.0		27.89	30		37	4.9				
	39.6	11.00	112.0		30.96	37		39	5				
XA40/32GC XA40/32HC	18.7	5.20	110.0		20.36	22	Y2-200L1-2 30KW	27.5	5.1	285			
	31.5	8.75	105.0		25.01	30		36	4.9				
	37.5	10.40	100.0		26.86	30		38	4.9				
XA40/32GD XA40/32HD	17.5	4.86	95.0		18.10	22	Y2-200L1-2 30KW	25	5.15	270			
	29.5	8.20	90.0		21.26	30		34	4.9				
	35.5	9.86	85.0		22.82	30		36	4.8				
XA40/32GE XA40/32HE	16.7	4.65	85.0		16.10	18.5	Y2-180M-2 22KW	24	5.15	255			
	27.9	7.75	80.0		18.41	22		33	4.9				
	33.5	9.30	75.0		19.54	22		35	4.9				
XA50/13	36.0	10.00	25.5		3.84	5.5	Y2-132S2-2 7.5KW	65	2.5	139	65	50	34
	60.0	16.67	23.0		4.94	5.5		76	3.2				
	72.0	20.00	20.5		5.36	7.5		75	4				
XA50/13 A	33.5	9.31	22.0		3.18	4	Y2-132S1-2 5.5KW	63	2.5	130			
	56.0	15.56	19.5		4.02	5.5		74	3.1				
	67.5	18.75	17.2		4.33	5.5		73	3.6				
XA50/13 B	31.0	8.61	18.5		2.56	3	Y2-132S1-2 5.5KW	61	2.5	120			
	52.0	14.44	16.5		3.24	4		72	2.9				
	62.0	17.22	14.8		3.52	5.5		71	3.3				
XA50/13 C	28.4	7.89	15.5		2.00	3	Y2-112M-2 4KW	60	2.5	110			
	47.7	13.24	13.9		2.53	4		71	2.9				
	56.8	15.79	12.4		2.75	4		70	3.3				
XA50/16	40.0	11.11	41.5		7.06	11	Y2-160M1-2 11KW	64	2.5	174	65	50	38
	65.0	18.05	38.0		9.09	11		74	3.5				
	78.0	21.67	35.0		10.04	11		74	4.2				
XA50/16 A	38.0	10.56	37.0		6.17	7.5	Y2-160M1-2 11KW	62	2.5	165			
	61.5	17.10	33.8		7.86	11		72	3.3				
	74.0	20.60	31.2		8.73	11		72	3.9				
XA50/16 B	35.5	9.86	32.5		5.23	5.5	Y2-160M1-2 11KW	60	2.35	155			
	58.0	16.11	29.5		6.65	11		70	3.1				
	69.5	19.31	27.0		7.35	11		69.5	3.7				
XA50/16 C	33.2	9.22	28.4		4.36	5.5	Y2-132S2-2 7.5KW	59	2.35	145			
	54.3	15.07	25.8		5.53	7.5		69	3.1				
	65.0	18.06	23.6		6.11	7.5		68.5	3.7				

TECHNICAL DATA

Model XA	Flow		Head	Speed	Power		Motor Size	Eff.	NPSH	Impeller Dia.	Flange Size		Weight
					Shaft	Motor					Suction	Discha	
	m^3/h	L/s	m	r/min	kW	kW		%	m	mm	mm	mm	kg
XA50/16 D	30.9	8.59	24.7	2900	3.58	5.5	Y2-132S2-2 7.5KW	58	2.35	135	65	50	38
	50.5	14.03	22.4		4.53	5.5		68	3.1				
	60.5	16.81	20.5		5.00	7.5		67.5	3.7				
XA50/16 E	28.6	7.95	21.1		2.86	4	Y2-132S1-2 5.5KW	57.5	2.35	125			
	46.8	12.99	19.2		3.62	5.5		67.5	3.1				
	56.0	15.57	17.6		4.00	5.5		67	3.7				
XA50/20	36.0	10.00	62.0		10.48	15	Y2-160L-2 18.5KW	58	2.5	214			
	60.0	16.67	56.0		13.07	15		70	3.2				
	72.0	20.00	50.0		14.41	18.5		68	4				
XA50/20 A	34.5	9.60	56.0		9.23	11	Y2-160M2-2 15KW	57	2.5	205			
	57.5	16.00	50.6		11.48	15		69	3.1				
	69.0	19.20	45.0		12.62	15		67	3.75				
XA50/20 B	33.0	9.10	50.6		8.19	11	Y2-160M2-2 15KW	55.5	2.5	195			
	54.5	15.10	45.6		10.02	15		67.5	3				
	65.5	18.20	40.5		10.94	15		66	3.5				
XA50/20 C	31.3	8.70	45.5		7.06	7.5	Y2-160M1-2 11KW	55	2.5	185			
	51.7	14.36	41.0		8.62	11		67	3				
	62.1	17.26	36.5		9.41	11		65.5	3.5				
XA50/20 D	29.6	8.23	40.8		6.03	7.5	Y2-160M1-2 11KW	54.5	2.5	175			
	48.9	13.59	36.7		7.47	7.5		65.5	3				
	58.8	16.33	32.6		8.03	11		65	3.5				
XA50/20 E	27.9	7.76	36.2		5.10	5.5	Y2-132S2-2 7.5KW	54	2.5	165			
	46.1	12.81	32.6		6.31	7.5		65	3				
	55.4	15.40	29.0		6.78	7.5		64.5	3.5				
XA50/26G XA50/26H	40.0	11.11	100.0		20.16	30	Y2-200L2-2 37KW	54	2.5	264	65	50	63
	65.0	18.05	91.0		25.97	30		62	3.5				
	78.0	21.67	82.0		29.02	37		60	4.2				
XA50/26A XA50/26GA XA50/26HA	38.5	10.69	92.5		18.29	22	Y2-200L1-2 30KW	53	2.4	255			
	63.0	17.50	84.0		23.62	30		61	3.3				
	75.5	20.97	75.6		26.34	30		59	3.9				
XA50/26B XA50/26GB XA50/26HB	37.0	10.28	85.5		16.56	18.5	Y2-2200L1-2 30KW	52	2.3	245			
	60.5	16.81	77.5		21.27	30		60	3.2				
	72.5	20.14	69.8		23.75	30		58	3.9				
XA50/26C XA50/26GC XA50/26HC	35.5	9.86	78.7		14.90	18.5	Y2-200L1-2 30KW	51	2.3	235			
	58.0	16.12	71.3		19.09	22		59	3.2				
	69.5	19.32	64.2		21.33	30		57	3.9				
XA50/26D XA50/26GD XA50/26HD	34.0	9.44	72.1		13.33	15	Y2-180M-2 22KW	50	2.3	225			
	55.6	15.43	65.3		17.03	22		58	3.2				
	66.6	18.49	58.8		19.04	22		56	3.9				
XA50/26E XA50/26GE XA50/26HE	32.5	9.02	65.8		11.75	15	Y2-160L-2 18.5KW	49.5	2.3	215			
	53.1	14.75	59.6		14.99	18.5		57.5	3.2				
	63.6	17.67	53.7		16.76	18.5		55.5	3.9				
XA50/32G XA50/32H	48.0	13.30	144.0		40.46	45	Y2-280S-2 75KW	46.5	2.5	329	65	50	101
	80.0	22.20	133.0		50.81	55		57	3.7				
	96.0	26.70	124.0		55.87	75		58	3.1				
XA50/32GA XA50/32HA	46.0	12.80	131.0		36.05	45	Y2-250M-2 55KW	45.5	2.5	315			
	76.5	21.30	120.0		44.63	55		56	3.7				
	92.0	25.60	112.0		49.21	55		57	3.3				
XA50/32GB XA50/32HB	43.5	12.10	118.0		31.40	37	Y2-250M-2 55KW	44.5	2.4	300			
	73.0	20.30	109.0		39.38	45		55	3.6				
	87.5	24.30	103.0		43.81	55		56	3.5				
XA50/32GC XA50/32HC	41.4	11.50	107.0		27.41	30	Y2-225M-2 45KW	44	2.3	285			
	69.0	19.20	98.0		34.09	37		54	3.5				
	82.8	23.00	92.0		37.70	45		55	3.65				
XA50/32GD XA50/32HD	39.0	10.80	92.0		22.71	30	Y2-200L2-2 37KW	43	2.2	270			
	65.5	18.20	86.0		28.93	37		53	3.3				
	77.4	21.50	80.0		31.21	37		54	3.7				
XA50/32GE XA50/32HE	37.0	10.30	82.0		19.66	22	Y2-200L1-2 30KW	42	2.1	255			
	62.0	17.20	75.0		24.34	30		52	3.1				
	74.5	20.70	70.0		26.79	30		53	3.6				

TECHNICAL DATA

Model XA	Flow		Head	Speed	Power		Motor Size	Eff.	NPSH	Impeller Dia.	Flange Size		Weight
					Shaft	Motor					Suction	Discha	
	m^3/h	L/s	m	r/min	kW	kW		%	m	mm	mm	mm	kg
XA65/13	60.0	16.67	25.0	2900	6.09	7.5	Y2-160M1-2 11KW	67	3	139	80	65	39
	100.0	27.78	22.0		7.68	11		78	3.5				
	120.0	33.33	19.0		8.39	11		74	4.5				
XA65/13 A	56.0	15.56	21.5		5.04	7.5	Y2-160M1-2 11KW	65	3	130			
	93.5	26.00	18.5		6.20	11		76	3.5				
	112.5	31.25	16.0		6.81	11		72	4.1				
XA65/13 B	52.0	14.44	18.0		4.04	5.5	Y2-132S2-2 7.5KW	63	3	120			
	86.5	24.00	15.5		4.93	7.5		74	3.3				
	104.0	28.90	13.0		5.26	7.5		70	3.75				
XA65/16	60.0	16.67	39.0		10.27	15	Y2-160L-2 18.5KW	62	3.6	174	80	65	43
	100.0	27.78	35.0		12.70	15		75	4.2				
	120.0	33.33	32.0		13.94	18.5		75	5.2				
XA65/16 A	57.0	15.83	34.5		8.92	11	Y2-160M2-2 15KW	60	3.6	165			
	95.0	26.40	31.0		10.98	15		73	4.1				
	114.0	31.70	28.0		11.90	15		73	4.8				
XA65/16 B	53.5	14.86	30.0		7.53	11	Y2-160M1-2 11KW	58	3.6	155			
	89.0	24.72	27.0		9.21	11		71	3.95				
	107.0	29.72	24.5		10.05	11		71	4.5				
XA65/16 C	50.0	13.90	26.3		6.28	11	Y2-160M1-2 11KW	57	3.6	145			
	83.3	23.13	23.6		7.65	11		70	3.95				
	100.1	27.80	21.4		8.35	11		70	4.5				
XA65/16 D	46.6	12.94	22.8		5.15	7.5	Y2-160M1-2 11KW	56	3.6	135			
	77.5	21.53	20.5		6.26	11		69	3.95				
	93.2	25.89	18.6		6.83	11		69	4.5				
XA65/16 E	43.1	11.98	19.5		4.13	5.5	Y2-132S2-2 7.5KW	55.5	3.6	125			
	71.8	19.94	17.6		5.01	7.5		68.5	3.95				
	86.3	23.97	15.9		5.46	7.5		68.5	4.5				
XA65/20 XA65/20G XA65/20H	66.0	18.33	63.0		17.97	22	Y2-200L1-2 30KW	63	3	214			
	110.0	30.55	57.0		23.07	30		74	3.9				
	132.0	36.67	52.0		25.08	30		74.5	5.3				
XA65/20A XA65/20GA XA65/20HA	63.0	17.50	57.0		15.77	18.5	Y2-200L1-2 30KW	62	3	205			
	105.5	29.31	51.0		20.06	30		73	3.75				
	126.5	35.14	47.0		22.02	30		73.5	4.85				
XA65/20B XA65/20GB XA65/20HB	60.0	16.67	51.5		13.79	18.5	Y2-200L1-2 30KW	61	3	195			
	100.0	27.78	46.5		17.58	22		72	3.6				
	120.0	33.33	42.5		19.15	30		72.5	4.4				
XA65/20C XA65/20GC XA65/20HC	56.9	15.81	46.4		11.97	15	Y2-180M-2 22KW	60	3	185			
	94.9	26.35	41.9		15.22	22		71	3.6				
	113.8	31.62	38.3		16.58	22		71.5	4.4				
XA65/20D XA65/20GD XA65/20HD	53.8	14.96	41.5		10.30	15	Y2-160L-2 18.5KW	59	3	175			
	89.7	24.93	37.4		13.07	18.5		70	3.6				
	107.7	29.91	34.2		14.23	18.5		70.5	4.4				
XA65/20E XA65/20GE XA65/20HE	50.8	14.10	36.9		8.71	11	Y2-160M2-2 15KW	58.5	3	165			
	84.6	23.50	33.3		11.03	15		69.5	3.6				
	101.5	28.21	30.4		12.01	15		70	4.4				
XA65/26	72.0	20.00	97.0		29.48	37	Y2-250M-2 55KW	64.5	3.3	264			
	120.0	33.33	89.0		39.83	45		73	4.5				
	144.0	40.00	83.0		44.57	55		73	5.4				
XA65/26 A	69.5	19.31	90.0		26.20	37	Y2-225M-2 45KW	65	3.25	255			
	116.0	32.22	82.5		36.18	45		72	4.4				
	139.0	38.61	77.0		40.47	45		72	4.95				
XA65/26 B	67.0	18.61	83.0		23.65	30	Y2-225M-2 45KW	64	3.2	245			
	111.5	31.00	76.0		32.49	37		71	4.25				
	133.5	37.10	71.0		36.60	45		70.5	4.95				
XA65/26 C	64.3	17.85	76.4		21.20	30	Y2-200L2-2 37KW	63	3.2	235			
	106.9	29.71	69.9		29.08	37		70	4.25				
	128.1	35.57	65.3		33.00	37		69	4.95				
XA65/26 D	61.5	17.09	70.0		18.91	22	Y2-200L2-2 37KW	62	3.2	225			
	102.4	28.44	64.1		25.89	30		69	4.25				
	122.6	34.06	59.9		29.39	37		68	4.95				

TECHNICAL DATA

Model XA	Flow		Head	Speed	Power		Motor Size	Eff.	NPSH	Impeller Dia.	Flange Size		Weight
					Shaft	Motor					Suction	Discha	
	m^3/h	L/s	m	r/min	kW	kW		%	m	mm	mm	mm	kg
XA65/26 E	58.8	16.33	63.9	2900	16.63	18.5	Y2-200L1-2 30KW	61.5	3.2	215	80	65	81
	97.8	27.18	58.5		22.76	30		68.5	4.25				
	117.2	32.54	54.7		25.83	30		67.5	4.95				
XA65/32G XA65/32H	78.0	21.70	147.0		57.80	75	Y2-280M-2 90KW	54	2.2	329			
	130.0	36.10	132.0		74.74	90		62.5	2.4				
	156.0	43.30	115.0		81.39	90		60	3.2				
XA65/32GA XA65/32HA	74.5	20.70	132.0		50.04	55	Y2-280M-2 90KW	53.5	2.2	315			
	124.0	34.40	118.0		65.30	75		61	2.3				
	149.0	41.40	102.0		71.33	90		58	3				
XA65/32GB XA65/32HB	71.0	19.70	118.0		43.03	55	Y2-280S-2 75KW	53	2.2	300			
	119.0	33.00	102.0		56.00	75		59	2.2				
	142.0	39.40	88.0		61.29	75		55.5	2.7				
XA65/32GC XA65/32HC	67.5	18.80	105.0		37.10	45	Y2-280S-2 75KW	52	2.2	285			
	113.0	31.40	93.0		48.90	55		58.5	2.2				
	135.0	37.50	79.0		53.27	75		54.5	2.5				
XA65/32GD XA65/32HD	64.0	17.80	94.0		32.11	37	Y2-250M-2 55KW	51	2.2	270			
	107.0	29.70	82.0		41.18	55		58	2.2				
	128.0	35.60	70.0		45.59	55		53.5	2.4				
XA65/32GE XA65/32HE	60.0	16.70	82.0		26.79	30	Y2-225M-2 45KW	50	2.15	255			
	100.0	27.80	72.0		34.39	37		57	2.2				
	120.0	33.30	61.0		38.32	45		52	2.3				
XA80/16	100.0	27.78	39.0		15.85	18.5	Y2-200L1-2 30KW	67	3.3	174			
	162.0	45.00	35.0		19.29	22		80	4				
	195.0	54.17	31.5		21.17	30		79	5				
XA80/16 A	95.0	26.39	34.5		13.73	18.5	Y2-180M-2 22KW	65	3.3	165			
	153.5	42.64	31.0		16.61	18.5		78	3.85				
	185.0	51.39	28.0		18.31	22		77	4.6				
XA80/16 B	89.0	24.72	30.5		11.73	15	Y2-160L-2 18.5KW	63	3.25	155	100	80	54
	144.5	40.14	27.2		14.08	15		76	3.7				
	174.0	48.33	24.5		15.47	18.5		75	4.3				
XA80/16 C	83.3	23.13	26.7		9.76	11	Y2-160M2-2 15KW	62	3.25	145			
	135.2	37.55	23.8		11.68	15		75	3.7				
	162.8	45.22	21.4		12.84	15		74	4.3				
XA80/16 D	77.5	21.53	23.1		7.94	11	Y2-160M2-2 15KW	61.5	3.25	135			
	125.9	34.96	20.6		9.49	15		74.5	3.7				
	151.5	42.10	18.6		10.43	15		73.5	4.3				
XA80/20	115.0	31.94	61.0		27.28	37	Y2-225M-2 45KW	70	4	214			
	190.0	52.78	55.0		35.56	37		80	5.1				
	225.0	62.50	50.0		38.77	45		79	6.2				
XA80/20 A	110.0	30.56	55.5		24.09	30	Y2-200L2-2 37KW	69	4	205			
	182.0	50.56	50.0		31.36	37		79	4.9				
	215.5	59.86	45.5		34.22	37		78	5.85				
XA80/20 B	105.0	29.17	50.0		21.02	30	Y2-200L2-2 37KW	68	4	195			
	173.0	48.06	45.0		27.17	30		78	4.7				
	205.0	56.94	41.0		29.71	37		77	5.5				
XA80/20 C	99.6	27.67	45.0		18.21	22	Y2-200L1-2 30KW	67	4	185	100	80	70
	164.1	45.59	40.5		23.50	30		77	4.7				
	194.5	54.02	36.9		25.71	30		76	5.5				
XA80/20 D	94.2	26.18	40.3		15.65	18.5	Y2-200L1-2 30KW	66	4	175			
	155.3	43.13	36.2		20.15	30		76	4.7				
	184.0	51.10	33.0		22.05	30		75	5.5				
XA80/20 E	88.8	24.68	35.8		13.22	15	Y2-180M-2 22KW	65.5	4	165			
	146.4	40.66	32.2		17.00	22		75.5	4.7				
	173.5	48.18	29.4		18.60	22		74.5	5.5				
XA80/26	115.0	31.94	96.0		45.54	55	Y2-280S-2 75KW	66	4	264			
	190.0	52.78	86.0		57.77	75		77	5.4				
	225.0	62.50	79.0		64.52	75		75	6.5				
XA80/26 A	111.0	30.83	89.0		41.37	55	Y2-280S-2 75KW	65	3.95	255	100	80	91
	183.5	50.97	79.8		52.45	75		76	5.2				
	217.5	60.42	73.0		58.41	75		74	6.25				

TECHNICAL DATA

Model XA	Flow		Head	Speed	Power		Motor Size	Eff.	NPSH	Impeller Dia.	Flange Size		Weight
					Shaft	Motor					Suction	Discha	
	m^3/h	L/s	m	r/min	kW	kW		%	m	mm	mm	mm	kg
XA80/26 B	106.5	29.58	82.0	2900	37.15	45	Y2-280S-2 75KW	64	3.9	245	100	80	91
	176.5	49.03	73.5		47.09	55		75	5				
	209.0	58.06	67.5		52.61	75		73	6				
XA80/26 C	102.2	28.38	75.4		33.30	45	Y2-250M-2 55KW	63	3.9	235			
	169.3	47.03	67.6		42.11	55		74	5				
	200.5	55.69	62.1		47.07	55		72	6				
XA80/26 D	97.8	27.17	69.2		29.70	37	Y2-250M-2 55KW	62	3.9	225			
	162.1	45.03	62.0		37.47	45		73	5				
	191.9	53.32	56.9		41.31	55		72	6				
XA80/26 E	93.5	25.96	63.1		26.12	37	Y2-225M-2 45KW	61.5	3.9	215			
	154.9	43.02	56.6		32.92	37		72.5	5				
	183.4	50.95	52.0		36.30	45		71.5	6				
XA80/32G XA80/32H	120.0	33.30	142.0		76.04	90	Y2-315M1-2 132KW	61	3.1	329	100	80	120
	200.0	55.60	127.0		101.68	132		68	3.4				
	240.0	66.70	110.0		112.29	132		64	3.7				
XA80/32GA XA80/32HA	115.0	32.00	130.0		67.83	75	Y2-315S-2 110KW	60	3.05	315			
	191.0	53.00	116.0		90.02	110		67	3.3				
	230.0	63.90	100.0		99.38	110		63	3.6				
XA80/32GB XA80/32HB	110.0	30.60	118.0		59.89	75	Y2-315S-2 110KW	59	3.05	300			
	182.0	50.60	103.0		77.91	90		65.5	3.2				
	220.0	61.10	89.0		86.67	110		61.5	3.5				
XA80/32GC XA80/32HC	104.0	28.90	106.0		51.74	75	Y2-280M-2 90KW	58	2.95	285			
	173.0	48.00	92.0		67.17	75		64.5	3.2				
	208.0	57.80	79.0		74.55	90		60	3.4				
XA80/32GD XA80/32HD	98.5	27.40	94.0		44.22	55	Y2-280S-2 75KW	57	2.9	270			
	164.0	45.60	82.0		57.65	75		63.5	3.15				
	197.0	54.70	70.0		64.72	75		58	3.3				
XA80/32GE XA80/32HE	93.0	25.83	84.0		37.98	45	Y2-280S-2 75KW	56	2.9	255			
	155.0	43.06	70.0		47.64	55		62	3.1				
	186.0	51.67	60.0		54.25	75		56	3.2				
XA80/32NG XA80/32NH	119.9	33.30	143.0		83.33	110	Y2-315M1-2 132KW	56	3.1	329	100	80	120
	200.2	55.60	130.0		107.32	132		66	3.4				
	240.1	66.70	118.0		116.87	132		66	3.7				
XA80/32NGA XA80/32NHA	114.8	31.88	131.1		74.47	90	Y2-315M1-2 132KW	55	3.05	315			
	191.6	53.23	119.2		95.65	110		65	3.3				
	229.9	63.86	108.2		104.15	132		65	3.6				
XA80/32NGB XA80/32NHB	109.3	30.36	118.9		65.52	75	Y2-315S-2 110KW	54	3.05	300			
	182.5	50.70	108.1		83.92	90		64	3.2				
	219.0	60.82	98.1		91.38	110		64	3.5				
XA80/32NGC XA80/32NHC	103.8	28.85	107.3		57.24	75	Y2-280M-2 90KW	53	2.95	285			
	173.4	48.16	97.6		73.09	90		63	3.2				
	208.0	57.78	88.5		79.59	90		63	3.4				
XA80/32NGD XA80/32NHD	98.4	27.33	96.3		49.60	75	Y2-280M-2 90KW	52	2.9	270			
	164.3	45.63	87.6		63.15	75		62	3.15				
	197.1	54.74	79.5		68.76	90		62	3.3				
XA80/32NGE XA80/32NHE	92.9	25.81	85.9		42.61	55	Y2-280S-2 75KW	51	2.9	255			
	155.1	43.09	78.1		54.07	75		61	3.1				
	186.1	51.70	70.9		58.88	75		61	3.2				
XA100/16	165.0	45.83	37.5		24.06	30	Y2-200L1-2 30KW	70	5	190	125	100	71
	200.0	55.56	34.0		25.71	30		72	5				
	270.0	75.00	22.5		27.56	30		60	5.5				
XA100/16 A	156.3	43.42	33.7		20.62	22	Y2-200L1-2 30KW	69.5	4.9	180			
	189.5	52.63	30.5		22.03	30		71.5	4.9				
	255.8	71.05	20.2		23.65	30		59.5	5.4				
XA100/16 B	139.9	38.85	27.0		14.88	18.5	Y2-180M-2 22KW	69	4.8	170			
	169.5	47.09	24.4		15.89	18.5		71	4.8				
	228.9	63.57	16.2		17.08	22		59	5.3				
XA100/16 C	117.8	32.72	19.1		8.95	15	Y2-160L-2 18.5KW	68.5	4.7	160			
	142.8	39.66	17.3		9.55	15		70.5	4.7				
	192.7	53.54	11.5		10.29	18.5		58.5	5.2				
XA100/20	180.0	50.00	59.0		41.30	55	Y2-280S-2 75KW	70	4	214			
	285.0	79.17	52.0		50.12	75		80.5	5.3				
	340.0	94.44	44.0		54.66	75		74.5	6.3				

TECHNICAL DATA

Model XA	Flow		Head	Speed	Power		Motor Size	Eff.	NPSH	Impeller Dia.	Flange Size		Weight
					Shaft	Motor					Suction	Discha	
	m^3/h	L/s	m	r/min	kW	kW		%	m	mm	mm	mm	kg
XA100/20 A	172.5	47.92	52.5	2900	35.73	45	Y2-250M-2 55KW	69	3.95	205	125	100	85
	273.0	75.83	46.0		43.00	55		79.5	4.9				
	325.5	90.42	38.0		45.81	55		73.5	5.95				
XA100/20 B	164.0	45.56	47.0		30.86	37	Y2-225M-2 45KW	68	3.9	195			
	260.0	72.22	40.0		36.07	45		78.5	4.8				
	310.0	86.11	32.5		37.83	45		72.5	5.6				
XA100/20 C	155.6	43.22	42.3		26.74	37	Y2-200L2-2 37KW	67	3.9	185			
	246.7	68.52	36.0		31.39	37		77	4.8				
	294.1	81.70	29.3		32.75	37		71.5	5.6				
XA100/20 D	147.2	40.88	37.9		22.98	30	Y2-200L1-2 30KW	66	3.9	175			
	233.3	64.81	32.2		26.92	30		76	4.8				
	278.2	77.28	26.2		28.12	30		70.5	5.6				
XA100/20 E	138.8	38.55	33.6		19.41	30	Y2-200L1-2 30KW	65.5	3.9	165			
	220.0	61.11	28.6		22.72	30		75.5	4.8				
	262.3	72.86	23.3		23.73	30		70	5.6				
XA100/26H	190.0	52.78	97.0		71.67	90	Y2-315S-2 110KW	70	3.8	264	150	125	106
	295.0	81.94	85.0		87.51	100		78	5.2				
	350.0	97.22	75.0		97.89	110		73	6.5				
XA100/26HA	183.5	50.97	89.0		64.43	75	Y2-315S-2 110KW	69	3.75	255			
	285.0	79.17	78.0		78.59	90		77	5				
	338.0	93.89	68.5		87.54	100		72	6.2				
XA100/26B XA100/26HB	177.0	49.17	82.0		58.10	75	Y2-280M-2 90KW	68	3.7	245			
	274.0	76.11	71.5		70.17	90		76	4.8				
	325.0	90.28	63.0		78.50	90		71	5.9				
XA100/26C XA100/26HC	169.8	47.16	75.4		52.04	75	Y2-280S-2 75KW	67	3.7	235			
	262.8	73.00	65.8		62.75	75		75	4.8				
	311.7	86.59	58.0		70.27	75		70	5.9				
XA100/26D XA100/26HD	162.6	45.15	69.2		46.37	55	Y2-280S-2 75KW	66	3.7	225			
	251.6	69.90	60.3		55.82	75		74	4.8				
	298.5	82.91	53.1		62.56	75		69	5.9				
XA100/26E XA100/26HE	155.3	43.15	63.1		40.76	55	Y2-280S-2 75KW	65.5	3.7	215			
	240.4	66.79	55.1		49.03	75		73.5	4.8				
	285.2	79.22	48.5		54.99	75		68.5	5.9				
XA100/32H	133.2	37.00	151.0		86.91	110	Y2-315L2-2 200KW	63	2	329	125	100	134
	270.0	75.00	138.0		135.24	160		75	2				
	288.0	80.00	133.0		142.84	200		73	2.3				
XA100/32HA	127.5	35.43	138.4		76.89	90	Y2-315L1-2 160KW	62.5	2	315			
	258.5	71.81	126.5		119.50	132		74.5	2				
	275.7	76.60	121.9		126.23	160		72.5	2.18				
XA100/32HB	121.5	33.74	125.6		66.96	75	Y2-315M-2 132KW	62	2	300			
	246.2	68.39	114.7		103.92	110		74	2				
	262.6	72.95	110.6		109.80	132		72	2.1				
XA100/32HC	115.4	32.05	113.3		57.87	75	Y2-315M-2 132KW	61.5	2	285			
	233.9	64.97	103.6		89.71	110		73.5	2				
	249.5	69.30	99.8		94.80	132		71.5	2.1				
XA100/32HD	109.3	30.36	101.7		49.61	55	Y2-132S-2 110KW	61	2	270			
	221.6	61.55	92.9		76.80	90		73	2				
	236.4	65.65	89.6		81.17	110		71	2.1				
XA100/32HE	103.2	28.68	90.7		42.14	45	Y2-280M-2 90KW	60.5	2	255			
	209.3	58.13	82.9		65.14	75		72.5	2				
	223.2	62.01	79.9		68.87	90		70.5	2.1				
XA125/20	238.0	66.00	54.5		59.34	75	Y2-280M-2 90KW	59.5	7	214			
	360.0	100.00	49.0		66.23	90		72.5	7.2				
	475.0	132.00	40.0		70.85	90		73	7				
XA125/20 A	228.0	63.20	49.5		52.52	75	Y2-280S-2 75KW	58.5	7	205			
	345.0	95.80	44.0		57.79	75		71.5	7.1				
	455.0	126.00	35.3		60.73	75		72	6.85				
XA125/20 B	216.0	60.10	44.8		45.81	55	Y2-280S-2 75KW	57.5	7	195	150	125	106
	328.0	91.10	39.5		50.03	55		70.5	6.95				
	433.0	120.00	31.5		52.30	75		71	6.6				
XA125/20 C	205.3	57.02	40.3		40.23	55	Y2-250M-2 55KW	56	7	185			
	311.1	86.43	35.6		43.02	55		70	6.5				
	409.8	113.85	28.4		44.87	55		70.5	6.4				

T-SCM Series

STAINLESS STEEL CENTRIFUGAL PUMP

OPERATING CONDITIONS

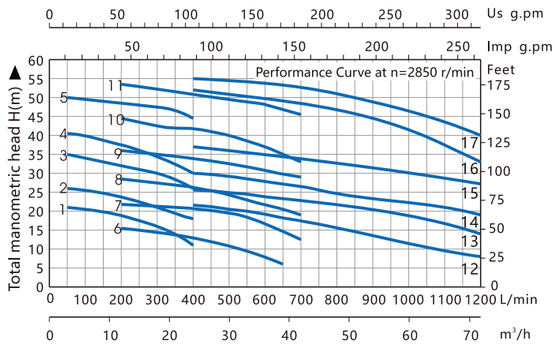
- Max. Working pressure: 10bar
- To avoid overload and danger the pump should be operated within the performance ranges.
- Media temperature:
  (1) With NBR/ceramic/carbon: -20℃~+80℃
  (2) With Viton/ceramic/carbon: -20℃~+110℃
  (3) With silicone rubber/ceramic/carbon: -20℃~+110℃

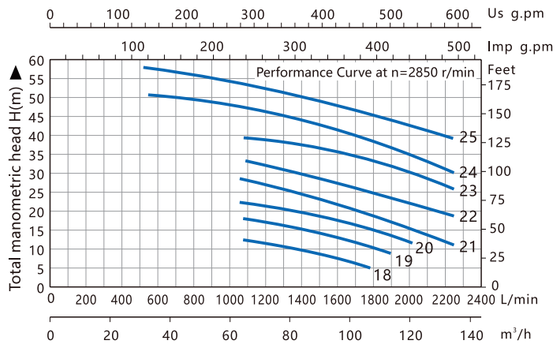
APPLICATION

- The pumps are suitable for transporting clean media which is non -aggressive to stainless steel SUS304 or SUS316.
- New Technology
- Stainless Steel Pump
- Large Capacity

MAINLY APPLIED TO

- Water supplying systems
- Pressure boiler feeding
- Pure water treating systems
- Pharmaceutical, food and refining chemical industries
- Washing and sprinkling





1. 50-32-125/1.1
2. 50-32-160/1.5
3. 50-32-160/2.2
4. 50-32-200/3.0
5. 50-32-200/4.0
6. 65-40-125/1.5
7. 65-40-125/2.2
8. 65-40-160/3.0
9. 65-40-160/4.0
10. 65-40-200/5.5
11. 65-40-200/7.5
12. 65-50-125/3.0
13. 65-50-125/4.0
14. 65-50-160 /5.5
15. 65-50-160/7.5
16. 65-50-200/9.2
17. 65-50-200/11
18. 80-65-125/4.0
19. 80-65-125/5.5
20. 80-65-125/7.5
21. 80-65-160/9.2
22. 80-65-160/11
23. 80-65-200/15
24. 80-65-200/18.5
25. 80-65-200/22

SISTEMA®

TECHNICAL DATA

No.	Model	Flowing Quantity	Head	Rotational Speed	Motor Power	Pump Efficiency	Vapour Loss	Capacity														
								L/min	0	100	150	200	300	333	360	400	450	500	600	700	800	1000	1200
		m³/h	m	RPM	kW	%	Complement NPSH(M)	m³/h	0	6	9	12	18	20	22	24	27	30	36	42	48	60	72
								Head (m)															
1	TSCM(V2) 50-32-125/1.1	12.5	@20	2900	1.1	61			24	21.5	20.5	19.5	16	13									
2	TSCM(V2) 50-32-160/1.5	10	@25	2900	1.5	56			29.5	27	26	25	21	18									
3	TSCM(V2) 50-32-160/2.2	12.5	@32	2900	2.2	62			37	33.5	32.5	32	28.5	27									
4	TSCM(V2) 50-32-200/3.0	10	@40	2900	3	48			45	41	40	38	34	32									
5	TSCM(V2) 50-32-200/4.0	12.5	@50	2900	4	50.5			55	51	50	49	46	45									
6	TSCM(V2) 65-40-125/1.5	20	@17	2900	1.5	68	2		20			19	18	17	43	15	14	12.5	10	7			
7	TSCM(V2) 65-40-125/2.2	25	@20	2900	2.2	74			26			23.5	22.5	22	16.5	21	20.5	19.5	16.5	13			
8	TSCM(V2) 65-40-160/3.0	20	@27	2900	3	66			31			29	27.5	27	21.5	25.5	25	24	22	19			
9	TSCM(V2) 65-40-160/4.0	25	@32	2900	4	66			39			35.5	34.5	34	26.5	32.5	32	31	29	26			
10	TSCM(V2) 65-40-200/5.5	20	@42	2900	5.5	57			47			43	42.5	42	33.5	41	40.5	39	37	33			
11	TSCM(V2) 65-40-200/7.5	25	@50	2900	7.5	62			57			53	52.5	52	41.5	50	49	48	46.5	44.5			
12	TSCM(V2) 65-50-125/3.0	40	@18	2900	3	70			22.5						51	20	19.5	19	18.5	17.5	16	13	9
13	TSCM(V2) 65-50-125/4.0	50	@20	2900	4	74			25.5							23	22.5	22	21.5	20.5	20	17	13.5
14	TSCM(V2) 65-50-160/5.5	40	@28	2900	5.5	71	2.5		33							29.5	29	28.5	28	27	26	24	20
15	TSCM(V2) 65-50-160/7.5	50	@32	2900	7.5	72			39							36	35	34.5	34	33.5	32.5	29	24
16	TSCM(V2) 65-50-200/9.2	40	@47	2900	9.2	73			53									47	46.5	45	43.5	39	32
17	TSCM(V2) 65-50-200/11.0	50	@50	2900	11	72			57.5									52	51	50.5	50	47	41

No.	Model	Flowing Quantity	Head	Rotational Speed	Motor Power	Pump Efficiency	Vapour Loss	Capacity												
								L/min	600	650	700	800	1000	1200	1500	1800	1900	2000	2100	2200
		m³/h	m	RPM	kW	%	Complement NPSH(M)	m³/h	36	39	42	48	60	72	90	108	114	120	126	132
								Head (m)												
18	TSCM(V2) 80-65-125/4.0	75	@11	2900	4	72			18	17.5	17	16	14	11.5	8	4.5				
19	TSCM(V2) 80-65-125/5.5	75	@15	2900	5.5	74	3.5		22.5	22	21.5	20.5	18.5	16	12.5	8.5	7			
20	TSCM(V2) 80-65-125/7.5	75	@21	2900	7.5	74			27.5	27	26.5	26	24	21.5	18	14	12	10.5		
21	TSCM(V2) 80-65-160/9.2	100	@21	2900	9.2	74					31	30	28	26	23	18	16	14.5	13	
22	TSCM(V2) 80-65-160/11.0	100	@26	2900	11	74					36	35	33	31	28	23	21	19.5	18	16.5
23	TSCM(V2) 80-65-200/15.0	100	@34	2900	15	75	4				44	43	41	39	36	32	30	28	26	23
24	TSCM(V2) 80-65-200/18.5	100	@43	2900	18.5	75					51	50	49	48	45	41	39	37	35	33
25	TSCM(V2) 80-65-200/22.0	100	@50	2900	22	75					57	56	55	54	51	47	45.5	44	42	40

IMV Series

VERTICAL MULTISTAGE WATER TREATMENT PUMP

APPLICATION

- Water supply: Pressure boosting for main pipes and high-rise buildings.
- Industrial pressure boosting: Water system, cleaning system, high pressure washing system and firefighting system.
- Pressure boosting for pressure tank, sprinkling irrigation and trickling irrigation.
- Air conditioner, cooling system and industrial cleaning.

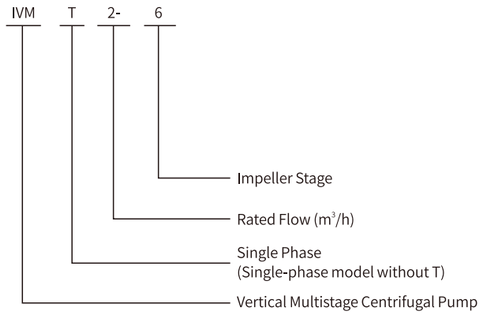
FEATURES

- Economic vertical multistage pumps
- Applicable for a wide scope of different temperatures, flow rates and pressure rangesWater inlet and outlet can be rotated for proper assembly in accordance withinstallation requirement
- Easy installation and maintenance
- Advanced hydraulic model design, featuring stable operation and high efficiency
- Cast iron water inlet and outlet with special anti-rust treatment
- High-strength engineering plastic flow passage components
- Reliable stainless steel welded shaft

WORKING CONDITIONS

- Liquid temperature: +5°C ~ 60°C
- Maximum ambient temperature: +40°C
- Maximum pressure: 15 bar
- Altitude: up to 1000 m

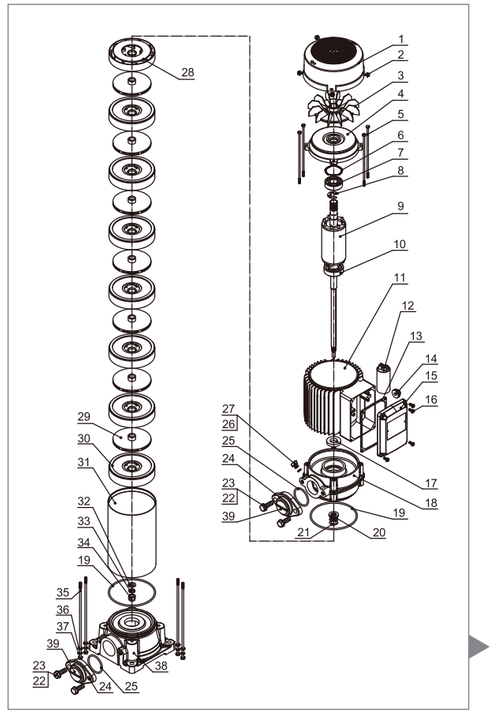
LDENTIFICATION CODES



MODEL SELECTION INSTRUCTIONS

- Voltage and frequency: Single-phase 220-240V/50Hz
- Three-phase 380-415V/50Hz
- Please choose the pump with appropriate flow rate and head to meet your actual demand.

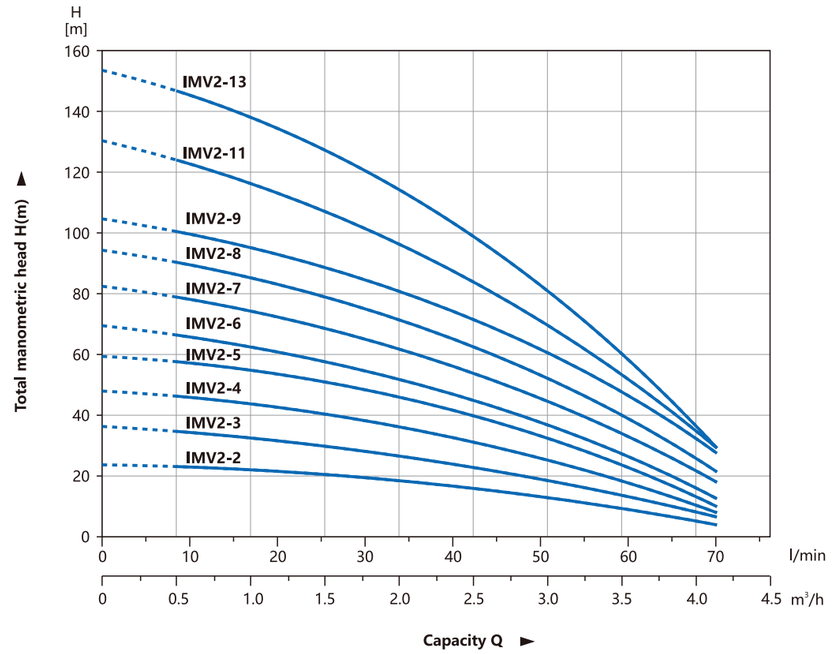
SISTEMA



MATERIALS TABLE

No.	DESCRIPTION	No.	DESCRIPTION
1	fan cover	21	plain washer
2	screw	22	screw
3	fan	23	plain washer
4	rear cover	24	flange connector
5	motor tie-rod	25	"O" ring
6	adjusting ring	26	drain plug
7	ball bearing/6204	27	"O" ring
8	circlip	28	outlet diffuser
9	shaft and rotor	29	impeller
10	ball bearing/6304	30	diffuser
11	stator with winding	31	pump body
12	capacitor	32	plain washer
13	gasket	33	spring washer
14	cable gland	34	impeller nut
15	terminal cover	35	tension bar
16	screw	36	plain washer
17	oil seal	37	spring washer
18	front cover	38	foot
19	"O" ring	39	seal
20	mechanical seal		

HYDRAULIC PERFORMANCE CURVES



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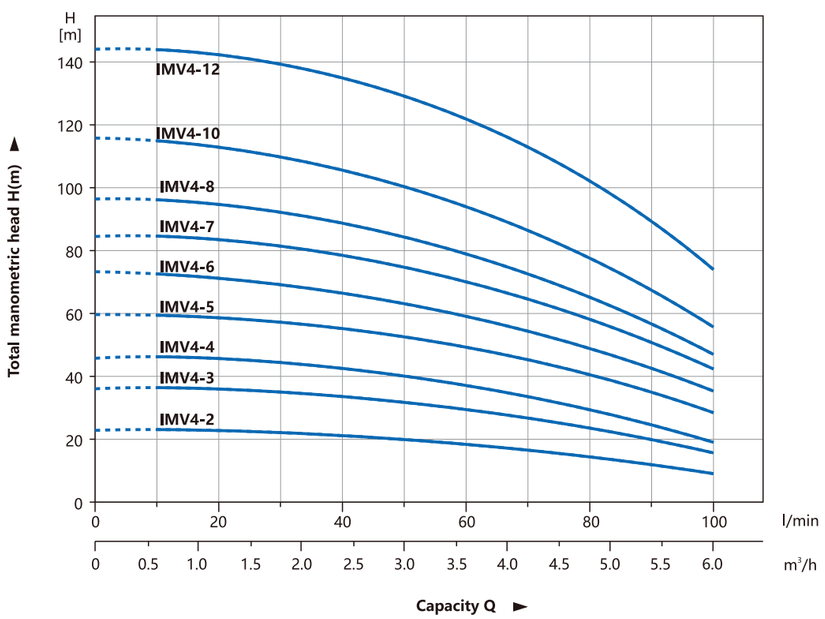

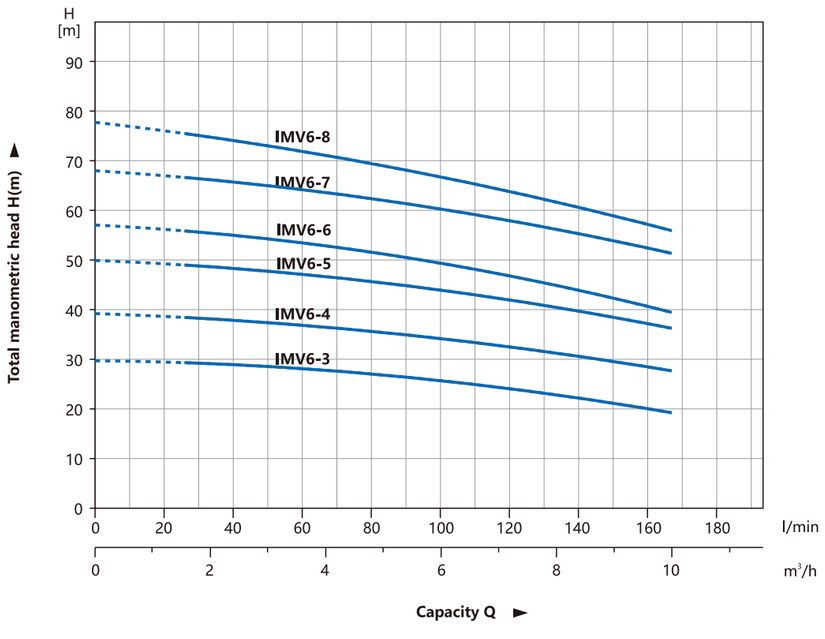

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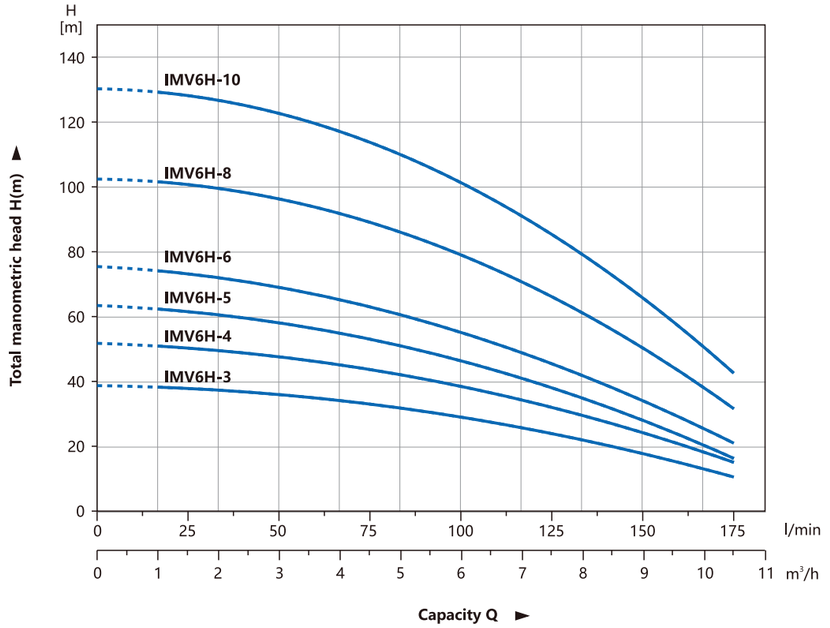
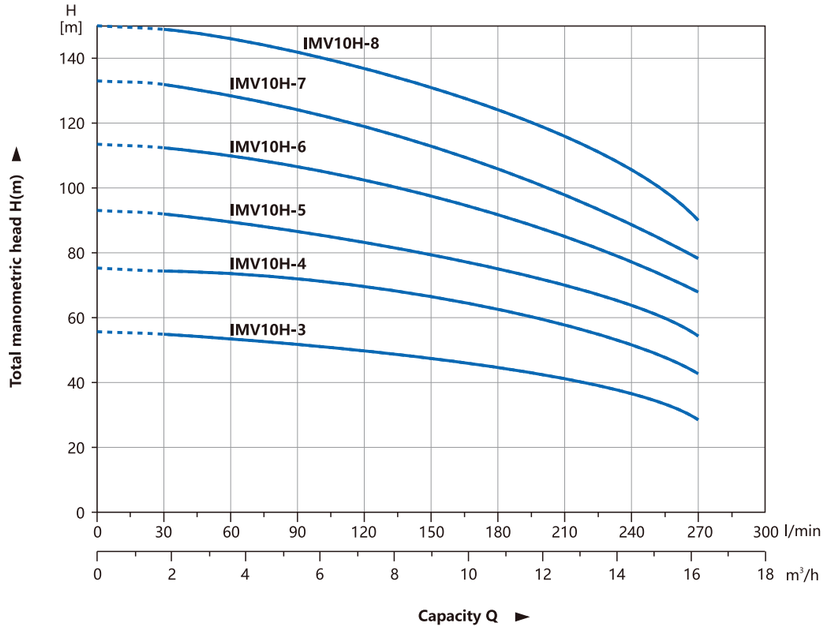




IMV Series

VERTICAL MULTISTAGE WATER TREATMENT PUMP

TECHNICAL DATA

Model		Power(P2)		Q(m³/h)	0	1	2	3	4
Single phase 220V 50Hz	Three phase 380V 50Hz	kW	HP	Q(l/min)	0	16.7	33.3	50	66.7
IMVm2-2	IMV2-2	0.37	0.5		24	23	18	13	6
IMVm2-3	IMV2-3	0.55	0.75		36	33	26	20	9
IMVm2-4	IMV2-4	0.75	1.0		48	45	35	26	11
IMVm2-5	IMV2-5	1.0	1.5		59	57	44	33	15
IMVm2-6	IMV2-6	1.0	1.5	H	69	65	52	37	18
IMVm2-7	IMV2-7	1.1	1.5	(m)	82	75	62	45	25
IMVm2-8	IMV2-8	1.5	2.0		94	87	72	52	28
IMVm2-9	IMV2-9	1.5	2.0		105	98	82	60	35
IMVm2-11	IMV2-11	1.8	2.5		130	119	98	69	37
-	IMV2-13	2.2	3.0		153	142	115	80	39

Model		Power(P2)		Q(m³/h)	0	1	2	3	4	5	6
Single phase 220V 50Hz	Three phase 380V 50Hz	kW	HP	Q(l/min)	0	16.7	33.3	50	66.7	83.3	100
IMVm4-2	IMV4-2	0.55	0.75		24	23	22	21	18	15	10
IMVm4-3	IMV4-3	0.75	1.0		37	36	34	33	29	24	16
IMVm4-4	IMV4-4	1.0	1.5		47	46	45	41	36	28	20
IMVm4-5	IMV4-5	1.5	2.0		61	58	57	55	48	39	29
IMVm4-6	IMV4-6	1.5	2.0	H	74	72	69	66	57	47	36
-	IMV4-7	2.2	3.0	(m)	86	83	81	77	68	57	43
-	IMV4-8	2.2	3.0		98	95	92	86	76	63	47
-	IMV4-10	2.2	3.0		116	114	110	102	90	73	57
-	IMV4-12	3.0	4.0		145	142	140	131	115	97	75

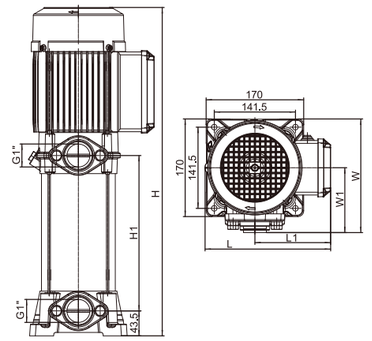
Model		Power(P2)		Q(m³/h)	0	1	2	3	4	5	6	7	8	9	10
Single phase 220V 50Hz	Three phase 380V 50Hz	kW	HP	Q(l/min)	0	16.7	33.3	50	66.7	83.3	100	116.7	133.3	150	166.7
IMVm6-3	IMV6-3	1.1	1.5		30	29.5	29	28.5	28	27	26	24.5	23	21	19
IMVm6-4	IMV6-4	1.5	2.0		40	38.5	37.5	37.3	37	36	34	33.5	32	30	27
-	IMV6-5	2.2	3.0	H	50	49	48.5	48.3	48	45	43	42	41	39	36
-	IMV6-6	2.2	3.0	(m)	58	56	54	53.5	53	52	51	48	45	41	40
-	IMV6-7	3.0	4.0		68	67	66.5	65	63.5	62	60	58	56	54	51
-	IMV6-8	3.0	4.0		78	75	73	72	71	70	68	65	62	59	55

Model		Power(P2)		Q(m³/h)	0	1	2	3	4.5	6	7.5	9	10.5
Single phase 220V 50Hz	Three phase 380V 50Hz	kW	HP	Q(l/min)	0	16.7	33.3	50	75	100	125	150	175
IMVm6H-3	IMV6H-3	1.1	1.5		39	38	37	35	33	29	24	18	10
IMVm6H-4	IMV6H-4	1.5	2.0		52	51	49	47	44	39	32	25	14
IMVm6H-5	IMV6H-5	1.8	2.5	H	64	62	60	58	54	47	38	28	16
-	IMV6H-6	2.2	3.0	(m)	76	74	71	68	63	56	45	34	20
-	IMV6H-8	3.0	4.0		103	100	97	95	90	80	66	50	31
-	IMV6H-10	4.0	5.5		130	127	124	121	114	103	86	66	41

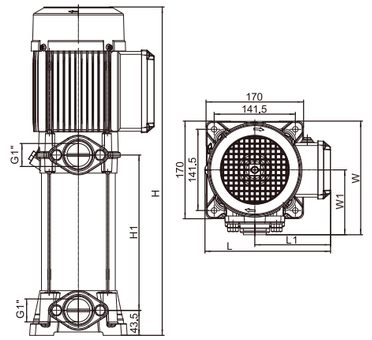
Model	Power(P2)		Q(m³/h)	0	2	4	6	8	10	12	14	16
Three phase 380V 50Hz	kW	HP	Q(l/min)	0	33.3	67	100	133	167	200	233	267
IMV10H-3	3.0	4.0		56	55	54	52	49	46	42	39	29
IMV10H-4	4.0	5.5		75	74	72	70	67	64	60	53	43
IMV10H-5	5.5	7.5	H	93	91	87	84	81	77	72	64	55
IMV10H-6	5.5	7.5	(m)	113	110	107	104	100	96	87	78	68
IMV10H-7	7.5	10		132	128	124	120	116	112	103	93	80
IMV10H-8	7.5	10		150	147	143	139	134	127	120	108	92

SISTEMA®

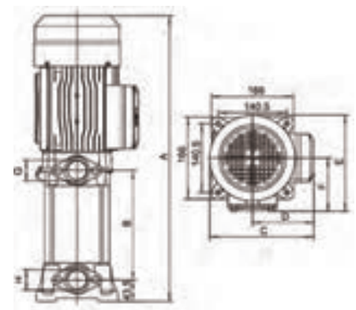
DIMENSION



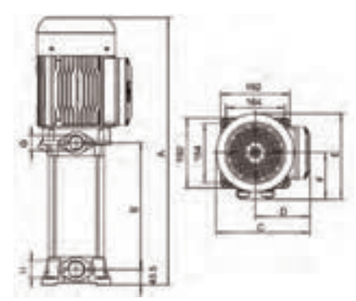
Model		Power(P2)	H	H1	L	L1	W	W1
Single phase 220V 50Hz	Three phase 380V 50Hz	kW						
IMVm2-2	IMV2-2	0.37	417	121	203	115	197	112
IMVm2-3	IMV2-3	0.55	441	145	203	115	197	112
IMVm2-4	IMV2-4	0.75	465	169	203	115	197	112
IMVm2-5	IMV2-5	1.0	489	193	203	115	197	112
IMVm2-6	IMV2-6	1.0	513	217	203	115	197	112
IMVm2-7	IMV2-7	1.1	549	247	220	132	197	112
IMVm2-8	IMV2-8	1.5	573	271	220	132	197	112
IMVm2-9	IMV2-9	1.5	597	295	220	132	197	112
IMVm2-11	IMV2-11	1.8	645	343	220	132	197	112
-	IMV2-13	2.2	693	391	220	132	197	112



Model		Power(P2)	H	H1	L	L1	W	W1
Single phase 220V 50Hz	Three phase 380V 50Hz	kW						
IMVm4-2	IMV4-2	0.55	417	121	203	115	197	112
IMVm4-3	IMV4-3	0.75	441	145	203	115	197	112
IMVm4-4	IMV4-4	1.0	465	169	203	115	197	112
IMVm4-5	IMV4-5	1.5	501	199	220	132	197	112
IMVm4-6	IMV4-6	1.5	525	223	220	132	197	112
-	IMV4-7	2.2	549	247	220	132	197	112
-	IMV4-8	2.2	573	271	220	132	197	112
-	IMV4-10	2.2	621	319	220	132	197	112
-	IMV4-12	3.0	735	373	250	148	218	122



Model		Power(P2)	A	B	C	D	E	F
Single phase 220V 50Hz	Three phase 380V 50Hz	kW						
IMVm6-3	IMV6-3	1.1	487	190	210	125	G1.25	G1.25
IMVm6-4	IMV6-4	1.5	524	227	210	125	G1.25	G1.25
-	IMV6-5	2.2	561	264	210	125	G1.25	G1.25
-	IMV6-6	2.2	598	301	210	125	G1.25	G1.25
-	IMV6-7	3.0	685	338	221	134	G1.25	G1.25
-	IMV6-8	3.0	722	375	221	134	G1.25	G1.25



Model	Power(P2)	A	B	C	D	E	F	G	H
Three phase 380V 50Hz	kW								
IMV10-3	3.0	554.5	187	240	141	227.5	127.5	G1.25	G1.5
IMV10-4	4.0	577.5	220	240	141	227.5	127.5	G1.25	G1.5
IMV10-5	5.5	647	253	262	152	237.5	128.5	G1.25	G1.5
IMV10-6	5.5	680	206	262	152	237.5	128.5	G1.25	G1.5
IMV10-7	7.5	713	319	262	152	237.5	128.5	G1.25	G1.5
IMV10-8	7.5	746	352	262	152	237.5	128.5	G1.25	G1.5

YDL/YDLF Series

VEVTICAL-MULTI-STAGES PUMP

YDL(HT 200 / ASTM80-55-06)

YDLF(AISI 304 / AISI 316)

OPERATING CONDITIONS

- Low viscosity, non-inflammable and non-explosive liquids not containing solid particles or fibers. The liquids must not chemically attack the pump materials. When pumping liquids with a density or viscosity is higher than that of water, a motor with a higher output power rating shall be used.
- Liquid temperature:-20°C~+120°C
- Flow ranges: 0.7-240 m^3/h
- Liquid pH value:4-10
- Max. ambient temperature: +40°C
- Max. operation pressure: 33 bare
- Altitude: up to 1000 m

MOTOR

- IE1 motor (IE2/IE3 motor optional)
- Totally enclosed & fan-cooled
- Protection class: Ip55
- Standard voltage:50Hz:1x220-230/240V
  3x200-220/346-380V
  3x220-240/380-415V
  3 x380-415V

IDENTIFICATIONS CODES

- YDL: Cast iron base & pump cover
- YDLF: Stainless steel wetted parts
- A: Oval flange; K: Clamp connector;
- G:Threaded connector

IDENTIFICATION CODES

YDL F 1 s

- S small impeller
- 1 Rated flow (m^3/h)
- F (Common type omitted) Flow passage components are of stainless steel AISI304 or 3161
- YDL Light vertical multistage centrifugal pump

YDL/YDLF32,42,45,65,85,95,125 and 150

YDL F 32 – 30 / 2

- Number of small impeller
- Stage X10
- Rated flow (m^3/h)
- (Common type omitted) Flow passage components are of stainless steel AISI304 or 316L
- Light vertical multistage centrifugal pump

YDL/YDLF1,2,3,4,5,8,10,12,15 and 20

YDL F 8 – 2

- Stage
- Rated flow (m^3/h)
- (Common type omitted) Flow passage components are of stainless steel AISI304 or 316L
- Light vertical multistage centrifugal pump

YDL/YDLF200

YDL F 200 – 30 – 2A – B

- One small impeller B
- Two small impellers A
- Stage X10
- Rated flow (m^3/h)
- (Common type omitted) Flow passage components are of stainless steel AISI304 or 316L
- Light vertical multistage centrifugal pump

SISTEMA®

APPLICATION

Application	YDL	YDLF
Water supply		
Filtration and transmission of water supply system	●	○
Distribution of water supply system	●	○
Pressurization in water supply trunks	●	○
Pressurization in high-rise buildings, hotels and other buildings	●	○
Pressurization of industrial water	●	○
Industry		
Pressurization of Water		
Process water system	●	●
* Washing and cleaning system	●	●
Car wash tunnel	●	○
Fire fighting system	●	-
Liquid transfer System		
Cooling and air conditioning systems (refrigerants)	●	○
Boiler feed and condensing systems	●	○
Machine tools (cooling lubricants)	●	●
Aquaculture	●	○
Special liquid transfer work		
Oils and alcohols	●	●
Acids and Bases	-	●
Glycols and coolants	●	-
Water treatment		
Ultrafiltration	-	●
Reverse systems	-	●
Softening, ionization, demineralization systems	-	●
Distillation system	-	●
Separator	●	●
Swimming pools	-	●
Irrigation		
Farmland irrigation (flood irrigation) sprinkler	●	○
Irrigation	●	○
Drip irrigation	●	○

● Recommended version.

○ Optional version.

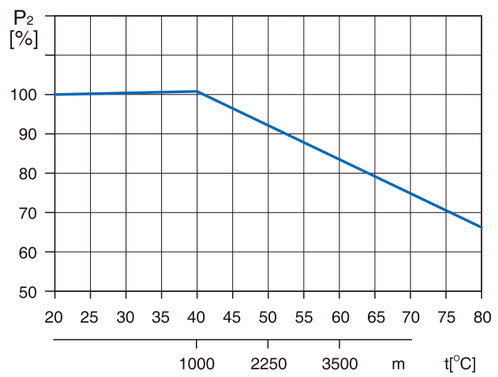
* For applications involving CIP (cleaning in place) and motors greater than 55 kW, a bearing flange and a base without thrust balancing device or flange must be used. For more information please contact our sales

YDL/YDLF Series

VEVTICAL-MULTI-STAGES PUMP

AMBIENT TEMPERATURE

- Max. ambient temperature: +40°C. Ambient temperature above 40°C or installation at altitude of more than 1000 meters above sea level require the use of an oversize motor. Because of low air density and poor cooling effects, the motor output power P2 will be decreased. See the picture.
- In such cases, it may be necessary to use a motor with a highe!output power rating.



For example, when the pump is installed at altitude of more than 3500 meters above sea level, P2 will be decreased to 88%.When the ambient temperature is 70°C, P2 will be decreased to 78%.

MINIMUM INLET PRESSURE-NPSH

Calculation of the inlet pressure "H" is recommended in thesesituations:
The liquid temperature is high.
The flow is significantly higher than the rated flow.
Water is drawn from depths.
Water is drawn through long pipes.
Inlet conditions are poor.

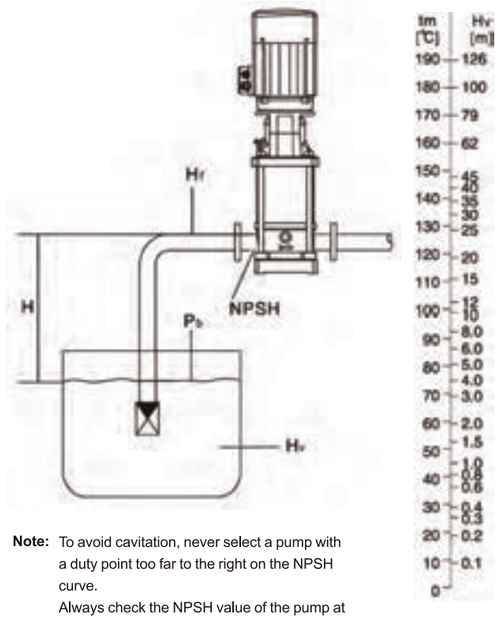
MAXIMUM INLET PRESSURE

The following table shows the maximum permissible inlet pressure. However, the current inlet pressure + the pressure against a closed valve must always be lower than the Max. permissible operating pressure.
If the maximum permissible operating pressure is exceeded, the bearing in the motor may be damaged and the life of the shaft seal reduced.

To avoid cavitation, make sure that there is a minimum pressure on the suction side of the pump. The maximum suction lift "H" in meters head can be calculated as follows:

H	= P_b x 10.2-NPSH-H_f-H_v-H_s
P_b	= Barometric pressure in bar. (Barometric pressure can be set to 1 bar). In closed systems, P_b indicates the system pressure in bar.
NPSH	= Net Positive Suction Head in meters head. (To be read from the NPSH curve at the highest flow the pump will be delivering.)
H_f	= Friction loss in suction pipe in meters head. (At the highest flow the pump will be delivering.)
H_v	= Vapor pressure in meters head. (To be read from the vapor pressure scale. "H_v" depends on the liquid temperature "tm")
H_s	= Safety margin=minimum 0.5 meters head.

If the "H" calculated is positive, the pump can operate at a suction lift of maximum "H" meters head.
If the "H" calculated is negative, an inlet pressure of minimum "H" meters head is required.



Note: To avoid cavitation, never select a pump with a duty point too far to the right on the NPSH curve.
Always check the NPSH value of the pump at the highest possible flow.

SISTEMA®

PRODUCT RANGE

MODEL / DESCRIPTION	YDL(F) 1s	YDL(F) 1	YDL(F) 2	YDL(F) 3	YDL(F) 4	YDL(F) 5	YDL(F) 8	YDL(F) 10	YDL(F) 12	YDL(F) 15	YDL(F) 20
Rated flow [m³/h]	0.8	1	2	3	4	5	8	10	12	15	20
Flow range [m³/h]	0.3-1.1	0.7-2.4	1.0-3.5	1.2-4.5	1.5-8	2.5-8.5	5-12	5-13	7-16	8-23	10.5-29
Max.pressure [bar]	20	22	23	24	21	24	21	22	22	23	25
Motor power [kW]	0.37-1.1	0.37-2.2	0.37-3	0.37-3	0.37-4	0.37-4	0.75-7.5	1.1-7.5	1.9-4.4	1.1-15	1.1-18.5
Temperature Range [°C]	-20℃~+120℃ (Note: Both the Max. permissible pressure and liquid temperature range refer to the pump capacity.)										
Max.pump efficiency [%]	33	45	46	55	59	60	62	65	63	70	72
Pipe connection-YDL											
Oval flange [developing]	Rp1"	Rp1"	Rp1"	Rp1"	Rp1¼"	Rp1¼"	Rp1½"	Rp1½"	Rp1½"	Rp2"	Rp2"
DIN flange	DN25	DN25	DN25	DN25	DN32	DN32	DN40	DN40	DN50	DN50	DN50
Pipe connection-YDLF											
Oval flange	—	—	—	—	—	—	—	—	—	—	—
DIN flange	DN32	DN32	DN32	DN32	DN32	DN32	DN40	DN40	DN50	DN50	DN50
Clamp connector	Φ42	Φ42	Φ42	Φ42	Φ42	Φ42	Φ60	Φ60	Φ60	Φ60	Φ60
Threaded connector	ZG1¼	ZG1¼	ZG1¼	ZG1¼	ZG1¼	ZG1¼	ZG2	ZG2	ZG2	ZG2	ZG2
YDL EN 10088 1.4301≈AISI 304	●	●	●	●	●	●	●	●	●	●	●
YDLF EN 10088 1.4301≈AISI 304/316	●	●	●	●	●	●	●	●	●	●	●

MODEL / DESCRIPTION	YDL(F) 32	YDL(F) 42	YDL(F) 45	YDL(F) 65	YDL(F) 85	YDL(F) 95	YDL(F) 120	YDL(F) 125	YDL(F) 150	YDL(F) 155	YDL(F) 200
Rated flow [m³/h]	32	42	45	64	85	95	120	125	150	155	200
Flow range [m³/h]	15-40	25-55	22-58	30-85	50-110	45-120	60-150	60-160	80-180	75-200	100-240
Max.pressure [bar]	28	30	33	22	17	20	16	16	16	16	16
Motor power [kW]	1.5-30	3-45	3-45	4-45	5.5-45	5.5-45	11-110	11-110	11-110	11-110	18.5-110
Temperature Range [°C]	-20℃~+120℃ (Note: Both the Max. permissible pressure and liquid temperature range refer to the pump capacity.)										
Max.pump efficiency [%]	78	75	79	80	80	81	81	82	82	82	79
Pipe connection-YDL											
Oval flange [developing]	—	—	—	—	—	—	—	—	—	—	—
DIN flange	DN65	DN80	DN80	DN100	DN100	DN100	DN125	DN150	DN150	DN150	DN150
Pipe connection-YDLF											
Oval flange	—	—	—	—	—	—	—	—	—	—	—
DIN flange	DN65	DN80	DN80	DN100	DN100	DN100	DN125	DN150	DN150	DN150	DN150
Clamp connector	—	—	—	—	—	—	—	—	—	—	—
Threaded connector	—	—	—	—	—	—	—	—	—	—	—
YDL EN 10088 1.4301≈AISI 304	●	●	●	●	●	●	●	●	●	●	●
YDLF EN 10088 1.4401≈AISI 316/304	●	●	●	●	●	●	●	●	●	●	●

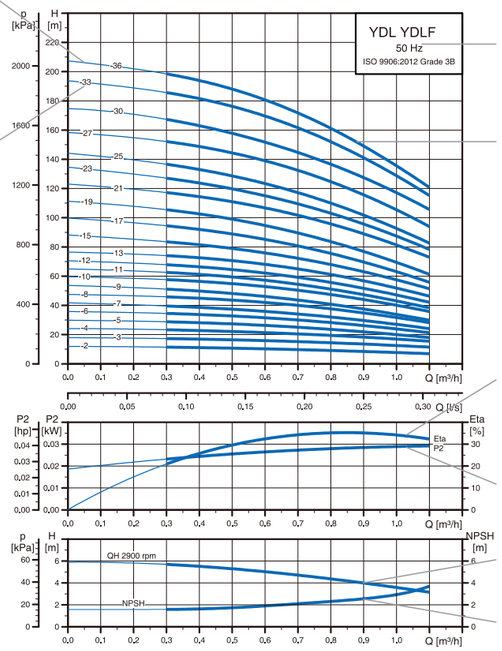
YDL/YDLF Series

VEVTICAL-MULTI-STAGES PUMP

HOW TO READ THE CURVE CHARTS

The thin curves indicate the duty range where long-time operation is not allowed

Number of Stages



Pump type, frequency and ISO standard.

The bold curves indicate the duty range where long-time operation is permitted for best efficiency

The efficiency curve

The output power curves of single impeller

The Q-H curve of single impeller

The NPSH curve

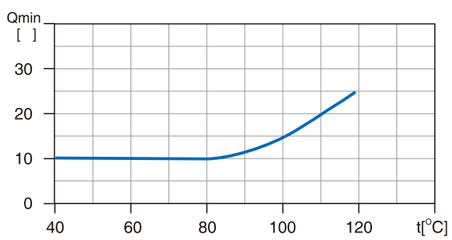
GUIDELINES TO PERFORMANCE CURVES

Tolerances to ISO 9906, Annex A.
Measurements have been made with airless water at a temperature of 20°C and kinematic viscosity of 1mm'/s.To avoid overheating of the motor, the pump should not be use against a high head for a long time.

MINIMUM FLOW RATE

Due to the risk of overheating, the pump should not be used at a flow below the minimum flow rate. The curve below shows the minimum flow rate as a percentage of the nominal flow rate in relation to the liquid temperature.

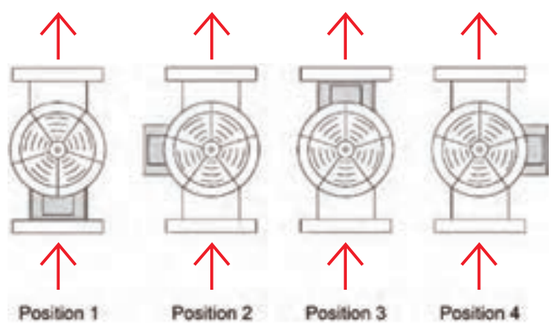
Air cooling apparatus



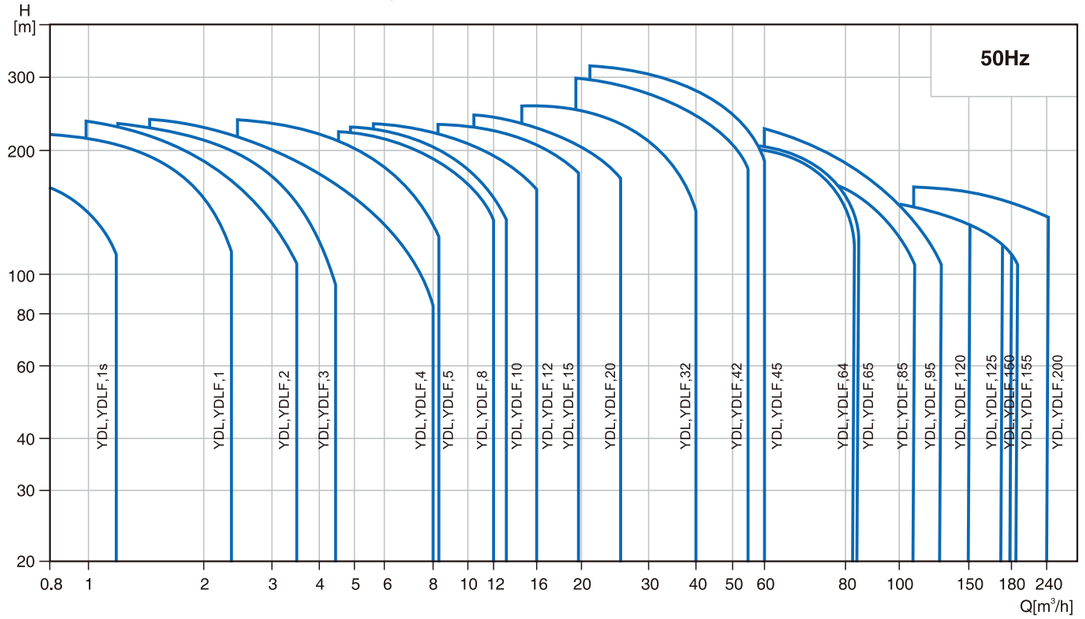
Note: The outlet valve must be opened when the pump is in operation.

TERMINAL BOX POSITIONS

(Note: set to position 1 before delivery)



SCOPE OF PERFORMANCE-YDL,YDLF



OPERATING RANGE OF SHAFT SEALS

The operating range of the shaft seal depends on the operating pressure, pump type, shaft seal type and liquid temperature. The ranges shown in the following diagram apply to clean water and water with antifreeze

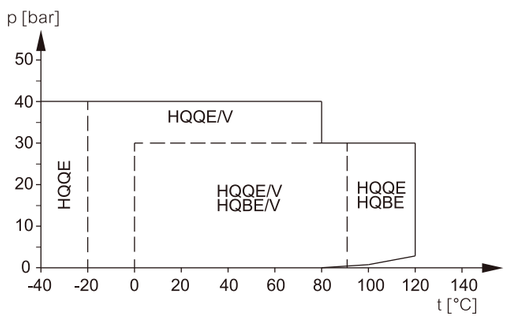
Note that if you use demineralized water with a conductivity below 2 uS/cm with a SiC/SiC shaft seal, there is an increased risk of galvanic corrosion. We recommend that you use SiC/Carbon or SiC/Tungsten Carbide shaft seals.

Operating range of standard shaft seals YDL, YDLF,1s-155

Standard shaft seal	Motor power [kW]	Describe	Liquid temperature [°C]
HQQE	0.37 - 55	O-ring (box type) (balanced seal), Silicon Carbide/Silicon Carbide, EPDM	-40 to +120
HQQV		O-ring (box type) (balanced seal), Silicon Carbide/Silicon Carbide, FKM	-20 to +90
HQBE		O-ring (box type) (balanced seal), Silicon Carbide/Carbon, EPDM	0 to 120
HQBV		O-ring (box type) (balanced seal), Silicon Carbide/Carbon, FKM	0 to 90

Shaft seal for Φ28 (75-110 kW) shaft end

Standard shaft seal	Motor power [kW]	Describe	Liquid temperature [°C]
HQQE	75-110	O-ring (box type) (balanced seal), Silicon Carbide/Silicon Carbide, EPDM	-40 to +120
HQQV		O-ring (box type) (balanced seal), Silicon Carbide/Silicon Carbide, FKM	-20 to +90
HQBE		O-ring (box type) (balanced seal), Silicon Carbide/Carbon, EPDM	0 to 120
HQBV		O-ring (box type) (balanced seal), Silicon Carbide/Carbon, FKM	0 to 90

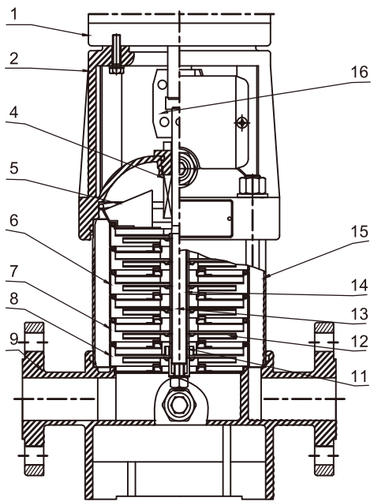


1. Code Analysis
H: stands for Spring, which is usually a spring-loaded seal to ensure that the seal fits tightly to the shaft surface.
Q: stands for Graphite, which usually refers to the friction pair or sealing surface of the seal using graphite-filled PTFE (polytetrafluoroethylene) material. Graphite-filled PTFE has excellent chemical resistance and low friction coefficient.
B: stands for Silicon Carbide, which is an extremely hard and wear-resistant material, usually used for the dynamic and static rings of seals.
E: stands for Ethylene Propylene Rubber (EPDM), an elastomer commonly used in seals, with good chemical resistance and heat resistance, usually used in hot water or steam environments.
V: stands for Fluor rubber (Viton? or FKM), an elastomer material with extremely high chemical resistance and high temperature resistance, widely used in chemical, petrochemical and other fields.

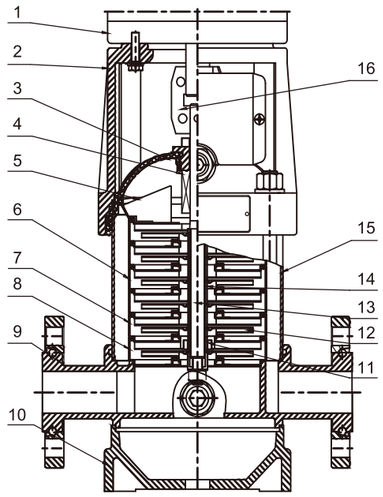
YDL/YDLF Series

VEVTICAL-MULTI-STAGES PUMP

SECTION DRAWING YDLF,YDLN 1,2,3,4



YDL



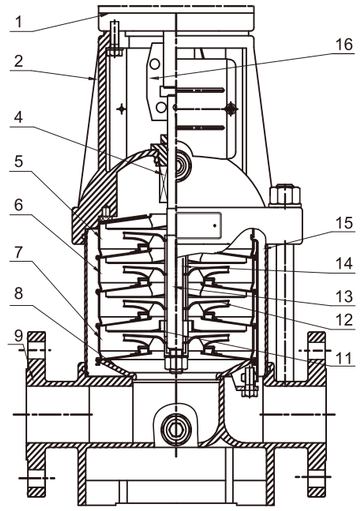
YDLF

MATERIAL YDLF,YDLN 1,2,3,4

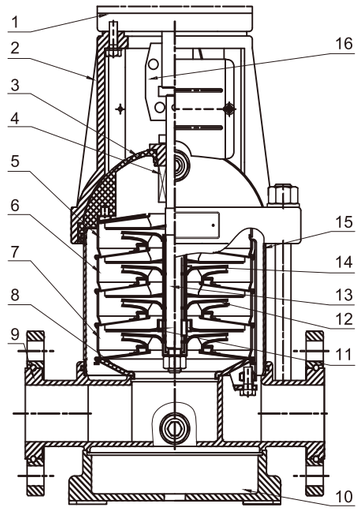
NO.	Name	Material	AISI/ASTM
1	Motor		
2	Pump head	Cast iron	HT200
4	Mechanical seal		
5	Top diffuser	Stainless steel	AISI304
6	Diffuser	Stainless steel	AISI304
7	Support diffuser	Stainless steel	AISI304
8	Inducer	Stainless steel	AISI304
11	Bearing	Tungsten carbide	AISI304
12	Impeller	Stainless steel	AISI304
13	Shaft	Stainless steel	AISI304 AISI316L

NO.	Name	Material	AISI/ASTM
14	Impeller sleeve	Stainless steel	AISI304
15	Cylinder	Stainless stee]	AISI304
16	Coupling	Carbon steel	
	YDLF		
3	Seal base	Stainless steel	AISI304
9	Inlet and outlet chamber	Stainless steel	AISI304
10	Base plate	Cast iron	HT200
	YDL		
9	Inlet and outlet chamber	Cast iron	HT200

SECTION DRAWING YDLF,YDLN 8,10,12,15,20



YDL



YDLF

MATERIAL YDLF,YDLN 8,10,12,15,20

NO.	Name	Material	AISI/ASTM
1	Motor		
2	Pump head	Cast iron	HT200
4	Mechanical seal		
5	Top diffuser	Stainless steel	AISI304
6	Diffuser	Stainless steel	AISI304
7	Support diffuser	Stainless steel	AISI304
8	Inducer	Stainless steel	AISI304
11	Bearing	Tungsten carbide	
12	Impeller	Stainless steel	AISI304
13	Shaft	Stainless steel	AISI304 AISI316L

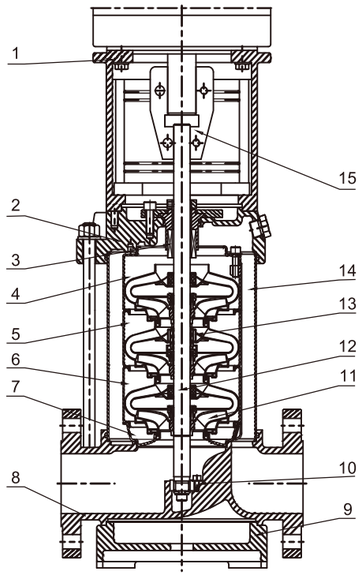
NO.	Name	Material	AISI/ASTM
14	Impeller sleeve	Stainless steel	AISI304
15	Cylinder	Stainless stee]	AISI304
16	Coupling	Carbon steel	
	YDLF		
3	Seal base	Stainless steel	AISI304
9	Inlet and outlet chamber	Stainless steel	AISI304
10	Base plate	Cast iron	HT200
	YDL		
9	Inlet and outlet chamber	Cast iron	HT200

YDL/YDLF Series

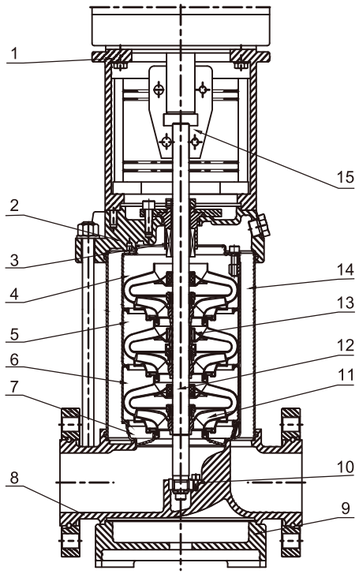
VEVTICAL-MULTI-STAGES PUMP

SISTEMA

SECTION DRAWING YDLF,YDLN 32,42,65,85



YDL



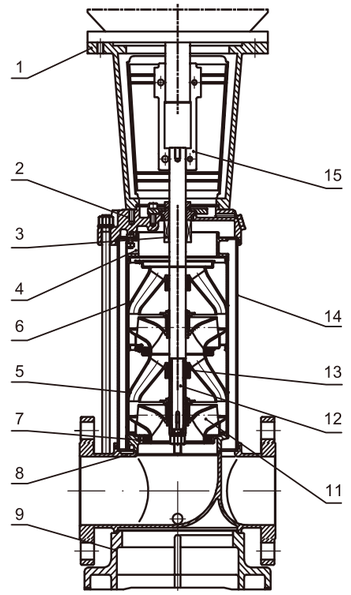
YDLF

MATERIAL YDLF,YDLN 32,42,65,85

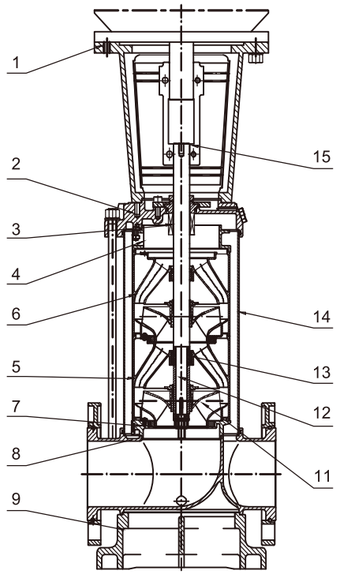
NO.	Name	Material	AISI/ASTM
1	Bracket	Cast iron	HT200
3	Mechanical seal		
4	Top diffuser	Stainless steel	AISI304
5	Support diffuser	Stainless steel	AISI304
6	Diffuser	Stainless steel	AISI304
7	Inducer	Stainless steel	AISI304
9	Base plate	Cast iron	HT200
10	Bottom bearing	Tungsten carbide	
11	Impeller	Stainless steel	AISI304

NO.	Name	Material	AISI/ASTM
12	Shaft	Stainless steel	AISI316L AISI304 AISI431
13	Intermediate bearing	Tungsten carbidc	
14	Cylinder	Stainless steel	AISI304
15	Coupling	Carbon steel	
	Rubber parts	NBR	
	YDL		
2	Pump head	Cast iron	HT200
8	Inlet and outlet chamber	Cast iron	HT200
	YDLF		
2	Pump head	Stainless steel	AISI304
8	Inlet and outlet chamber	Stainless steel	AISI304

SECTION DRAWING YDLF,YDLN 120,150,200



YDL



YDLF

MATERIAL YDLF,YDLN 120,150,200

NO.	Name	Material	AISI/ASTM
1	Bracket	Cast iron	HT200
3	Mechanical seal		
4	Discharge	Stainless steel	AISI304
5	Support diffuser	Stainless steel	AISI304
6	Diffuser	Stainless steel	AISI304
7	Inducer	Stainless steel	AISI304
9	Base plate	Cast iron	ASTM 80-55-06
11	Impeller	Stainless steel	AISI304
12	Shaft	Stainless steel	AISI304

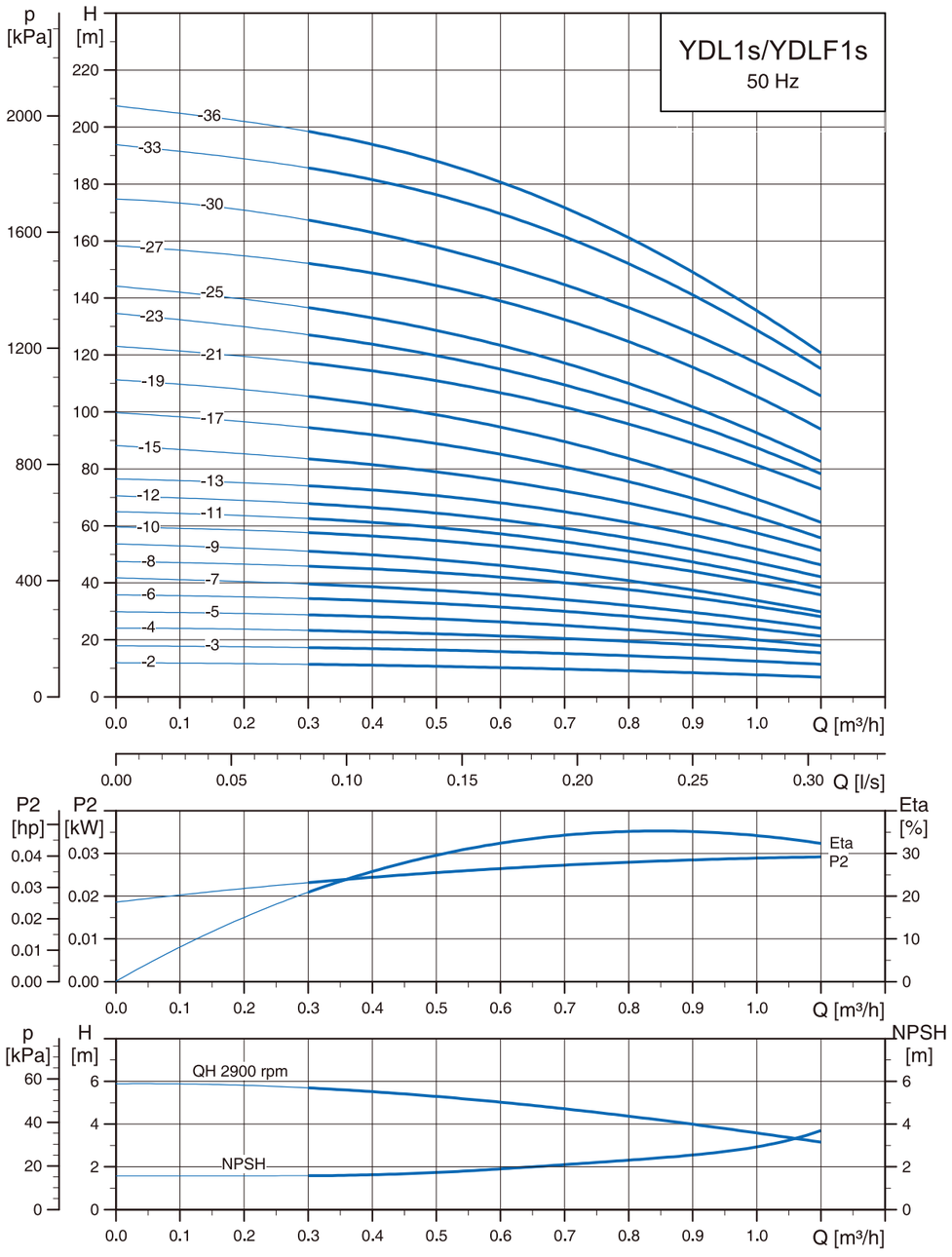
NO.	Name	Material	AISI/ASTM
13	Bearing	Tungsten carbide	
14	Cylinder	Stainless steel	AISI304
15	Coupling	Carbon steel	
	Rubber parts	NBR	
	YDL		
2	Pump head	Cast iron	ASTM 80-55-06
8	Inlet and outlet chamber	Cast iron	ASTM 80-55-06
	YDLF		
2	Pump head	Stainless steel	AISI304
8	Inlet and outlet chamber	Stainless steel	AISI304

YDL/YDLF Series

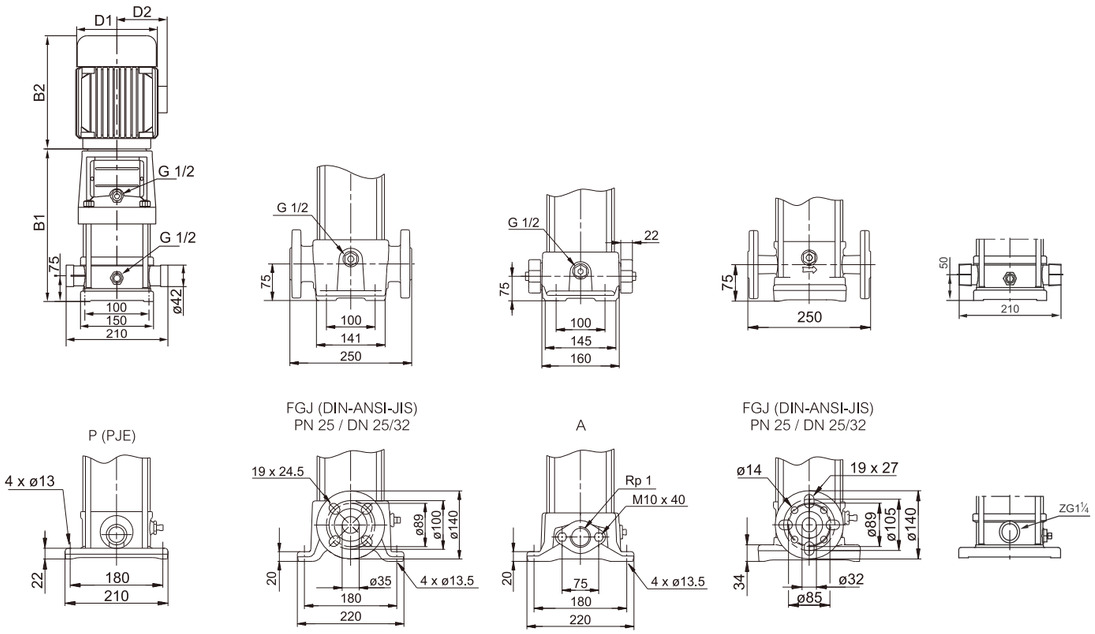
VEVTICAL-MULTI-STAGES PUMP

HYDRAULIC PERFORMANCE CURVES

YDL1s/YDLF1s



DIMENSION DRAWING



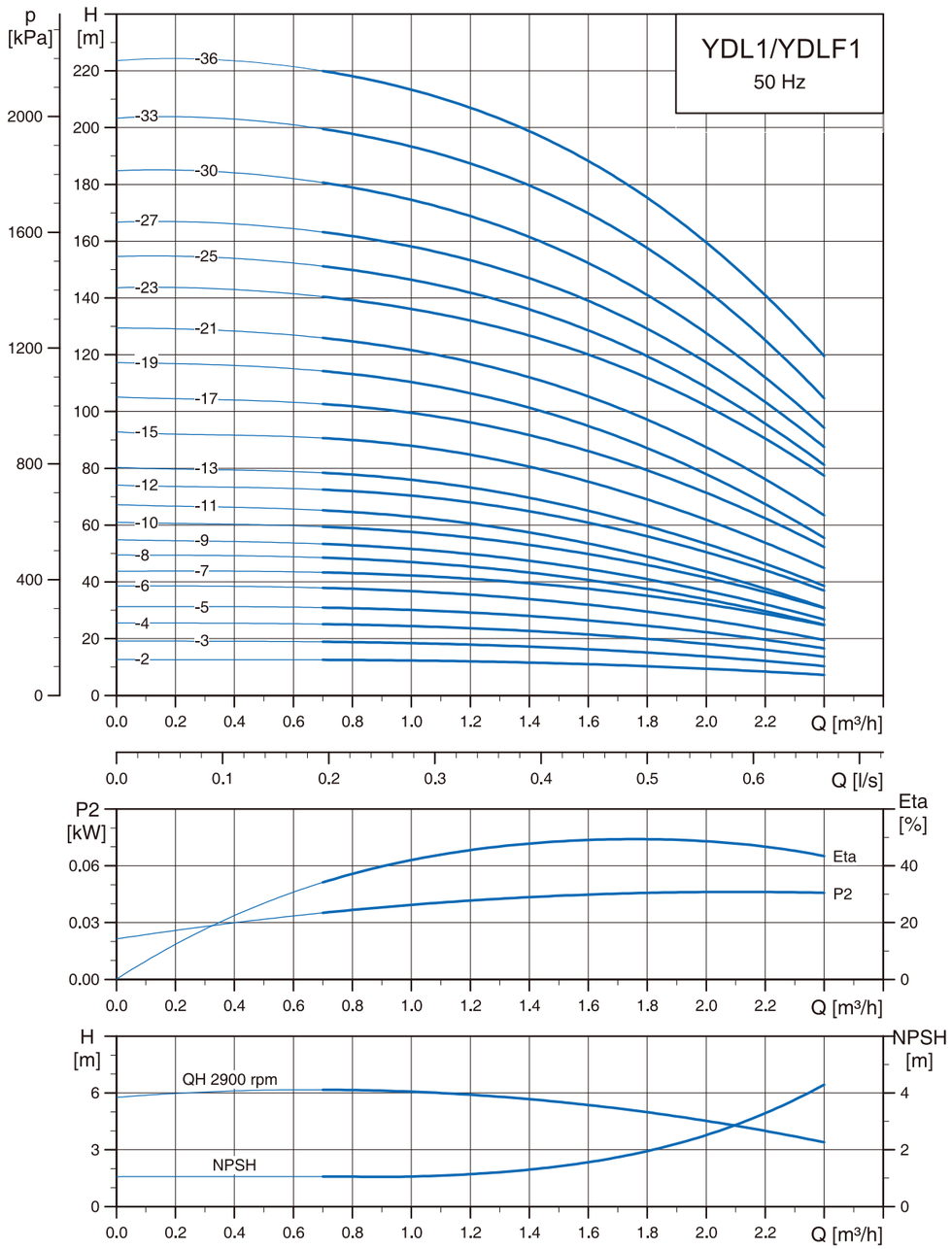
Model	Dimensions (mm)							N.W (kgs)	
	Motor P_2	Oval Flange(developing)		DIN Flange		D1	D2	Oval Flange (developing)	DIN Flange
	kW	B1	B1+B2	B1	B1+B2				
YDL 1s-2	0.37	254	445	279	470	141	109	18	23
YDL 1s-3	0.37	254	445	279	470	141	109	18	23
YDL 1s-4	0.37	272	463	297	488	141	109	19	23
YDL 1s-5	0.37	290	481	315	506	141	109	19	24
YDL 1s-6	0.37	308	499	333	524	141	109	19	24
YDL 1s-7	0.37	326	517	351	542	141	109	20	24
YDL 1s-8	0.37	344	535	369	560	141	109	20	25
YDL 1s-9	0.37	362	553	387	578	141	109	21	25
YDL 1s-10	0.37	380	571	405	596	141	109	21	26
YDL 1s-11	0.37	398	589	423	614	141	109	21	26
YDL 1s-12	0.37	416	607	441	632	141	109	22	26
YDL 1s-13	0.37	434	625	459	650	141	109	22	27
YDL 1s-15	0.55	470	661	495	686	141	109	24	28
YDL 1s-17	0.55	506	697	531	722	141	109	25	29
YDL 1s-19	0.55	542	733	567	758	141	109	25	30
YDL 1s-21	0.75	584	815	609	840	141	109	28	32
YDL 1s-23	0.75	620	851	645	876	141	109	29	33
YDL 1s-25	0.75	656	887	681	912	141	109	29	34
YDL 1s-27	1.10	692	943	717	968	141	109	32	37
YDL 1s-30	1.10	—	—	771	1022	141	109	—	38
YDL 1s-33	1.10	—	—	825	1076	141	109	—	39
YDL 1s-36	1.10	—	—	879	1130	141	109	—	41

YDL/YDLF Series

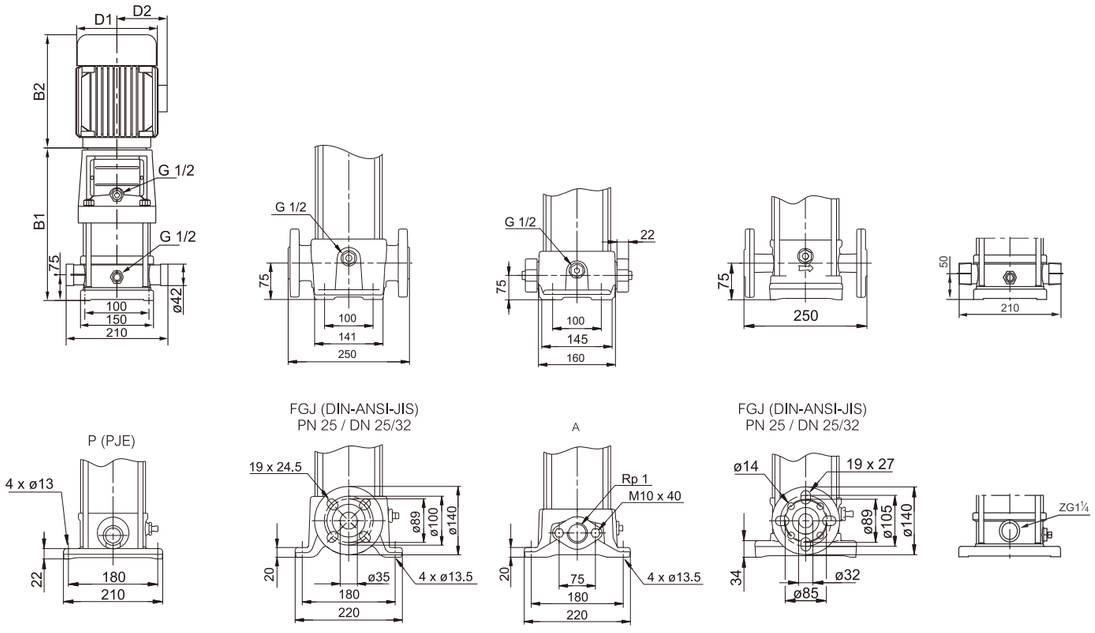
VEVTICAL-MULTI-STAGES PUMP

HYDRAULIC PERFORMANCE CURVES

YDL1/YDLF1



DIMENSION DRAWING



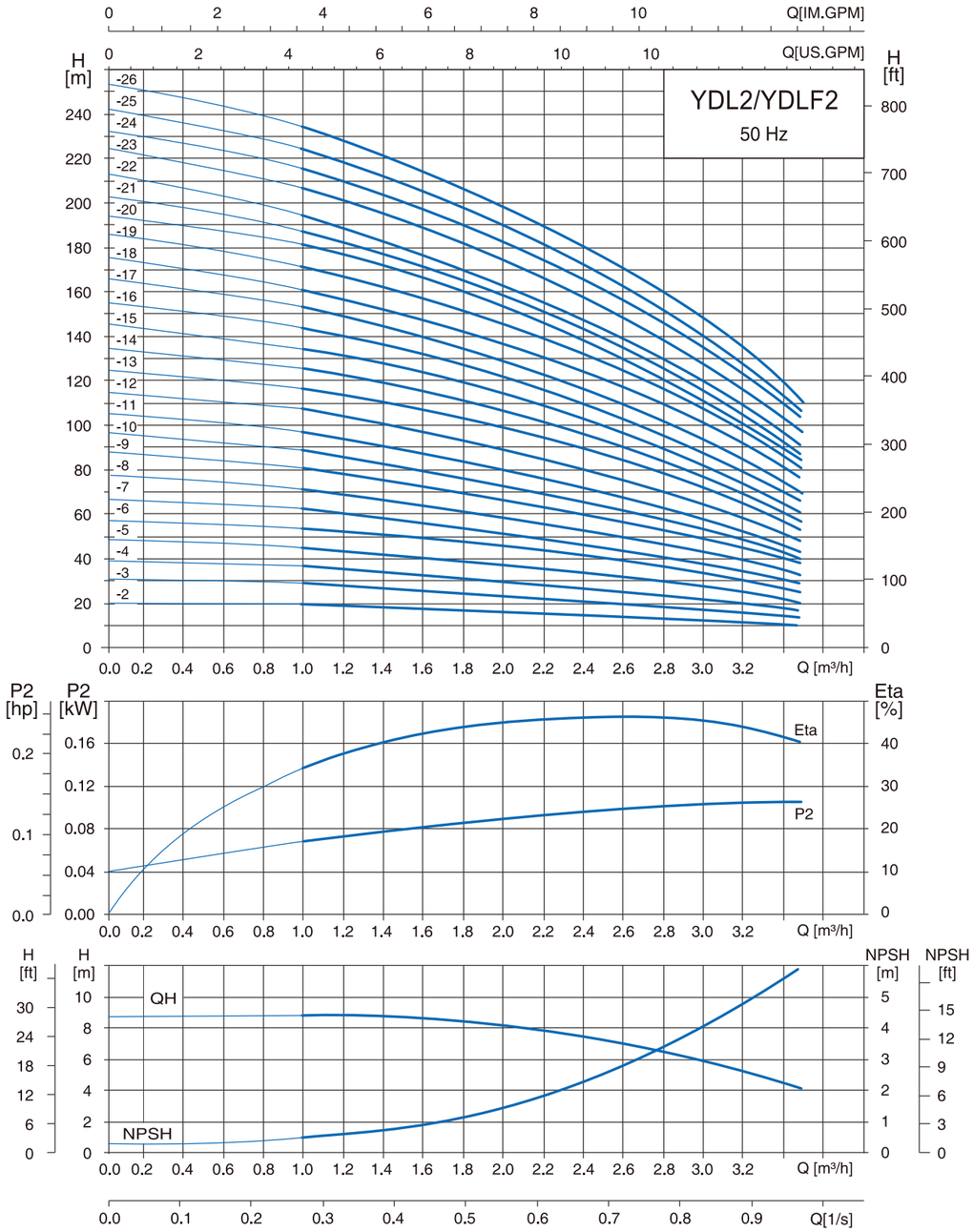
Model	Dimensions (mm)							N.W (kgs)	
	Motor P_2	Oval Flange(developing)		DIN Flange		D1	D2	Oval Flange (developing)	DIN Flange
	kW	B1	B1+B2	B1	B1+B2				
YDL 1-2	0.37	254	445	279	470	141	109	18	23
YDL 1-3	0.37	254	445	279	470	141	109	18	23
YDL 1-4	0.37	272	463	297	488	141	109	19	23
YDL 1-5	0.37	290	481	315	506	141	109	19	24
YDL1-6	0.37	308	499	333	524	141	109	20	24
YDL 1-7	0.37	326	517	351	542	141	109	20	25
YDL 1-8	0.55	344	535	369	560	141	109	21	26
YDL 1-9	0.55	362	553	387	578	141	109	21	26
YDL 1-10	0.55	380	571	405	596	141	109	22	26
YDL 1-11	0.55	398	589	423	614	141	109	22	27
YDL 1-12	0.75	422	653	447	678	141	109	24	29
YDL 1-13	0.75	440	671	465	696	141	109	25	29
YDL1-15	0.75	476	707	501	732	141	109	26	30
YDL 1-17	1.10	512	763	537	788	141	109	29	33
YDL1-19	1.10	548	799	573	824	141	109	30	34
YDL 1-21	1.10	584	835	609	860	141	109	30	35
YDL 1-23	1.10	620	871	645	896	141	109	31	36
YDL1-25	1.50	—	—	697	978	178	110	—	44
YDL 1-27	1.50	—	—	733	1014	178	110	—	44
YDL 1-30	1.50	—	—	787	1068	178	110	—	46
YDL 1-33	2.20	—	—	841	1162	178	110	—	47
YDL 1-36	2.20	—	—	895	1216	178	110	—	49

YDL/YDLF Series

VEVTICAL-MULTI-STAGES PUMP

HYDRAULIC PERFORMANCE CURVES

YDL2/YDLF2



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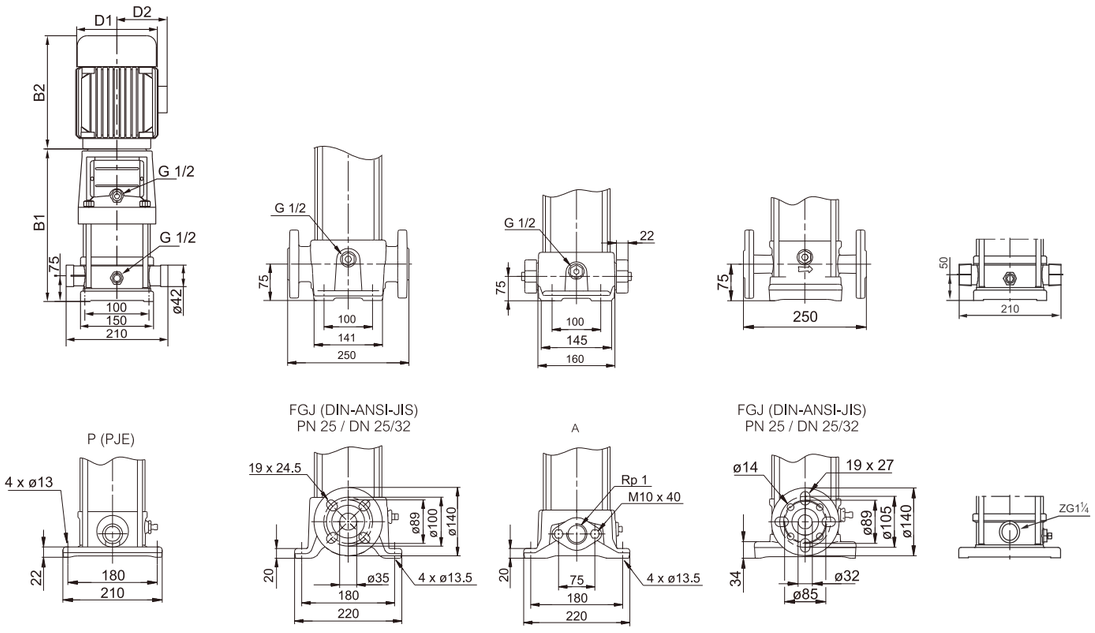


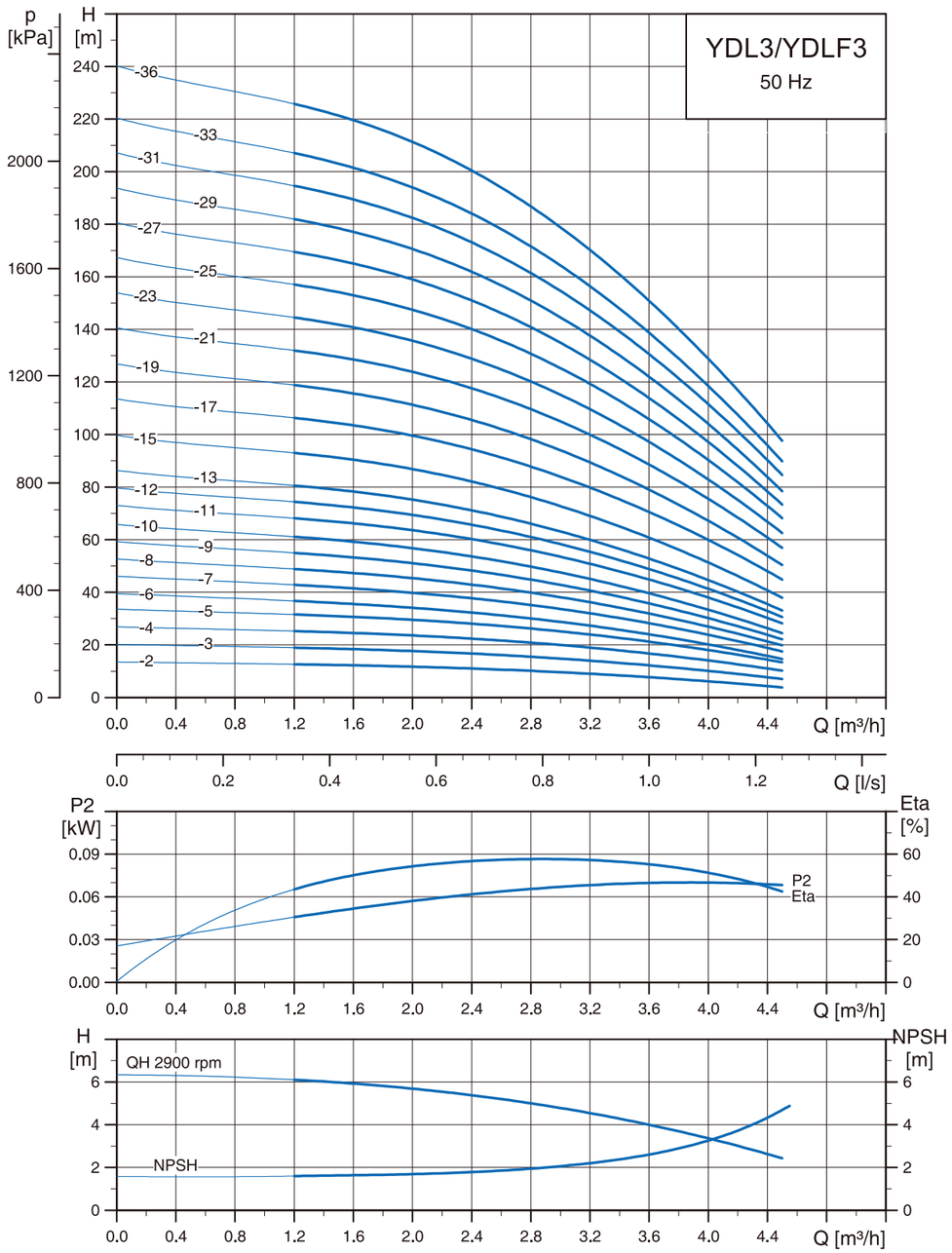
Model	Dimensions (mm)							N.W (kgs)	
	Motor P_2	Oval Flange(developing)		DIN Flange		D1	D2	Oval Flange (developing)	DIN Flange
	kW	B1	B1+B2	B1	B1+B2				
YDL2-2	0.37	—	—	258	483	148	117	—	20
YDL2-3	0.37	—	—	276	501	148	117	—	20
YDL2-4	0.55	—	—	294	519	148	117	—	22
YDL2-5	0.55	—	—	312	537	148	117	—	23
YDL2-6	0.75	—	—	340	585	170	142	—	26
YDL2-7	0.75	—	—	358	603	170	142	—	26
YDL2-9	1.1	—	—	394	639	170	142	—	28
YDL2-11	1.1	—	—	430	675	170	142	—	29
YDL2-13	1.5	—	—	476	766	190	155	—	35
YDL2-15	1.5	—	—	512	802	190	155	—	36
YDL2-18	2.2	—	—	566	856	190	155	—	41
YDL2-22	2.2	—	—	638	928	190	155	—	42
YDL2-26	3.0	—	—	720	1065	197	165	—	52

YDL/YDLF Series

VEVTICAL-MULTI-STAGES PUMP

HYDRAULIC PERFORMANCE CURVES

YDL3/YDLF3



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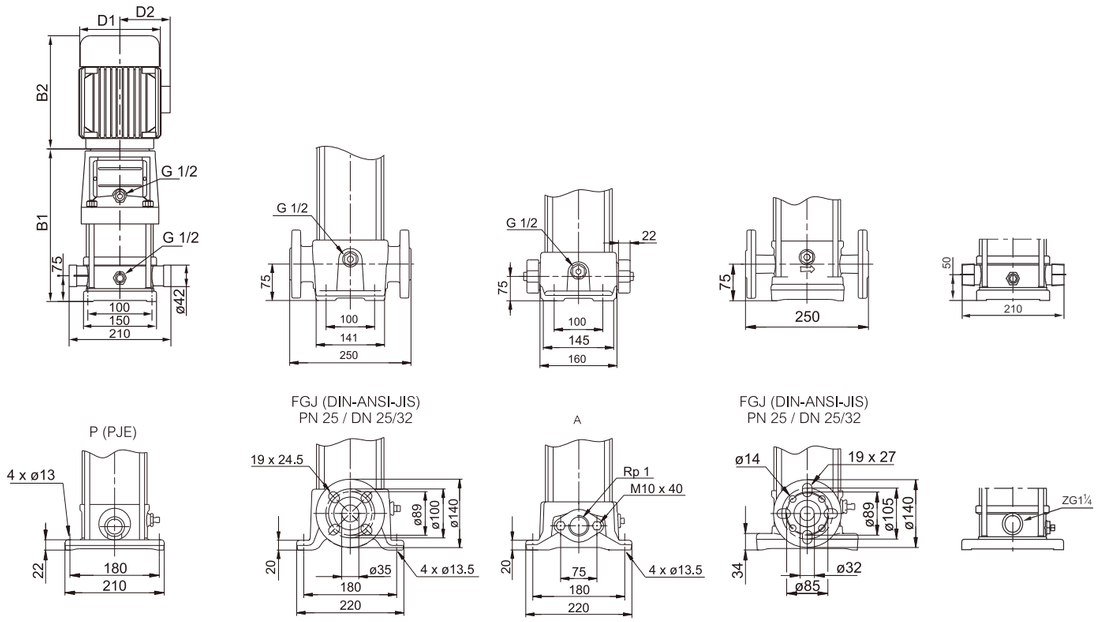


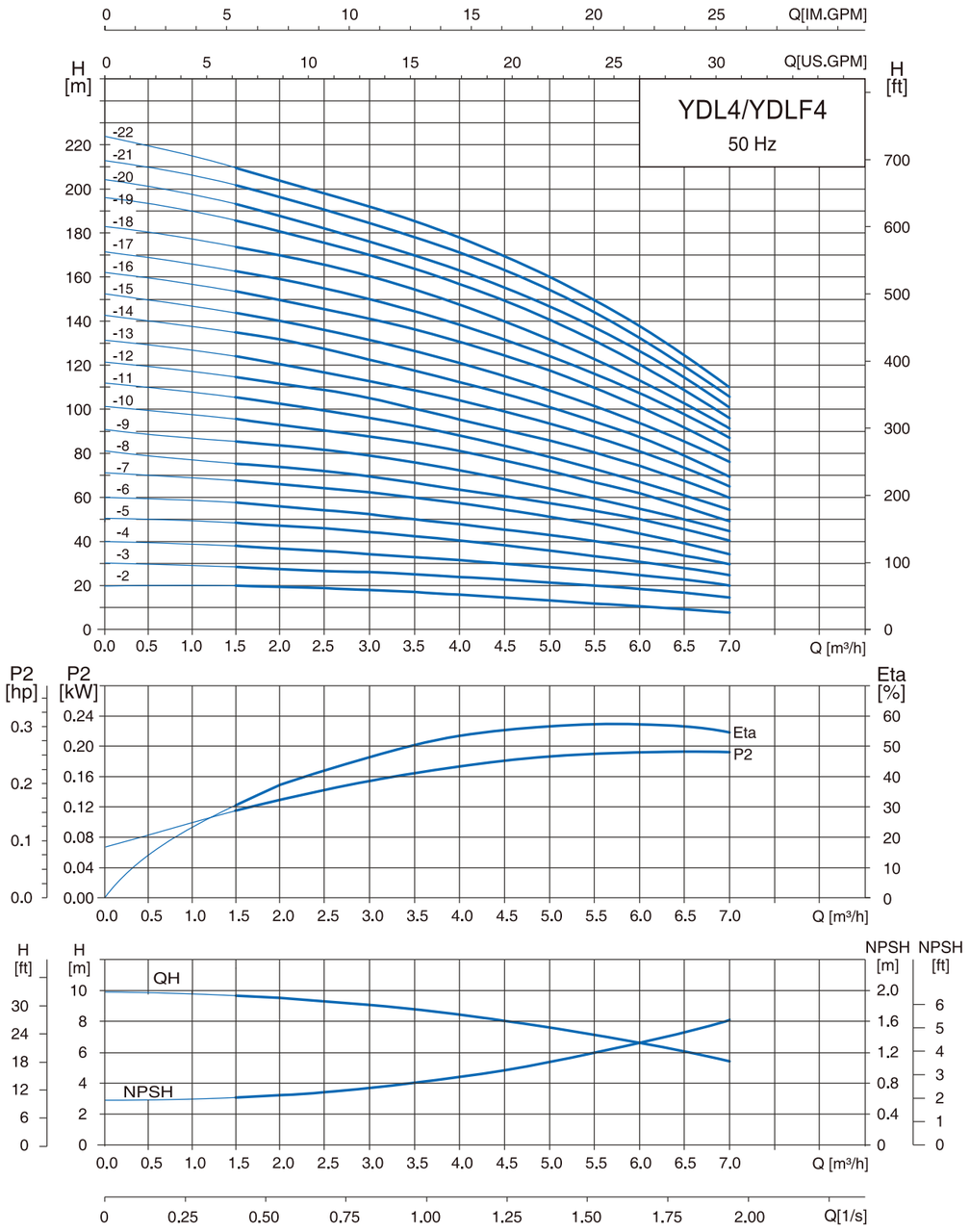
Model	Dimensions (mm)							N.W (kgs)	
	Motor P_2	Oval Flange(developing)		DIN Flange		D1	D2	Oval Flange (developing)	DIN Flange
	kW	B1	B1+B2	B1	B1+B2				
YDL 3-2	0.37	254	445	279	470	141	109	18	23
YDL 3-3	0.37	254	445	279	470	141	109	18	23
YDL 3-4	0.37	272	463	297	488	141	109	19	23
YDL 3-5	0.37	290	481	315	506	141	109	19	24
YDL 3-6	0.55	308	499	333	524	141	109	20	25
YDL 3-7	0.55	326	517	351	542	141	109	21	25
YDL 3-8	0.75	350	581	375	606	141	109	23	27
YDL 3-9	0.75	368	599	393	624	141	109	23	28
YDL 3-10	0.75	386	617	411	642	141	109	24	28
YDL 3-11	1.1	404	655	429	680	141	109	26	31
YDL 3-12	1.1	422	673	447	698	141	109	27	31
YDL 3-13	1.1	440	691	465	716	141	109	27	32
YDL 3-15	1.1	476	727	501	752	141	109	28	32
YDL 3-17	1.5	528	809	553	834	178	110	36	40
YDL 3-19	1.5	564	845	589	870	178	110	37	41
YDL 3-21	2.2	600	921	625	946	178	110	38	42
YDL 3-23	2.2	636	957	661	982	178	110	39	43
YDL 3-25	2.2	—	—	697	1018	178	110	—	44
YDL 3-27	2.2	—	—	733	1054	178	110	—	45
YDL 3-29	2.2	—	—	769	1090	178	110	—	46
YDL 3-31	3	—	—	809	1144	198	120	—	53
YDL 3-33	3	—	—	845	1180	198	120	—	53
YDL 3-36	3	—	—	899	1234	198	120	—	55

YDL/YDLF Series

VEVTICAL-MULTI-STAGES PUMP

HYDRAULIC PERFORMANCE CURVES

YDL4/YDLF4



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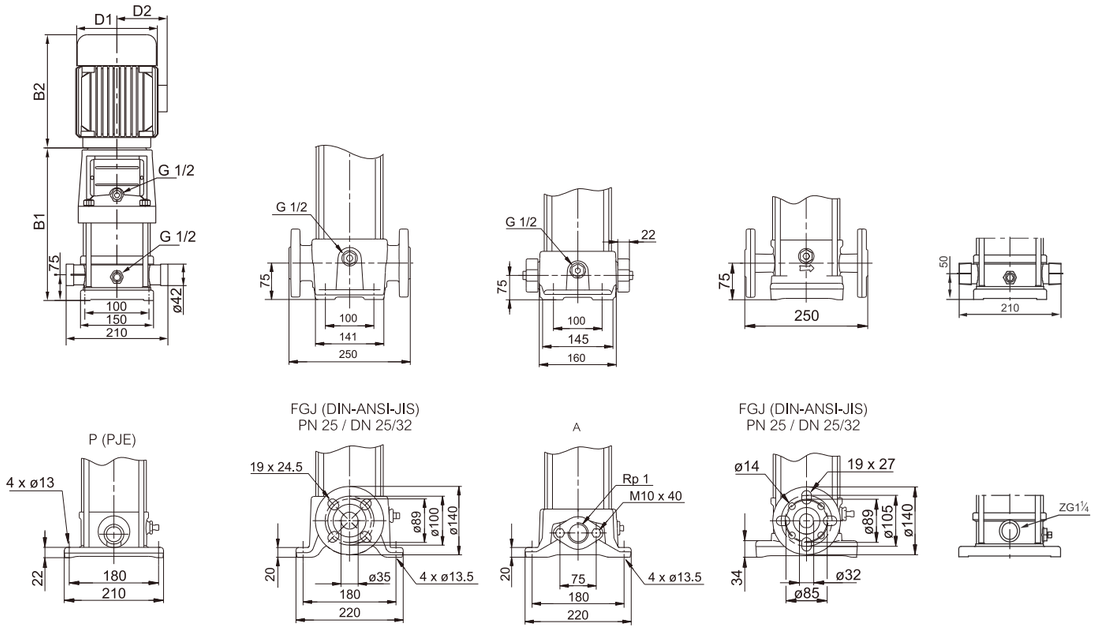


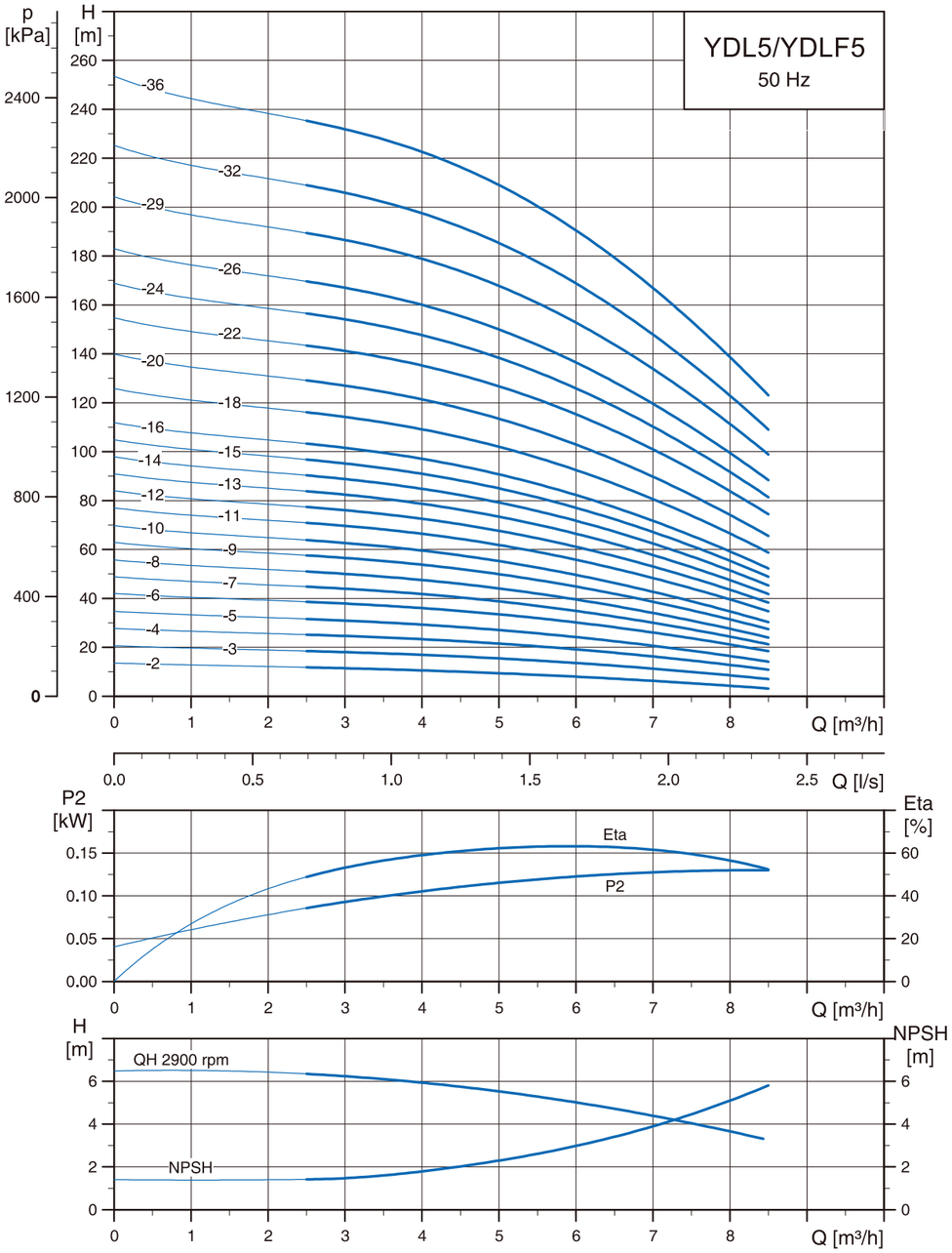
Model	Dimensions (mm)							N.W (kgs)	
	Motor P_2	Oval Flange(developing)		DIN Flange		D1	D2	Oval Flange (developing)	DIN Flange
	kW	B1	B1+B2	B1	B1+B2				
YDL4-2	0.37	—	—	276	501	148	117	—	21
YDL4-3	0.55	—	—	303	528	148	117	—	22
YDL4-4	0.75	—	—	340	585	170	142	—	25
YDL4-5	1.1	—	—	367	612	170	142	—	27
YDL4-6	1.1	—	—	394	639	170	142	—	27
YDL4-7	1.5	—	—	431	721	190	155	—	33
YDL4-8	1.5	—	—	458	748	190	155	—	33
YDL4-10	2 2	—	—	512	802	190	155	—	37
YDL4-12	22	—	—	566	856	190	155	—	38
YDL4-14	3.0	—	—	630	975	197	165	—	46
YDL4-16	3.0	—	—	684	1029	197	165	—	48
YDL4-19	4.0	—	—	765	1120	230	188	—	57
YDL4-22	4.0	—	—	846	1201	230	188	—	59

YDL/YDLF Series

VEVTICAL-MULTI-STAGES PUMP

HYDRAULIC PERFORMANCE CURVES

YDL5/YDLF5



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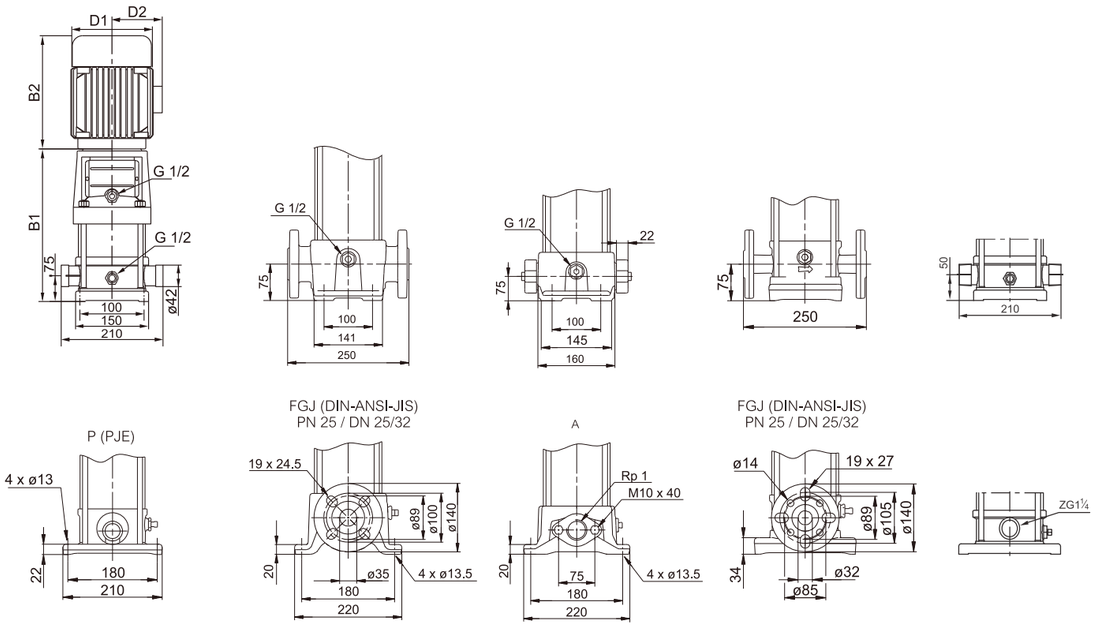


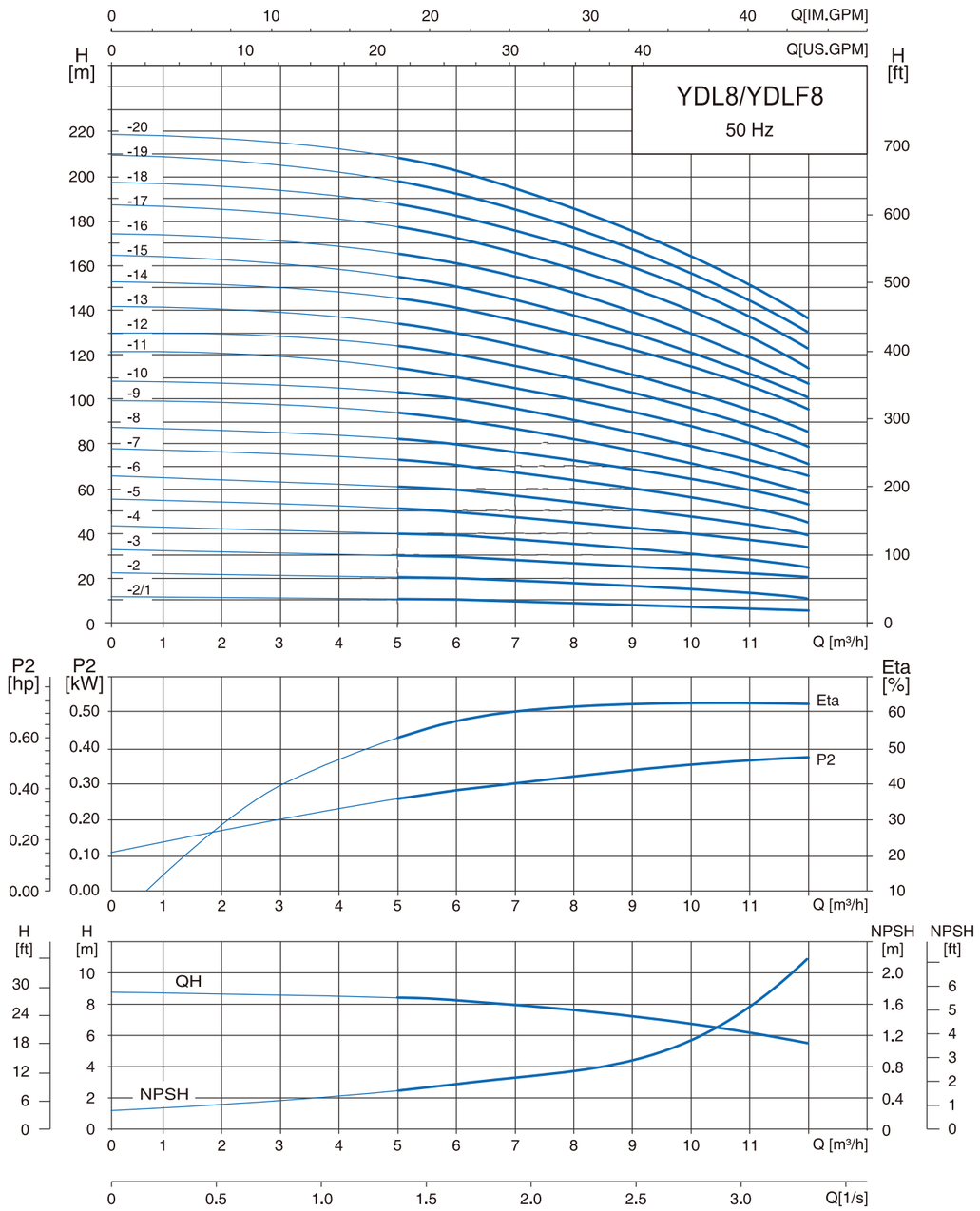
Model	Dimensions (mm)							N.W (kgs)	
	Motor P_2	Oval Flange(developing)		DIN Flange		D1	D2	Oval Flange (developing)	DIN Flange
	kW	B1	B1+B2	B1	B1+B2				
YDL 5-2	0.37	254	445	279	470	141	109	18	23
YDL 5-3	0.55	281	472	306	497	141	109	20	24
YDL 5-4	0.55	308	499	333	524	141	109	20	25
YDL 5-5	0.75	341	572	366	597	141	109	22	27
YDL 5-6	1.10	368	619	393	644	141	109	25	30
YDL 5-7	1.10	395	646	420	671	141	109	26	30
YDL 5-8	1.10	422	673	447	698	141	109	26	31
YDL 5-9	1.50	465	746	490	771	178	110	34	38
YDL 5-10	1.50	492	773	517	798	178	110	34	39
YDL 5-11	2.20	519	840	544	865	178	110	36	40
YDL 5-12	2.20	546	867	571	892	178	110	36	41
YDL 5-13	2.20	573	894	598	919	178	110	37	41
YDL 5-14	2.20	600	921	625	946	178	110	37	42
YDL 5-15	2.20	627	948	652	973	178	110	38	43
YDL 5-16	2.20	654	975	679	1000	178	110	38	43
YDL 5-18	3.00	712	1047	737	1072	198	120	46	50
YDL 5-20	3.00	766	1101	791	1126	198	120	47	52
YDL 5-22	4.00	820	1192	845	1217	220	134	57	62
YDL 5-24	4.00	—	—	899	1271	220	134	—	63
YDL 5-26	4.00	—	—	953	1325	220	134	—	64
YDL 5-29	4.00	—	—	1034	1406	220	134	—	66
YDL 5-32	5.50	—	—	1145	1536	220	134	—	82
YDL 5-36	5.50	—	—	1253	1644	220	134	—	84

YDL/YDLF Series

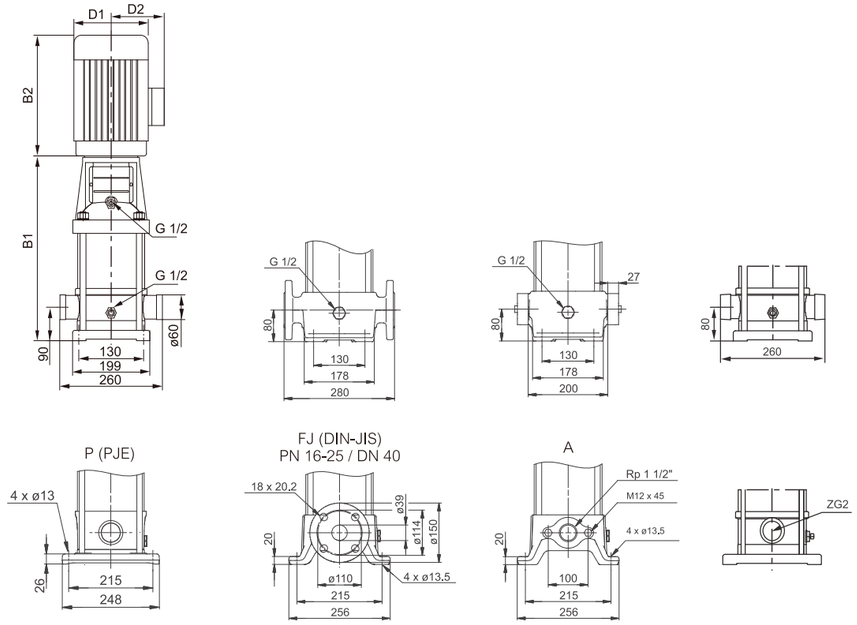
VEVTICAL-MULTI-STAGES PUMP

HYDRAULIC PERFORMANCE CURVES

YDL8/YDLF8



DIMENSION DRAWING



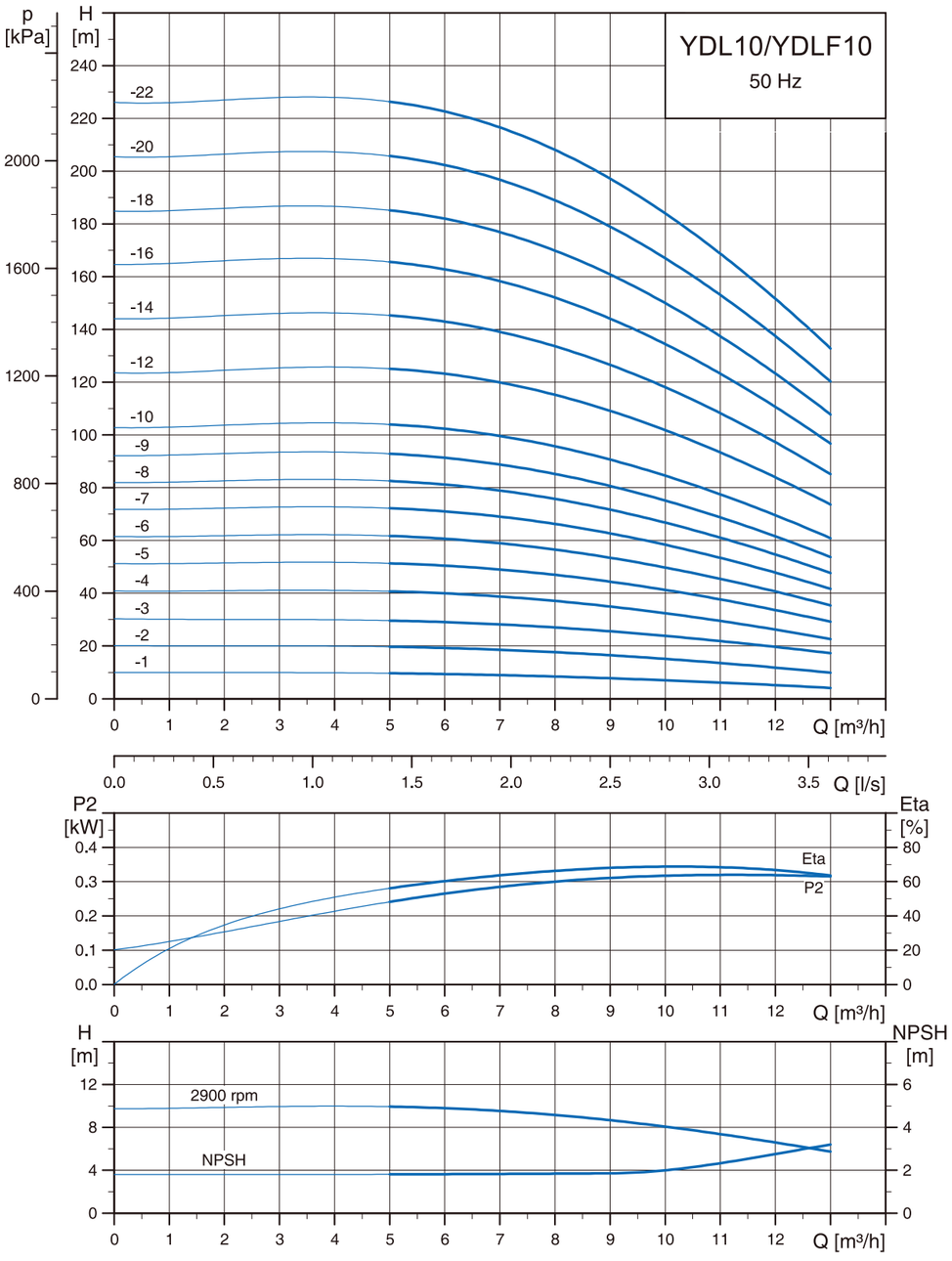
Model	Dimensions (mm)							N.W (kgs)	
	Motor P_2	Oval Flange(developing)		DIN Flange		D1	D2	Oval Flange (developing)	DIN Flange
	kW	B1	B1+B2	B1	B1+B2				
YDL8-2/1	0.75	—	—	347	592	170	142	—	32
YDL8-2	0.75	—	—	347	592	170	142	—	32
YDL8-3	1.1	—	—	377	622	170	142	—	34
YDL8-4	1.5	—	—	417	707	190	155	—	40
YDL8-5	2.2	—	—	447	737	190	155	—	44
YDL8-6	2 2	—	—	477	767	190	155	—	45
YDL8-8	3.0	—	—	547	892	197	165	—	53
YDL8-10	4.0	—	—	607	962	230	188	—	64
YDL8-12	4.0	—	—	667	1022	230	188	—	66
YDL8-14	5.5	—	—	747	1137	260	208	—	81
YDL8-16	5.5	—	—	807	1197	260	208	—	84
YDL8-18	7.5	—	—	867	1257	260	208	—	93
YDL8-20	7.5	—	—	927	1317	260	208	—	94

YDL/YDLF Series

VEVTICAL-MULTI-STAGES PUMP

HYDRAULIC PERFORMANCE CURVES

YDL10/YDLF10



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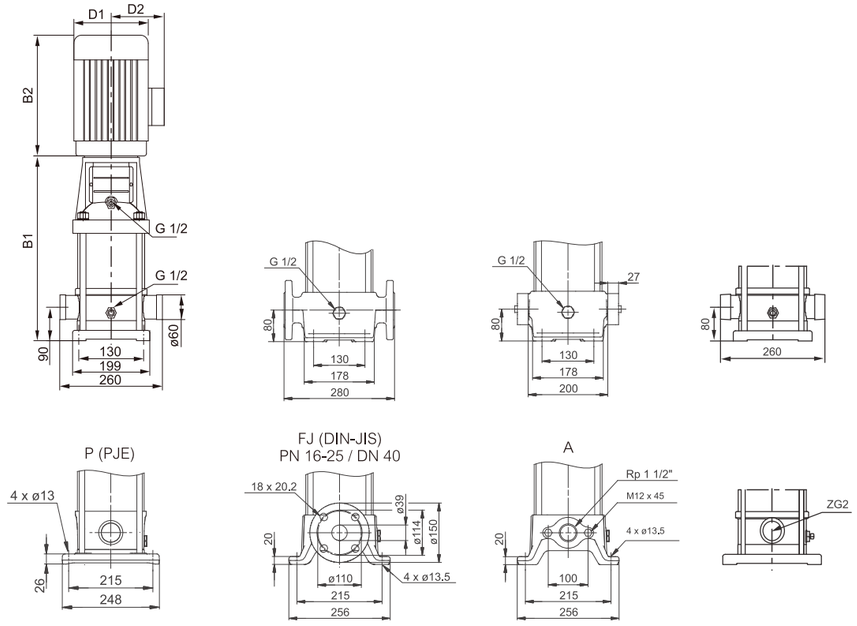


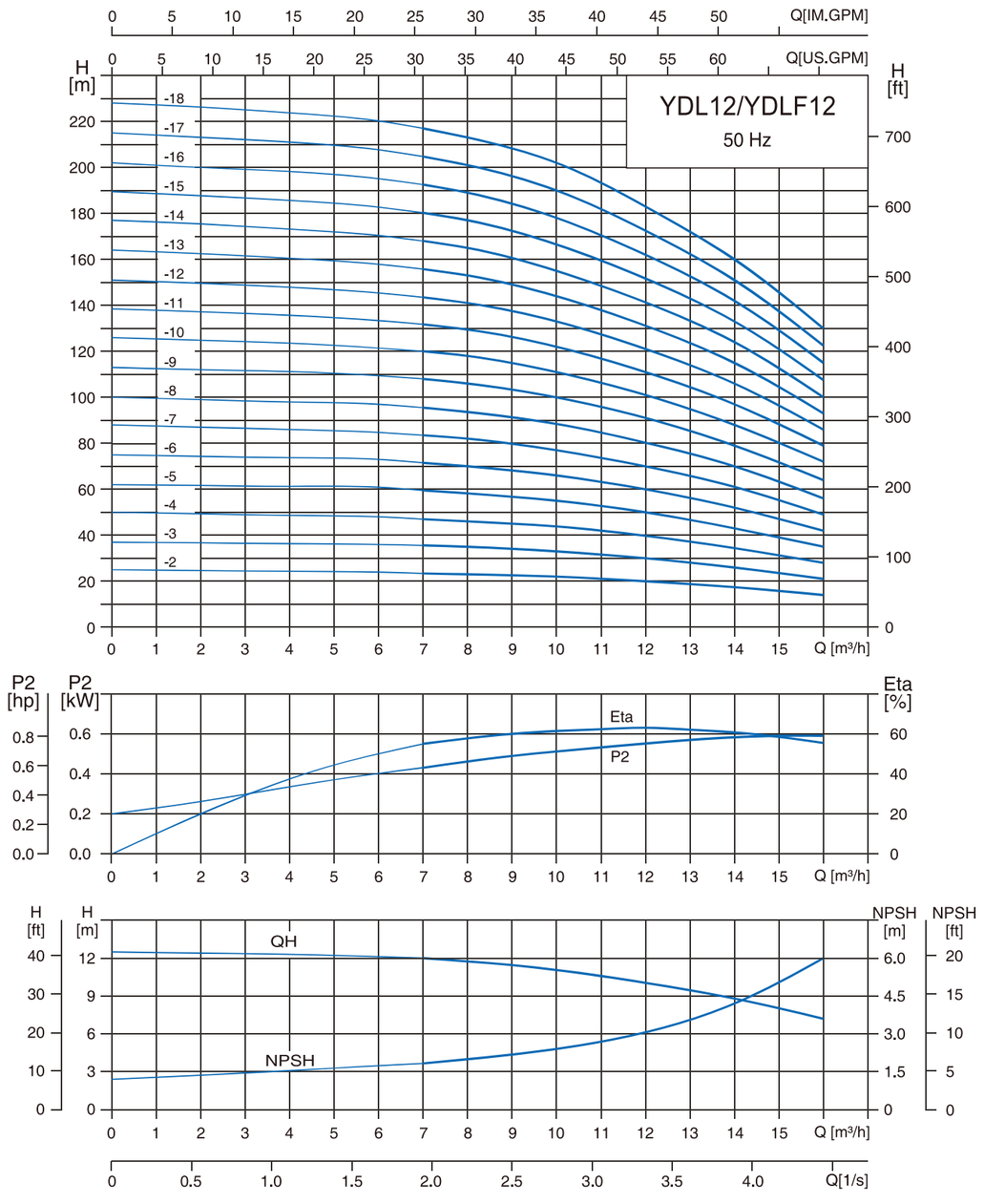
Model	Dimensions (mm)							N.W (kgs)	
	Motor P_2	Oval Flange(developing)		DIN Flange		D1	D2	Oval Flange (developing)	DIN Flange
	kW	B1	B1+B2	B1	B1+B2				
YDL10-1	0.37	343	534	343	534	141	109	31	34
YDL 10-2	0.75	347	578	347	578	141	109	34	36
YDL 10-3	1.10	377	628	377	628	141	109	37	39
YDL 10-4	1.50	423	704	423	704	178	110	45	47
YDL 10-5	2.20	453	774	453	774	178	110	46	49
YDL 10-6	2.20	483	804	483	804	178	110	47	50
YDL 10-7	3.00	518	853	518	853	198	120	54	57
YDL 10-8	3.00	548	883	548	883	198	120	55	58
YDL 10-9	3.00	578	913	578	913	198	120	56	59
YDL 10-10	4.00	608	980	608	980	220	134	66	69
YDL 10-12	4.00	668	1040	668	1040	220	134	69	71
YDL 10-14	5.50	760	1151	760	1151	220	134	91	94
YDL 10-16	5.50	820	1211	820	1211	220	134	93	96
YDL 10-18	7.50	—	—	880	1259	260	159	—	109
YDL 10-20	7.50	—	—	940	1319	260	159	—	112
YDL 10-22	7.50	—	—	1000	1379	260	159	—	114

YDL/YDLF Series

VEVTICAL-MULTI-STAGES PUMP

HYDRAULIC PERFORMANCE CURVES

YDL12/YDLF12



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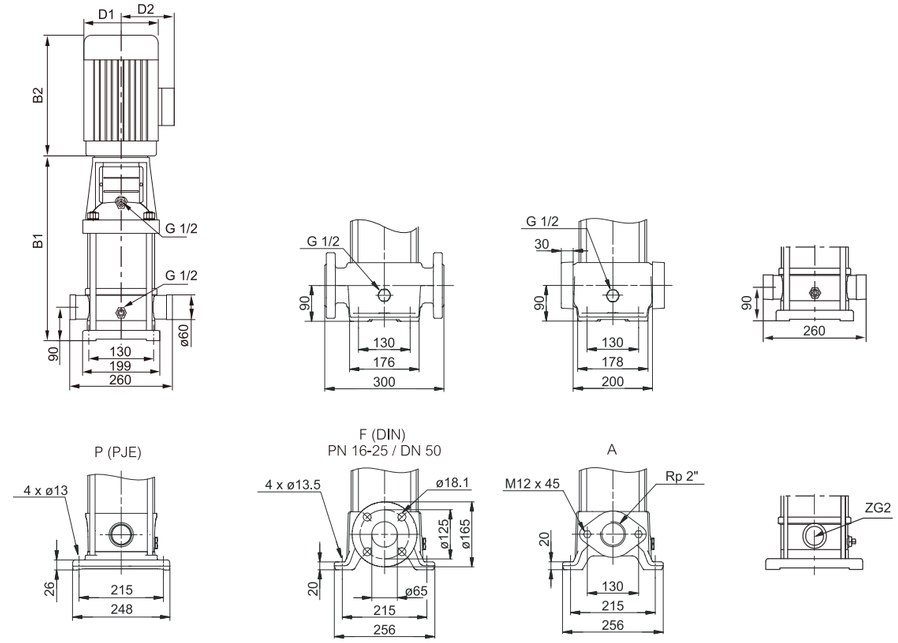


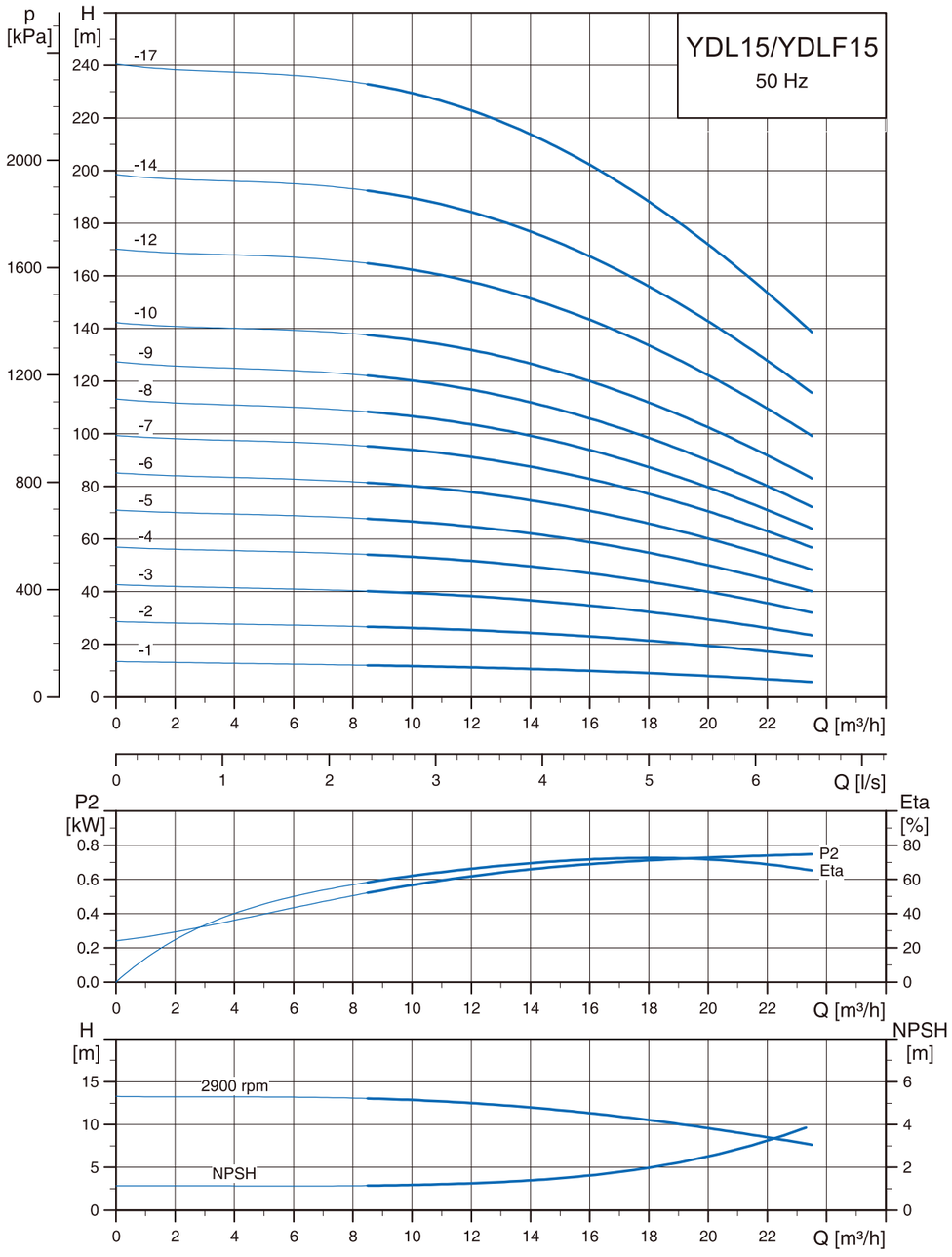
Model	Dimensions (mm)							N.W (kgs)	
	Motor P_2	Oval Flange(developing)		DIN Flange		D1	D2	Oval Flange (developing)	DIN Flange
	kW	B1	B1+B2	B1	B1+B2				
YDL12-2	1.5	—	—	367	657	190	155	—	39
YDL12-3	2.2	—	—	397	687	190	155	—	43
YDL12-4	3	—	—	437	782	197	165	—	51
YDL12-5	3	—	—	467	812	197	165	—	53
YDL12-6	4	—	—	497	852	230	188	—	61
YDL12-7	5.5	—	—	547	937	260	208	—	73
YDL12-8	5.5	—	—	577	967	260	208	—	74
YDL12-9	5.5	—	—	607	997	260	208	—	76
YDL12-10	7.5	—	—	637	1027	260	208	—	83
YDL12-12	7.5	—	—	697	1087	260	208	—	87
YDL12-14	11	—	—	845	1345	330	255	—	157
YDL12-16	11	—	—	905	1405	330	255	—	161
YDL12-18	11	—	—	965	1465	330	255	—	164

YDL/YDLF Series

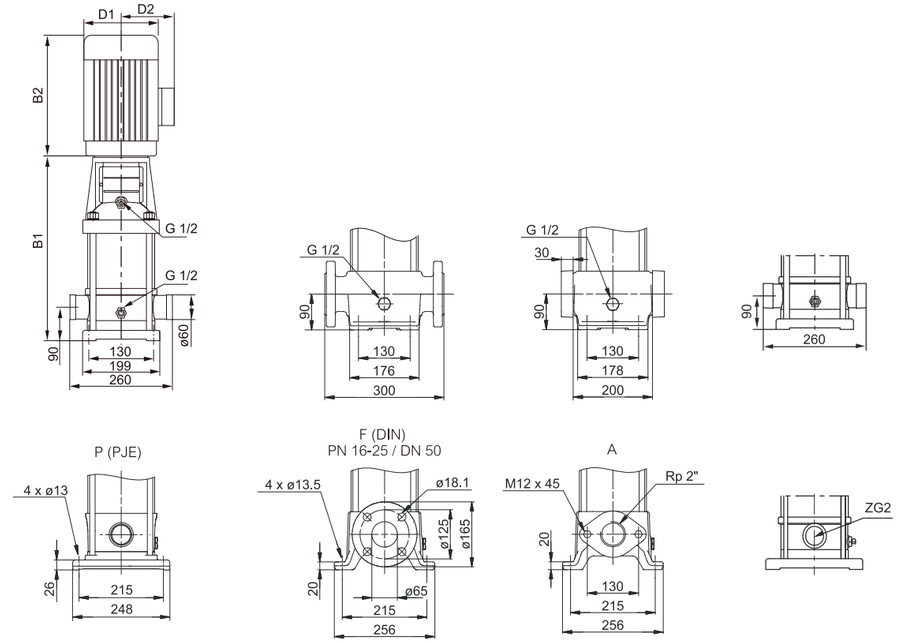
VEVTICAL-MULTI-STAGES PUMP

HYDRAULIC PERFORMANCE CURVES

YDL15/YDLF15



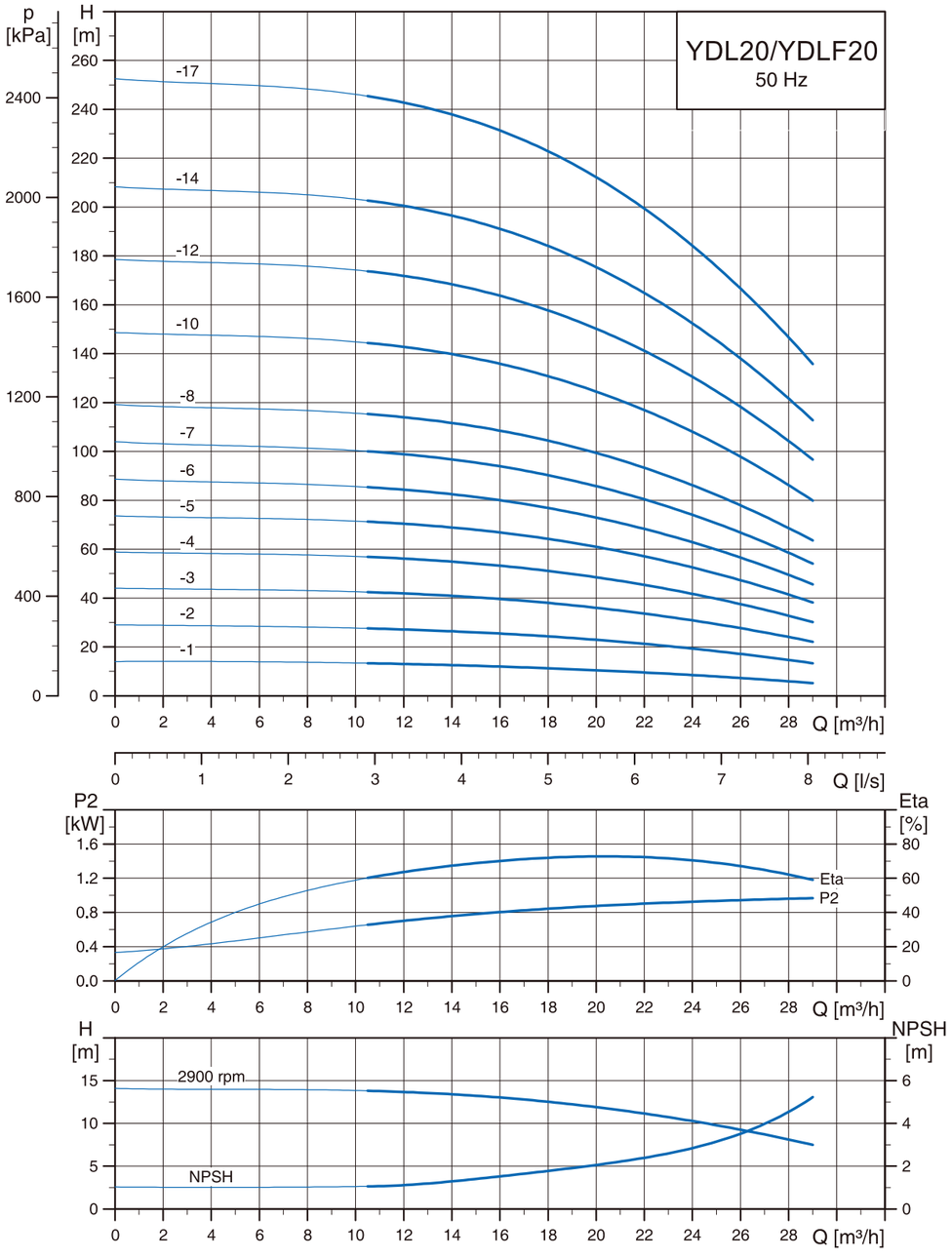
DIMENSION DRAWING



Model	Dimensions (mm)							N.W (kgs)	
	Motor P_2	Oval Flange(developing)		DIN Flange		D1	D2	Oval Flange (developing)	DIN Flange
	kW	B1	B1+B2	B1	B1+B2				
YDL 15-1	1.1	400	651	400	651	141	109	41	42
YDL 15-2	2.2	415	736	415	736	178	110	49	50
YDL 15-3	3	465	800	465	800	198	120	56	57
YDL 15-4	4	510	882	510	882	220	134	67	68
YDL 15-5	4	555	927	555	927	220	134	68	69
YDL 15-6	5.5	632	1023	632	1023	220	134	90	91
YDL 15-7	5.5	677	1068	677	1068	220	134	92	93
YDL 15-8	7.5	—	—	722	1101	260	159	—	105
YDL 15-9	7.5	—	—	767	1146	260	159	—	107
YDL 15-10	11	—	—	889	1360	314	204	—	149
YDL 15-12	11	—	—	979	1450	314	204	—	153
YDL 15-14	11	—	—	1069	1540	314	204	—	157
YDL 15-17	15	—	—	1204	1675	314	204	—	175

HYDRAULIC PERFORMANCE CURVES

YDL20/YDLF20



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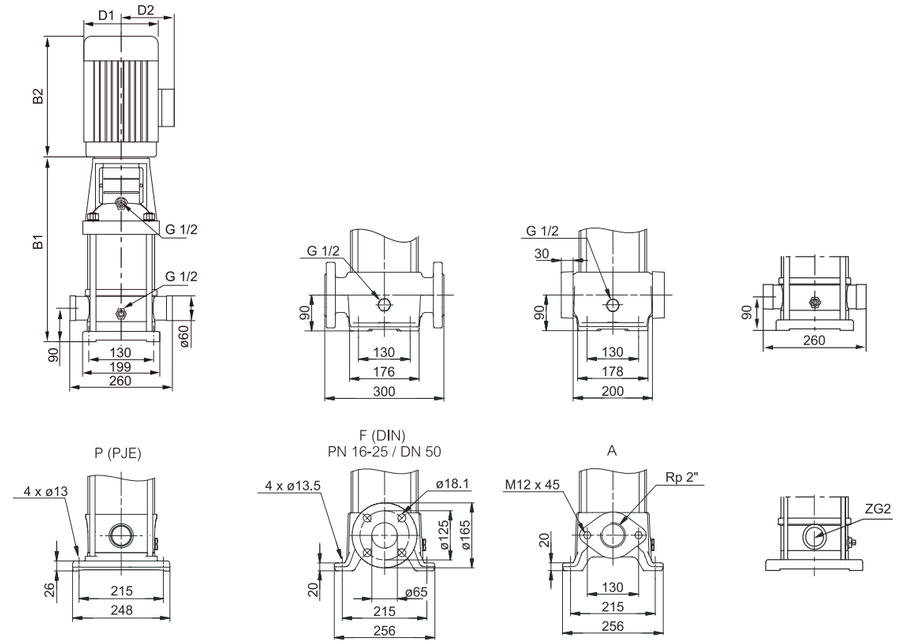


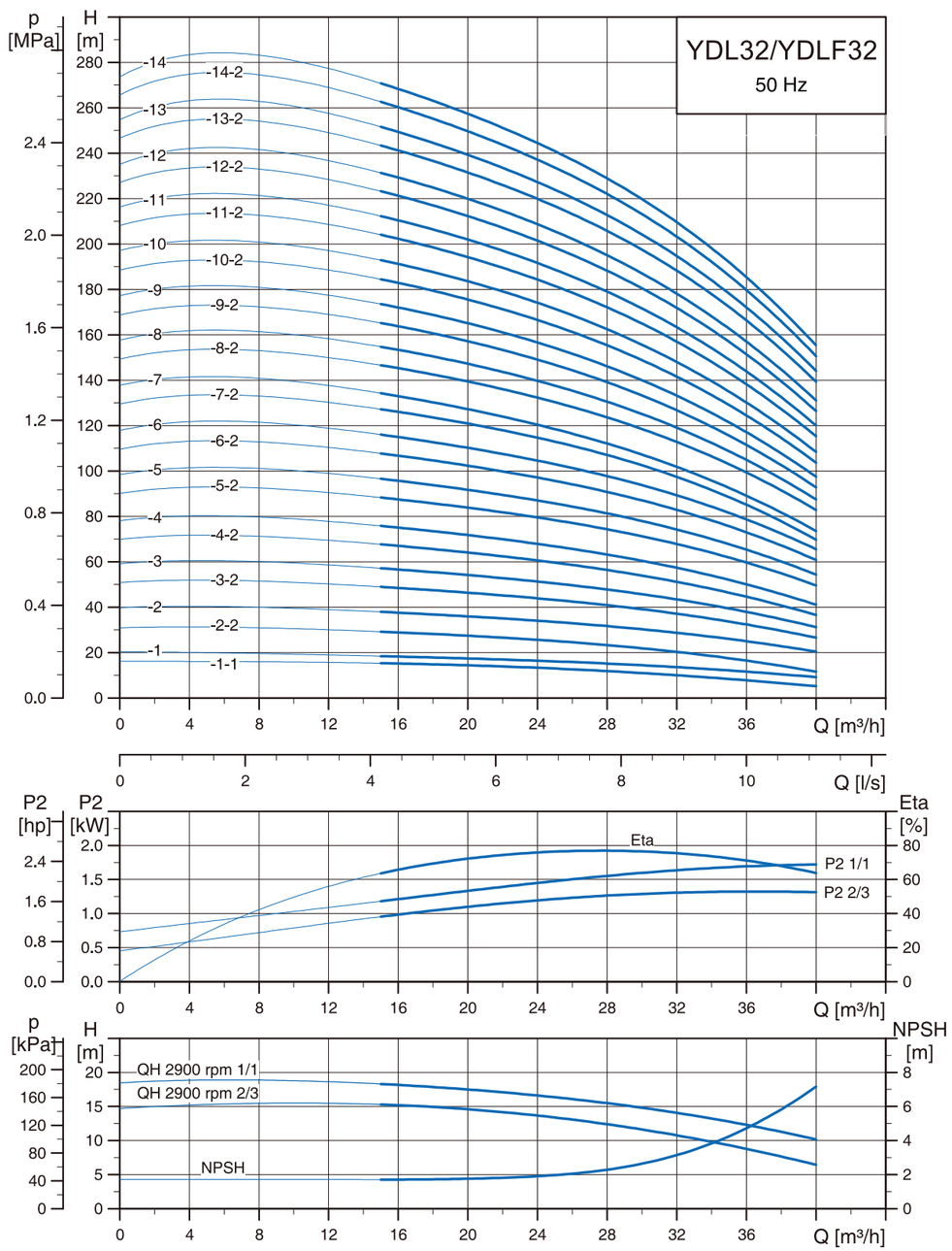
Model	Dimensions (mm)							N.W (kgs)	
	Motor P_2	Oval Flange(developing)		DIN Flange		D1	D2	Oval Flange (developing)	DIN Flange
	kW	B1	B1+B2	B1	B1+B2				
YDL 20-1	1.10	400	651	400	651	141	109	41	42
YDL 20-2	2.20	415	736	415	736	178	110	49	50
YDL 20-3	4.00	465	837	465	837	220	134	65	66
YDL 20-4	5.50	542	933	542	933	220	134	87	88
YDL 20-5	5.50	587	978	587	978	220	134	89	90
YDL 20-6	7.50	632	1011	632	1011	260	159	101	102
YDL 20-7	7.50	677	1056	677	1056	260	159	103	103
YDL 20-8	11.00	—	—	799	1270	314	204	—	146
YDL 20-10	11.00	—	—	889	1360	314	204	—	149
YDL 20-12	15.00	—	—	979	1450	314	204	—	166
YDL 20-14	15.00	—	—	1069	1540	314	204	—	170
YDL 20-17	18.50	—	—	1204	1719	314	204	—	188

YDL/YDLF Series

VEVTICAL-MULTI-STAGES PUMP

HYDRAULIC PERFORMANCE CURVES

YDL32/YDLF32



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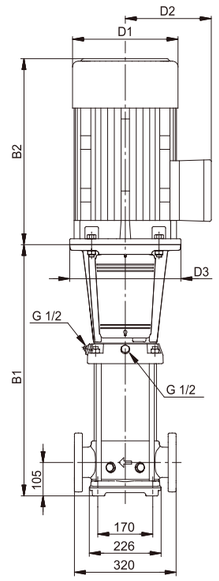
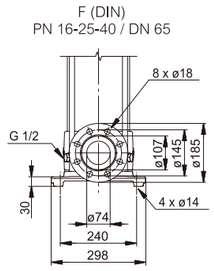




Model	Dimensions (mm)					
	Motor P_2 kW	B1	B1+B2	D1	D2	N.W kgs
YDL 32-1-1	1.50	505	786	178	110	64
YDL 32-1	2.20	505	826	178	110	64
YDL 32-2-2	3.00	575	910	198	120	73
YDL 32-2	4.00	575	947	220	134	82
YDL 32-3-2	5.50	645	1036	220	134	96
YDL 32-3	5.50	645	1036	220	134	96
YDL 32-4-2	7.50	715	1094	260	159	110
YDL 32-4	7.50	715	1094	260	159	111
YDL 32-5-2	11.00	895	1366	314	204	158
YDL 32-5	11.00	895	1366	314	204	158
YDL 32-6-2	11.00	965	1436	314	204	161
YDL 32-6	11.00	965	1436	314	204	161
YDL 32-7-2	15.00	1035	1506	314	204	177
YDL 32-7	15.00	1035	1506	314	204	177

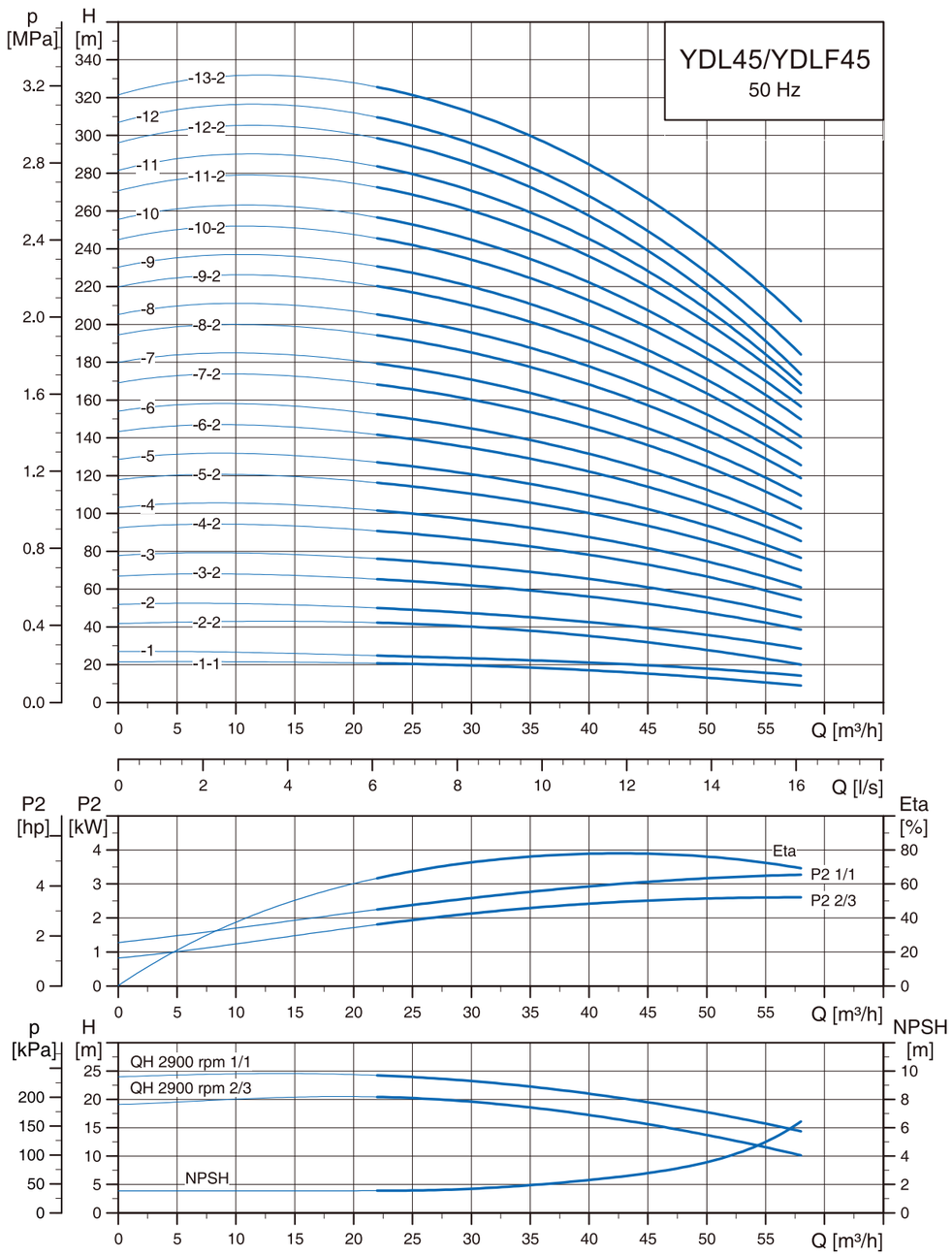
Model	Dimensions (mm)					
	Motor P_2 kW	B1	B1+B2	D1	D2	N.W kgs
YDL 32-8-2	15.00	1105	1576	314	204	183
YDL 32-8	15.00	1105	1576	314	204	183
YDL 32-9-2	18.50	1175	1690	314	204	200
YDL 32-9	18.50	1175	1690	314	204	200
YDL 32-10-2	18.50	1245	1760	314	204	203
YDL 32-10	18.50	1245	1760	314	204	203
YDL 32-11-2	22.00	1315	1856	314	204	220
YDL 32-11	22.00	1315	1856	314	204	220
YDL 32-12-2	22.00	1385	1926	314	204	224
YDL 32-12	22.00	1385	1926	314	204	224
YDL 32-13-2	30.00	1455	2066	396	315	344
YDL 32-13	30.00	1455	2066	396	315	344
YDL 32-14-2	30.00	1525	2136	396	315	347
YDL 32-14	30.00	1525	2136	396	315	347

YDL/YDLF Series

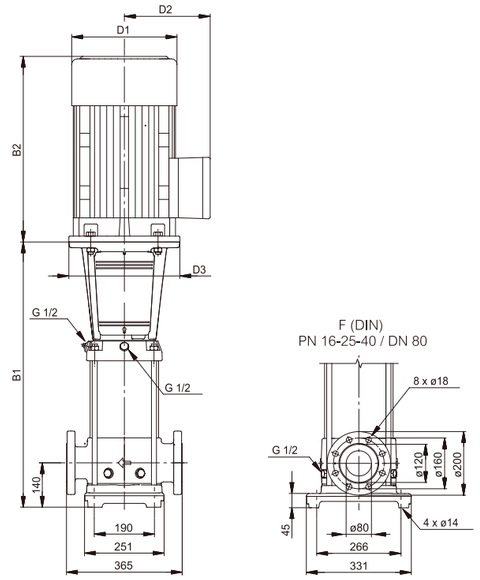
VEVTICAL-MULTI-STAGES PUMP

HYDRAULIC PERFORMANCE CURVES

YDL45/YDLF45



DIMENSION DRAWING



Model	Dimensions (mm)					
	Motor P_2 kW	B1	B1+B2	D1	D2	N.W kgs
YDL 45-1-1	3.00	559	894	198	120	80
YDL 45-1	4.00	559	931	220	134	89
YDL 45-2-2	5.50	639	1030	220	134	104
YDL 45-2	7.50	639	1018	260	159	114
YDL 45-3-2	11.00	829	1300	314	204	163
YDL 45-3	11.00	829	1300	314	204	163
YDL 45-4-2	15.00	909	1380	314	204	180
YDL 45-4	15.00	909	1380	314	204	180
YDL 45-5-2	18.50	989	1504	314	204	197
YDL 45-5	18.50	989	1504	314	204	197
YDL 45-6-2	22.00	1069	1610	314	204	217
YDL 45-6	22.00	1069	1610	314	204	217
YDL 45-7-2	30.00	1149	1760	396	315	339

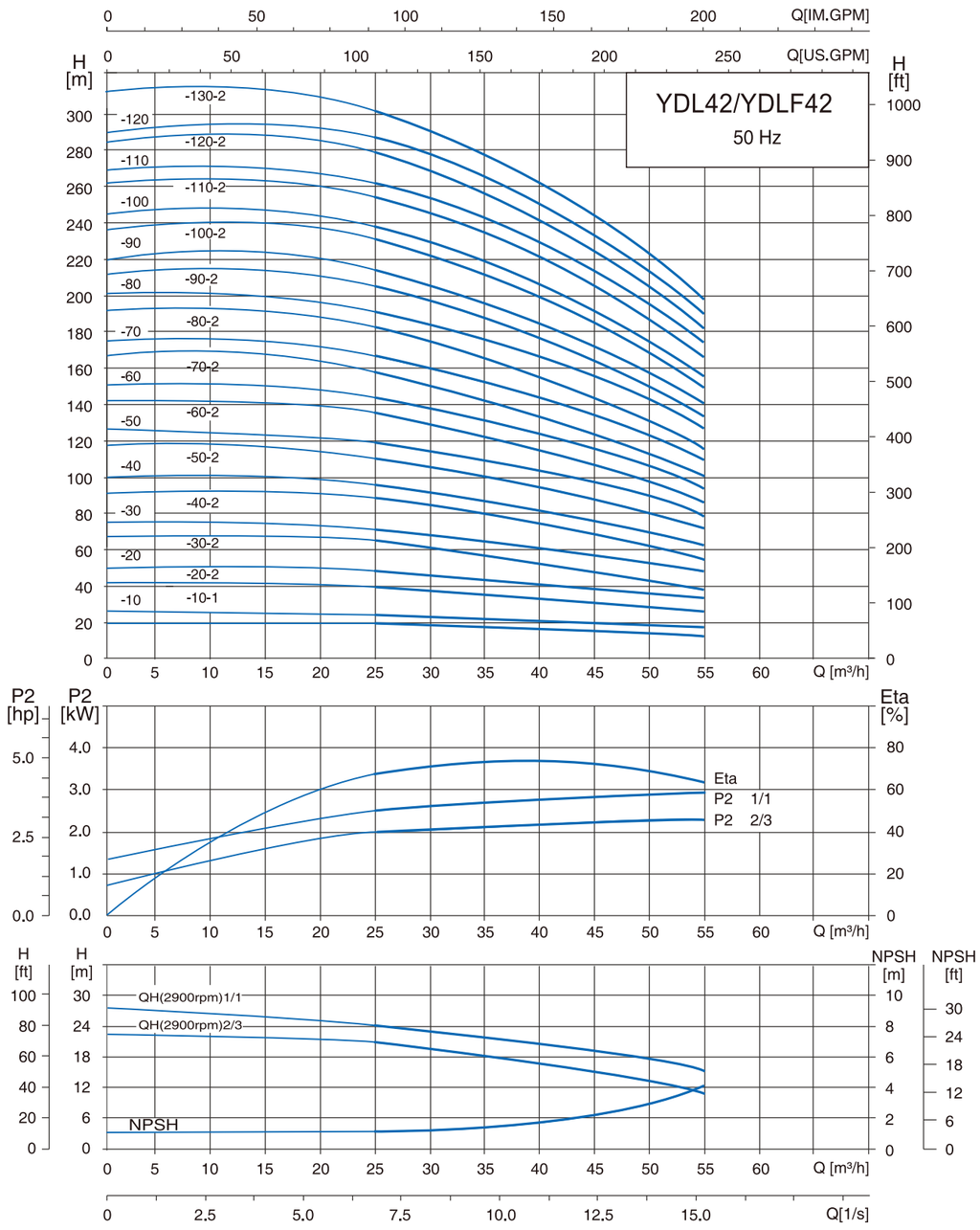
Model	Dimensions (mm)					
	Motor P_2 kW	B1	B1+B2	D1	D2	N.W kgs
YDL 45-7	30.00	1149	1760	396	315	339
YDL 45-8-2	30.00	1229	1840	396	315	343
YDL 45-8	30.00	1229	1840	396	315	343
YDL 45-9-2	30.00	1309	1920	396	315	347
YDL 45-9	37.00	1309	1945	396	315	362
YDL 45-10-2	37.00	1389	2025	396	315	367
YDL 45-10	37.00	1389	2025	396	315	367
YDL 45-11-2	45.00	1469	2177	439	338	455
YDL 45-11	45.00	1469	2177	439	338	455
YDL 45-12-2	45.00	1549	2257	439	338	460
YDL 45-12	45.00	1549	2257	439	338	460
YDL 45-13-2	45.00	1629	2337	439	338	464

YDL/YDLF Series

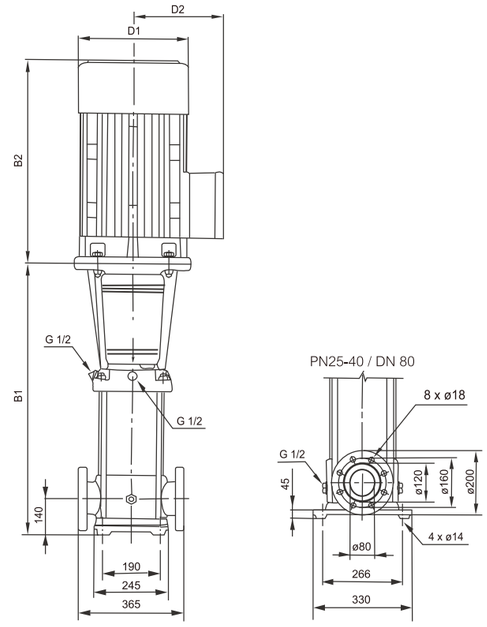
VEVTICAL-MULTI-STAGES PUMP

HYDRAULIC PERFORMANCE CURVES

YDL42/YDLF42



DIMENSION DRAWING



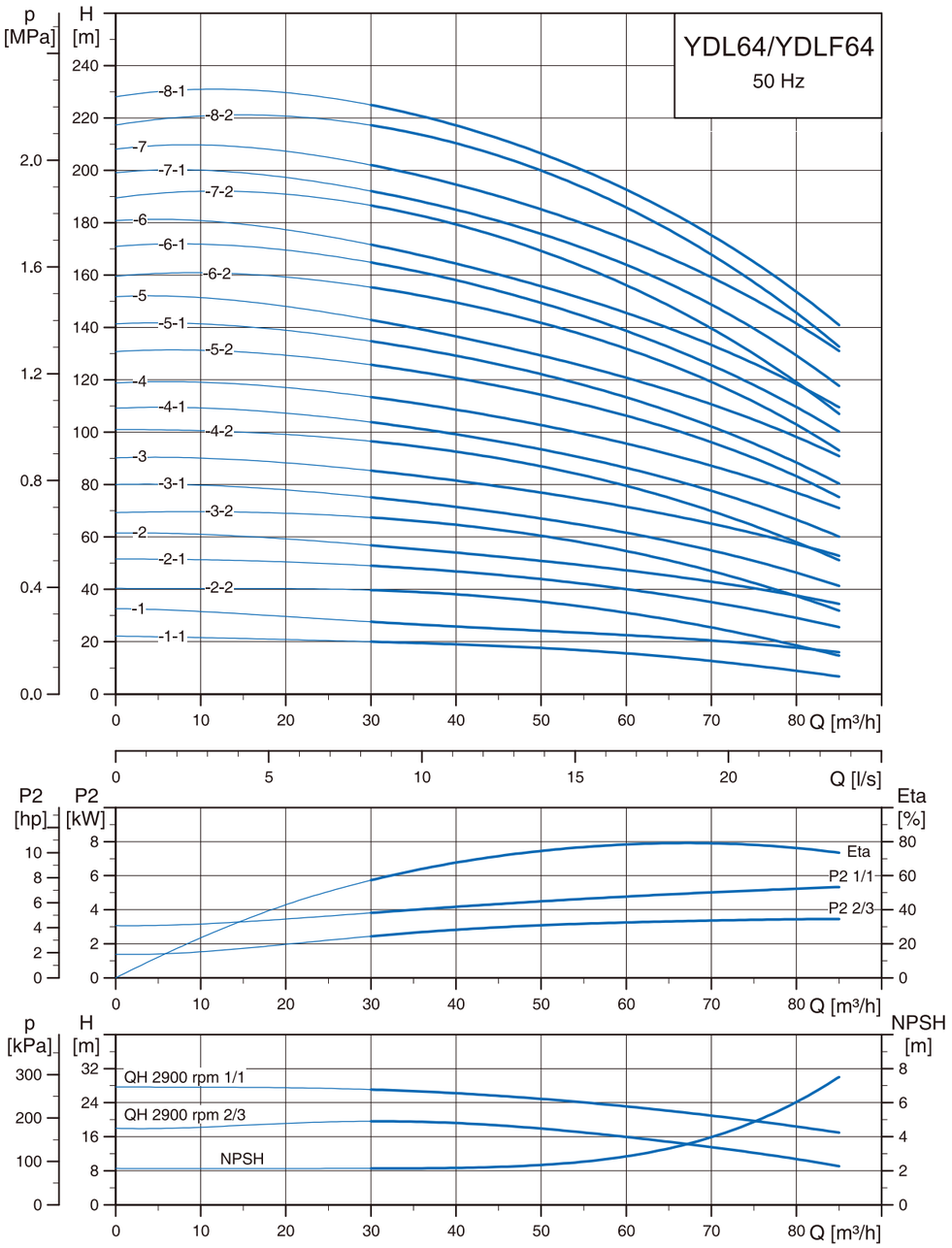
Model	Dimensions					
	Motor P_2	B1	B1+B2	D1	D2	N.W
	kW	mm	mm			kgs
YDL42-10-1	3.0	561	906/916	197/230	165/188	83/90
YDL42-10	4.0					
YDL42-20-2	5.5	641	1031	260	208	105/110
YDL42-20	7.5					
YDL42-30-2	11	826	1326	330	255	183
YDL42-30	11					
YDL42-40-2	15	906	1406	330	255	197
YDL42-40	15					
YDL42-50-2	18.5	986	1536	330	255	221
YDL42-50	18.5					
YDL42-60-2	22	1066	1641	360	285	261
YDL42-60	22					
YDL42-70-2	30	1146	1796	400	310	320
YDL42-70	30					
YDL42-80-2	30	1226	1876	400	310	324
YDL42-80	30					
YDL42-90-2	30	1306	1956	400	310	328/352
YDL42-90	37					
YDL42-100-2	37	1386	2036	400	310	355
YDL42-100	37					
YDL42-110-2	45	1466	2151	450	345	426
YDL42-110	45					
YDL42-120-2	45	1546	2231	450	345	432
YDL42-120	45					
YDL42-130-2	45	1626	2311	450	345	438

YDL/YDLF Series

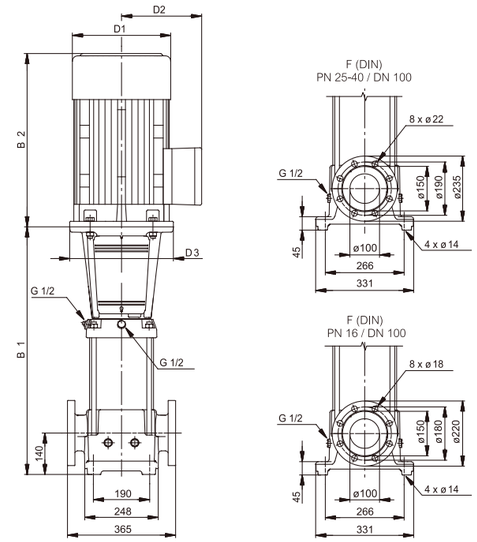
VEVTICAL-MULTI-STAGES PUMP

HYDRAULIC PERFORMANCE CURVES

YDL64/YDLF64



DIMENSION DRAWING



Model	Dimensions (mm)					
	Motor P_2	B1	B1+B2	D1	D2	N.W
	kW					kgs
YDL 64-1-1	4.00	561	933	220	134	91
YDL 64-1	5.50	561	952	220	134	102
YDL 64-2-2	7.50	644	1023	260	159	117
YDL 64-2-1	11.00	754	1225	314	204	162
YDL 64-2	11.00	754	1225	314	204	162
YDL 64-3-2	15.00	836	1307	314	204	180
YDL 64-3-1	15.00	836	1307	314	204	180
YDL 64-3	18.50	836	1351	314	204	193
YDL 64-4-2	18.50	919	1434	314	204	197
YDL 64-4-1	22.00	919	1460	314	204	211
YDL 64-4	22.00	919	1460	314	204	211

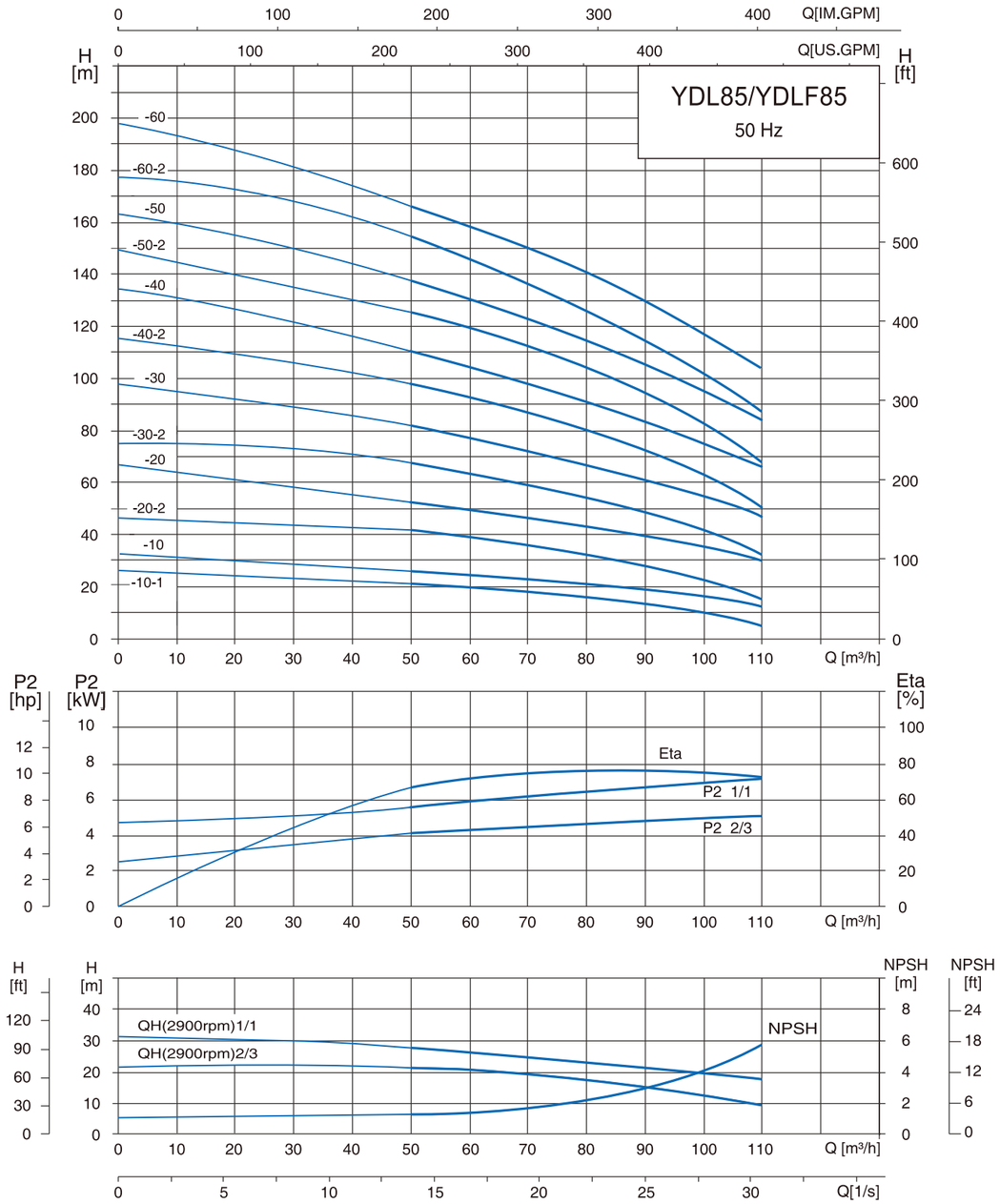
Model	Dimensions (mm)					
	Motor P_2	B1	B1+B2	D1	D2	N.W
	kW					kgs
YDL 64-5-2	30.00	1001	1612	396	315	333
YDL 64-5-1	30.00	1001	1612	396	315	333
YDL 64-5	30.00	1001	1612	396	315	333
YDL 64-6-2	30.00	1084	1695	396	315	339
YDL 64-6-1	37.00	1084	1720	396	315	354
YDL 64-6	37.00	1084	1720	396	315	354
YDL 64-7-2	37.00	1166	1802	396	315	359
YDL 64-7-1	37.00	1166	1802	396	315	359
YDL 64-7	45.00	1166	1874	439	338	443
YDL 64-8-2	45.00	1249	1957	439	338	448
YDL 64-8-1	45.00	1249	1957	439	338	448

YDL/YDLF Series

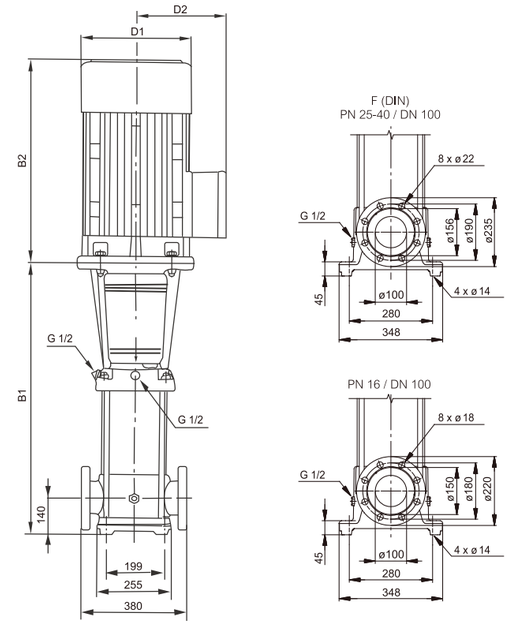
VEVTICAL-MULTI-STAGES PUMP

HYDRAULIC PERFORMANCE CURVES

YDL85/YDLF85



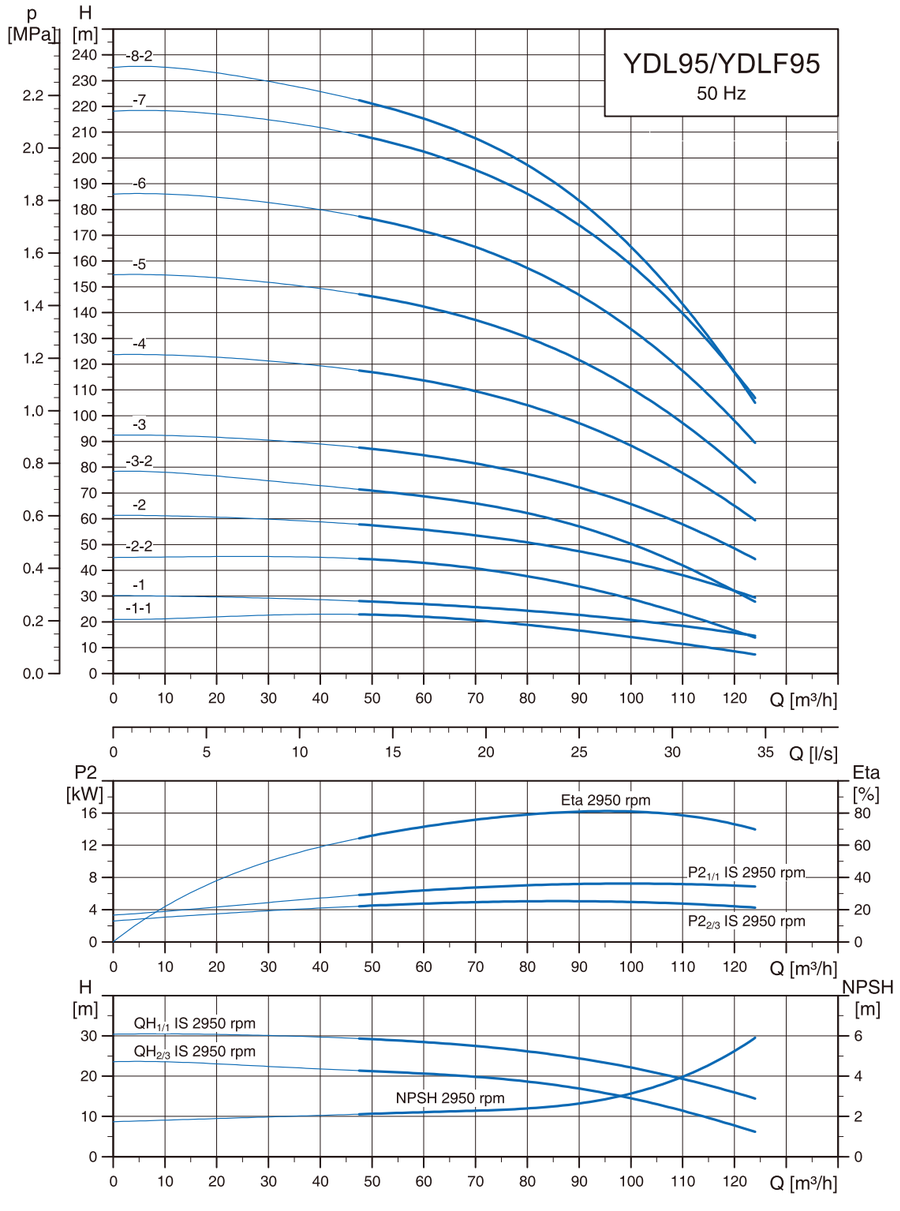
DIMENSION DRAWING



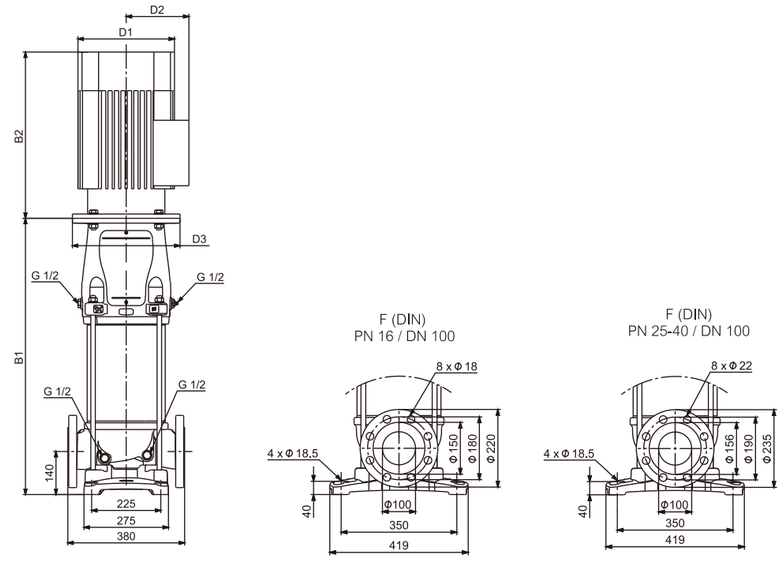
Model	Dimensions					
	Motor P_2	B1	B1+B2	D1	D2	N.W
	kW	mm	mm			kgs
YDL85-10-1	5.5	571	961	260	208	105
YDL85-10	7.5	571	961	260	208	110
YDL85-20-2	11	773	1273	330	255	181
YDL85-20	15	773	1273	330	255	192
YDL85-30-2	18.5	865	1415	330	255	215
YDL85-30	22	865	1440	360	285	252
YDL85-40-2	30	957	1607	400	310	312
YDL85-40	30	957	1607	400	310	312
YDL85-50-2	37	1049	1699	400	310	336
YDL85-50	37	1049	1699	400	310	336
YDL85-60-2	45	1141	1826	460	340	407
YDL85-60	45	1141	1826	460	340	407

HYDRAULIC PERFORMANCE CURVES

YDL95/YDLF95



DIMENSION DRAWING



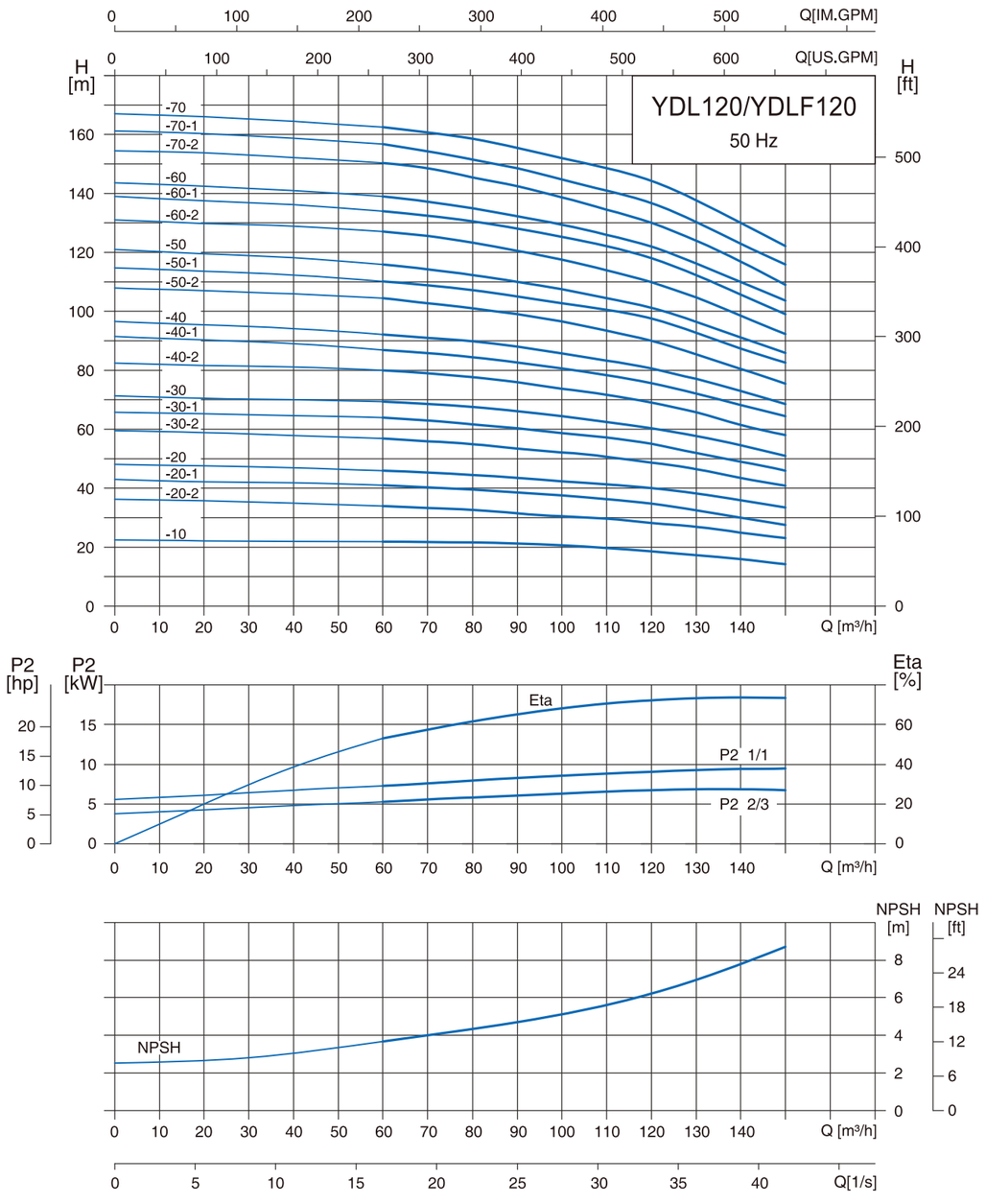
Model	Dimensions					
	Motor P_2	B1	B1+B2	D1	D2	N.W
	kW	mm	mm			kgs
YDL 95-1-1	5.5	689	1080	220	134	125
YDL 95-1	7.5	689	1068	260	159	135
YDL 95-2-2	11	795	1266	314	204	182
YDL 95-2	15	795	1266	314	204	193
YDL 95-3-2	18.5	900	1415	314	204	212
YDL 95-3	22	900	1441	314	204	227
YDL 95-4	30	1009	1620	396	315	349
YDL 95-5	37	1114	1750	396	315	380
YDL 95-6	45	1238	1946	449	338	462
YDL 95-7	55	1342	2089	497	410	562
YDL 95-8-2	55	1446	2193	497	410	568

YDL/YDLF Series

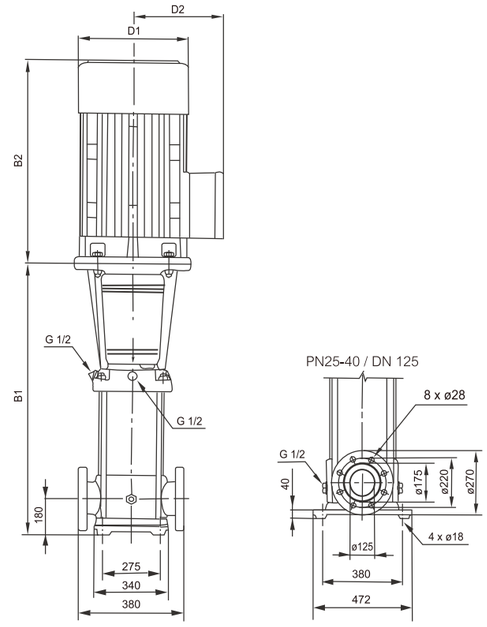
VEVTICAL-MULTI-STAGES PUMP

HYDRAULIC PERFORMANCE CURVES

YDL120/YDLF120



DIMENSION DRAWING



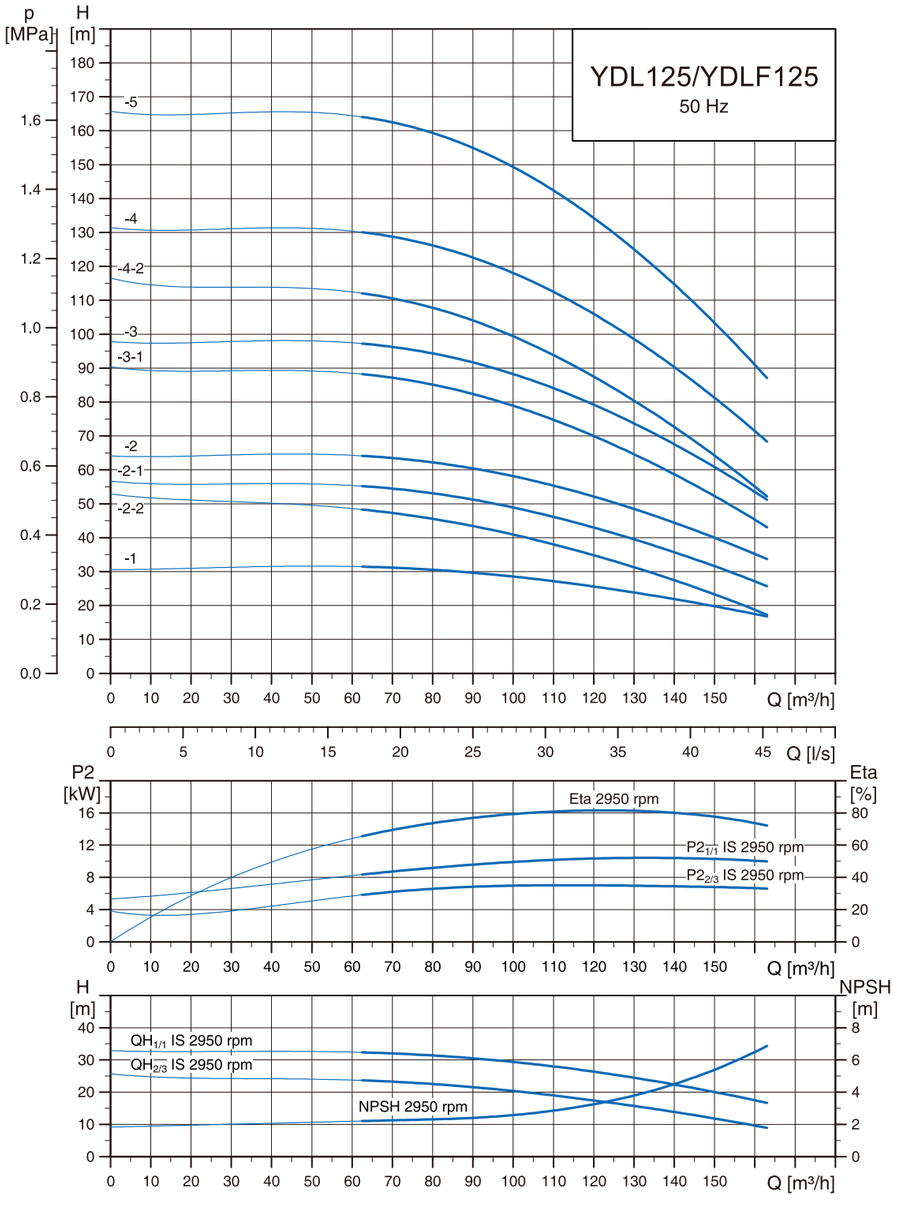
Model	Dimensions					
	Motor P_2	B1	B1+B2	D1	D2	N.W
	kW	mm	mm			kgs
YDL120-10	11	840	1340	330	255	230
YDL120-20-2	15	1000	1500	330	255	245
YDL120-20-1	18.5	1000	1550	330	255	250
YDL120-20	22	1000	1575	360	285	285
YDL120-30-2	30	1160	1810	400	310	360
YDL120-30-1	30	1160	1810	400	310	360
YDL120-30	30	1160	1810	400	310	360
YDL120-40-2	37	1320	1970	400	310	400
YDL120-40-1	37	1320	1970	400	310	400
YDL120-40	45	1320	2005	460	340	460
YDL120-50-2	45	1480	2165	460	340	470
YDL120-50-1	45	1480	2165	460	340	470
YDL120-50	55	1510	2270	540	370	575
YDL120-60-2	55	1670	2430	540	370	585
YDL120-60-1	55	1670	2430	540	370	585
YDL120-60	75	1670	2515	580	410	705
YDL120-70-2	75	1830	2675	580	410	715
YDL120-70-1	75	1830	2675	580	410	715
YDL120-70	75	1830	2675	580	410	715

YDL/YDLF Series

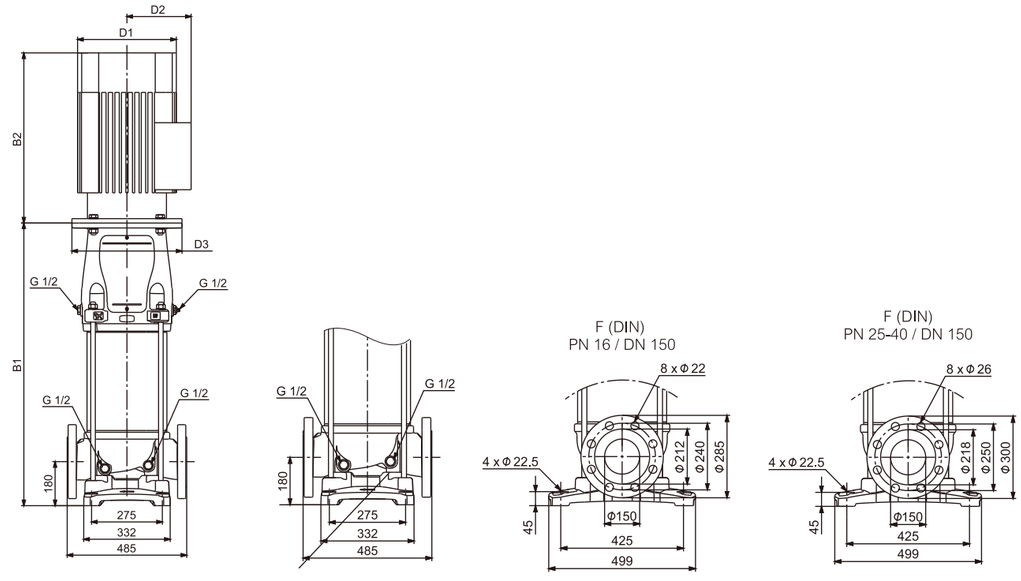
VEVTICAL-MULTI-STAGES PUMP

HYDRAULIC PERFORMANCE CURVES

YDL125/YDLF125



DIMENSION DRAWING



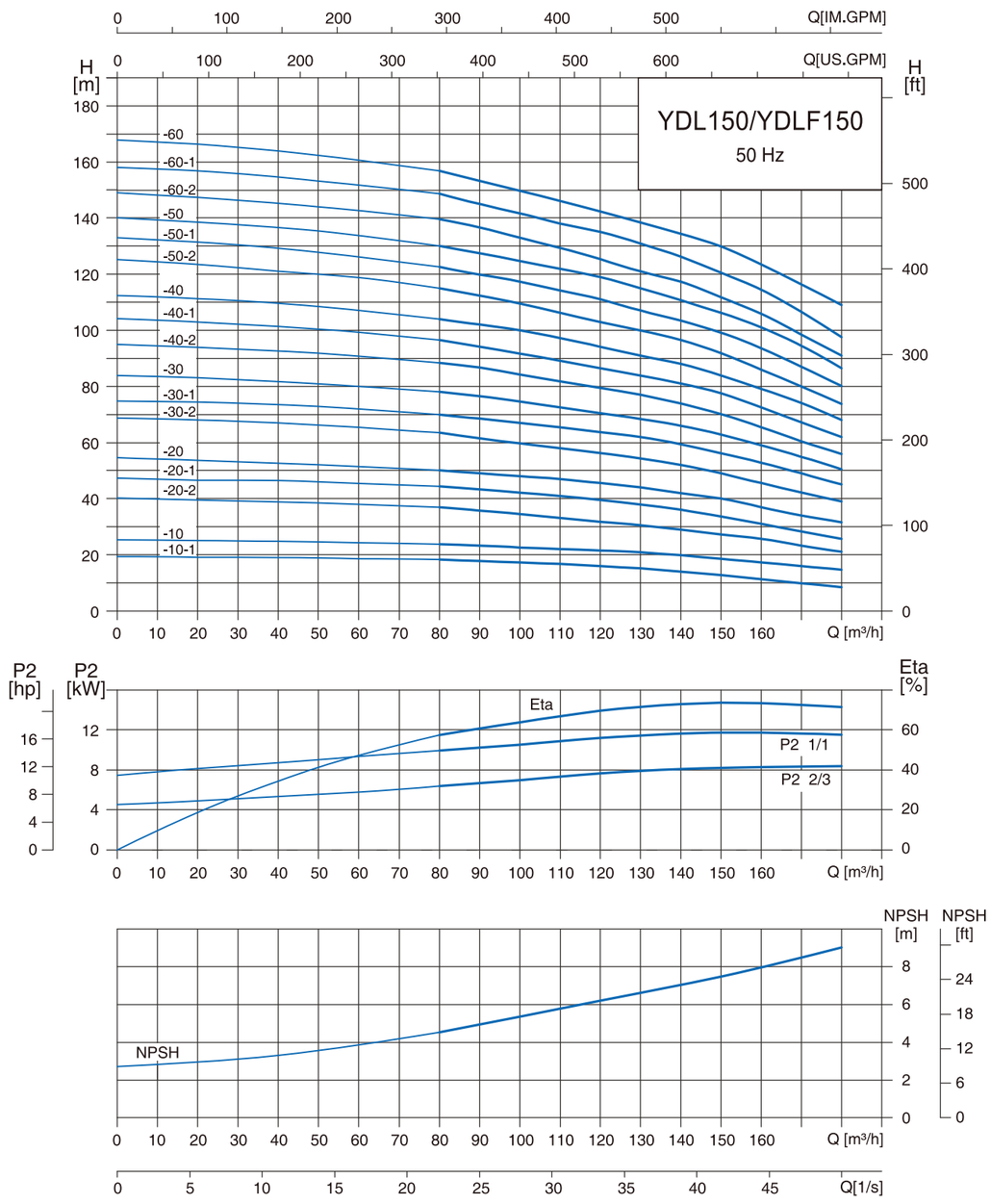
Model	Dimensions					
	Motor P_2	B1	B1+B2	D1	D2	N.W
	kW	mm	mm			kgs
YDL 125-1	11	783	1254	314	204	213
YDL 125-2-2	15	905	1376	314	204	235
YDL 125-2-1	18.5	905	1420	314	204	248
YDL 125-2	22	905	1446	314	204	263
YDL 125-3-1	30	1029	1640	396	315	390
YDL 125-3	37	1029	1665	396	315	415
YDL 125-4-2	37	1151	1787	396	315	425
YDL 125-4	45	1174	1882	449	338	501
YDL 125-5	55	1294	2041	497	410	603

YDL/YDLF Series

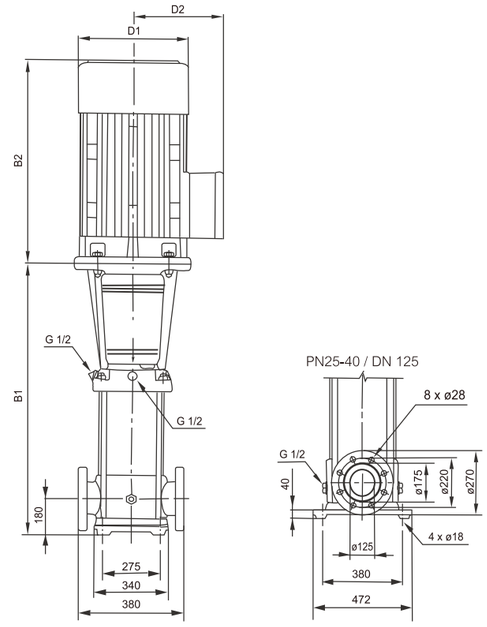
VEVTICAL-MULTI-STAGES PUMP

HYDRAULIC PERFORMANCE CURVES

YDL150/YDLF150



DIMENSION DRAWING



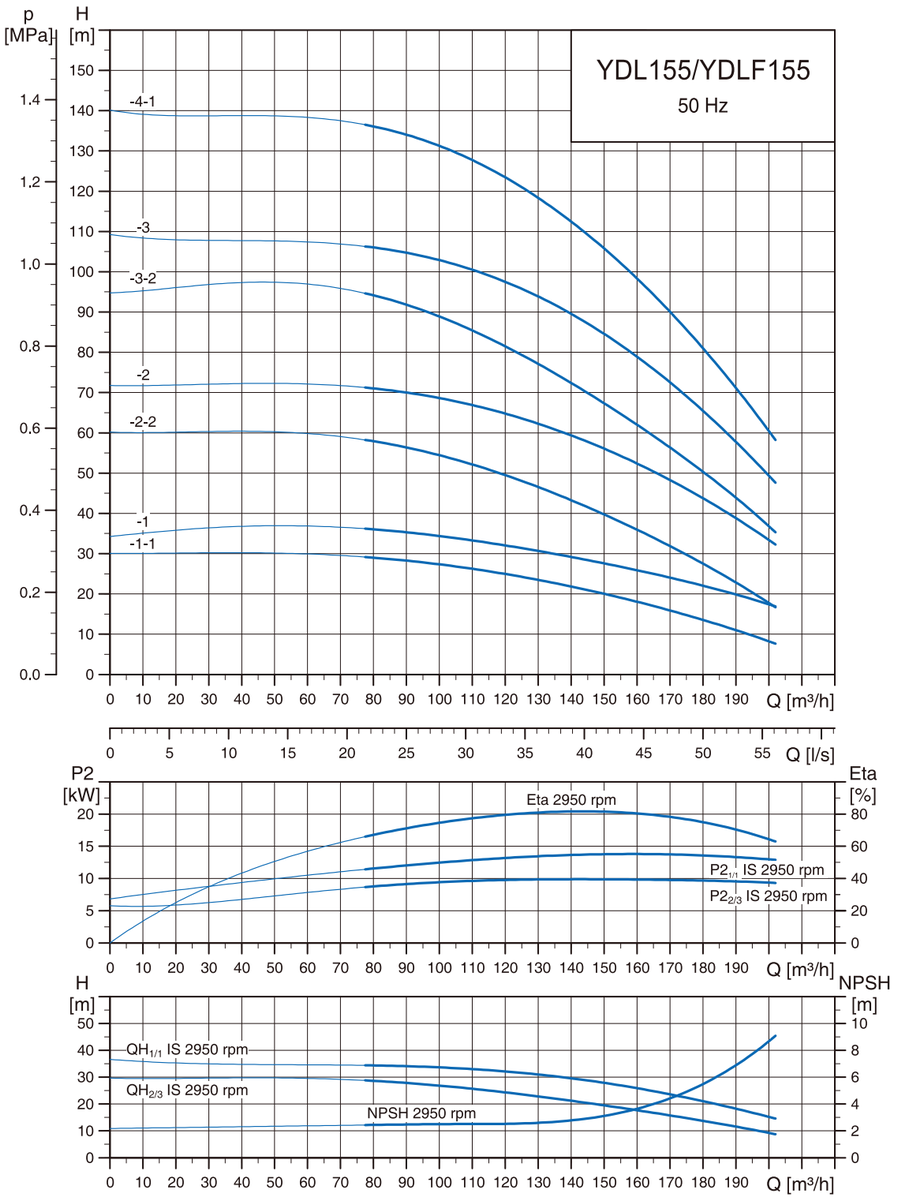
Model	Dimensions					
	Motor P_2	B1	B1+B2	D1	D2	N.W
	kW	mm	mm			kgs
YDL150-10-1	11	840	1340	330	255	230
YDL150-10	15	840	1340	330	255	235
YDL150-20-2	18.5	1000	1550	330	255	250
YDL150-20-1	22	1000	1575	360	285	295
YDL150-20	30	1000	1650	400	310	350
YDL150-30-2	30	1160	1810	400	310	360
YDL150-30-1	37	1160	1810	400	310	360
YDL150-30	37	1160	1810	400	310	385
YDL150-40-2	45	1320	2005	460	340	460
YDL150-40-1	45	1320	2005	460	340	460
YDL150-40	55	1350	2110	540	370	560
YDL150-50-2	55	1510	2270	540	370	570
YDL150-50-1	75	1510	2355	580	410	690
YDL150-50	75	1510	2355	580	410	690
YDL150-60-2	75	1670	2515	580	410	700
YDL150-60-1	75	1670	2515	580	410	700
YDL150-60	75	1670	2515	580	410	700

YDL/YDLF Series

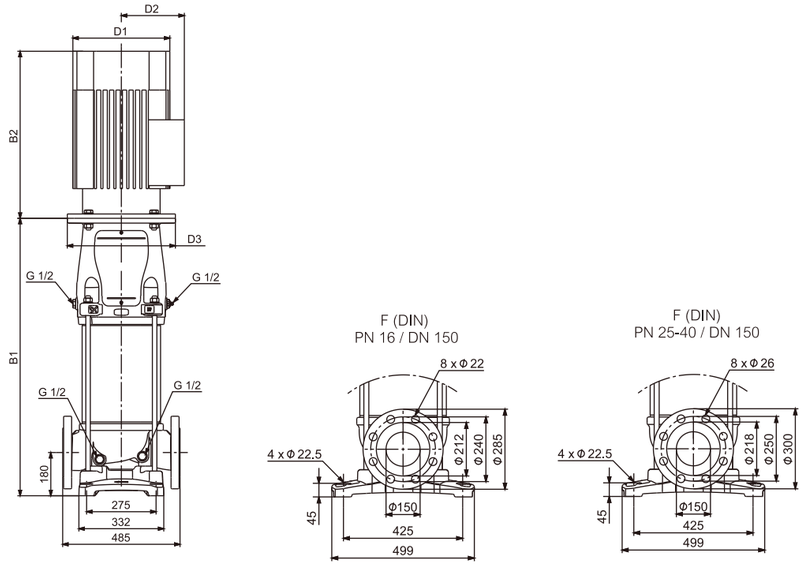
VEVTICAL-MULTI-STAGES PUMP

HYDRAULIC PERFORMANCE CURVES

YDL155/YDLF155



DIMENSION DRAWING



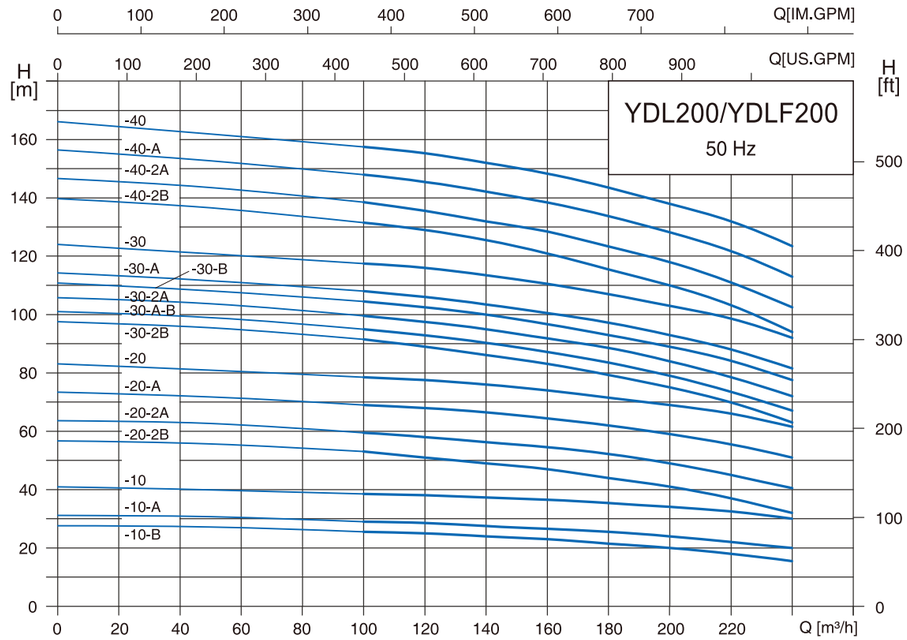
Model	Dimensions					
	Motor P_2	B1	B1+B2	D1	D2	N.W
	kW	mm	mm			kgs
YDL 155-1-1	11	783	1254	314	204	214
YDL 155-1	15	783	1254	314	204	226
YDL 155-2-2	22	905	1446	314	204	264
YDL 155-2	30	907	1518	396	315	381
YDL 155-3-2	37	1029	1665	396	315	416
YDL 155-3	45	1052	1760	449	338	492
YDL 155-4-1	55	1172	1919	497	410	594

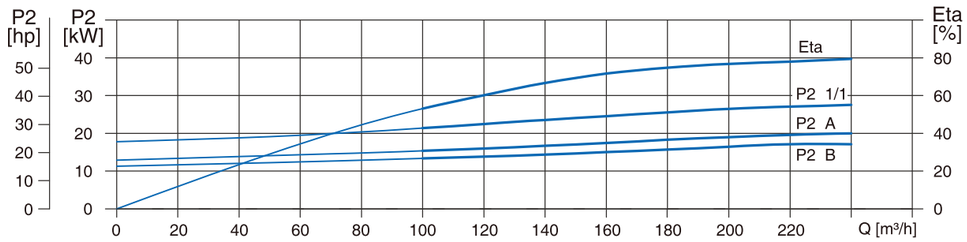
YDL/YDLF Series

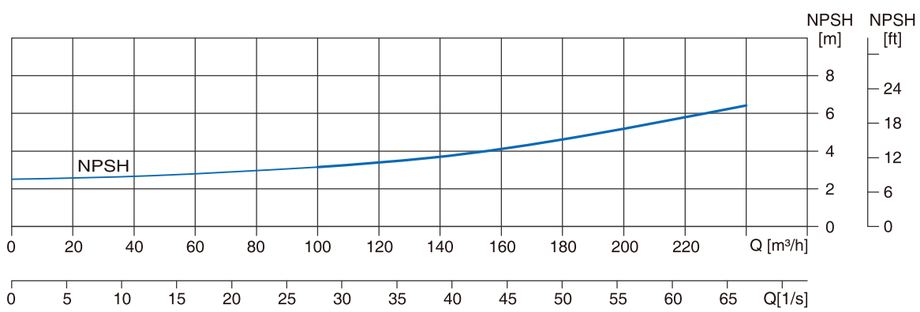
VEVTICAL-MULTI-STAGES PUMP

HYDRAULIC PERFORMANCE CURVES

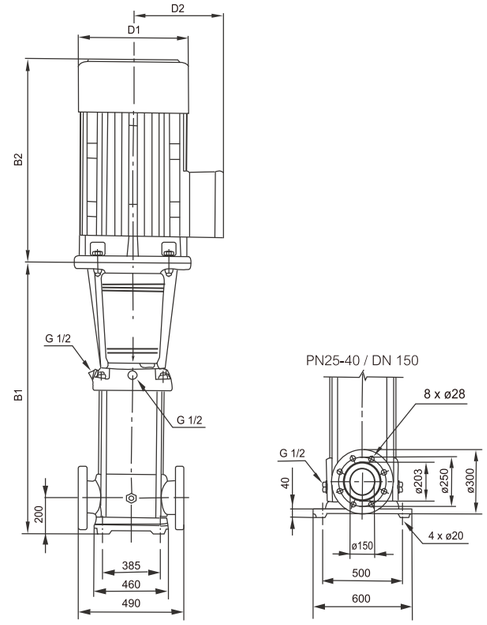
YDL200/YDLF200







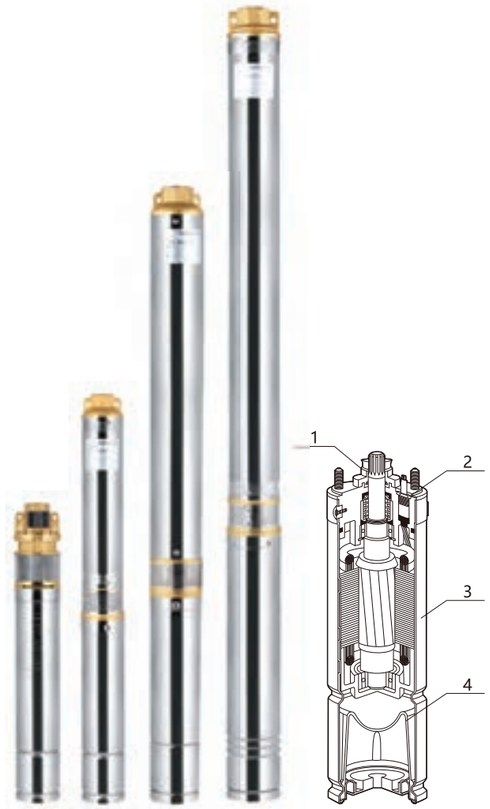
DIMENSION DRAWING



Model	Dimensions					
	Motor P_2	B1	B1+B2	D1	D2	N.W
	kW	mm	mm			kgs
YDL 200-10-B	18.5	907	1457	330	255	311
YDL 200-10-A	22	907	1482	360	285	347
YDL 200-10	30	907	1557	400	310	403
YDL 200-20-2B	37	1101	1751	400	310	447
YDL 200-20-2A	45	1101	1786	460	340	504
YDL 200-20-A	55	1131	1891	540	370	595
YDL 200-20	55	1131	1891	540	370	595
YDL 200-30-2B	75	1325	2170	580	410	748
YDL 200-30-A-B	75	1325	2170	580	410	748
YDL 200-30-2A	75	1325	2170	580	410	748
YDL 200-30-B	75	1325	2170	580	410	748
YDL 200-30-A	75	1325	2170	580	410	748
YDL 200-30	90	1325	2220	580	410	817
YDL 200-40-2B	90	1519	2414	580	410	830
YDL 200-40-2A	110	1519	2659	645	550	1180
YDL 200-40-A	110	1519	2659	645	550	1180
YDL 200-40	110	1519	2659	645	550	1180

QJ Series

OIL-DIPPED SUBMERSIBLE DEEP WELL PUMP



75/90/100/125

INTRODUCTION

The 75/90/100/125QJ series submersible deep well pumps are new developed multistage stainless steel bore-hole pumps. It's designed for wells with a diameter of 3" or greater.

It's consist of a oil-dipped submersible motor and a multistage pump. It has a merit of small size, anti-rust, and high lift.

Impellers and diffusers in techno-polymer(Noryl). Sleeves shaft with coupling, bushes, adjustment insert, cable cover, filter, bolts and screws in stainless steel. Flange connect base according to NEMA standard.

Self-centring thrust bearing lubricated by the internal liquid.

Capacitor and thermal-current protection device permanently on the control panel supplied as a standard feature for the single-phase version.

The user must provide the overload protection for the three-phase version.

75 QJ D 1 30 - 0.75

- Motor power (kW)
- Stage
- Capacity (m^3/h)
- Single phase motor
- **QJ** Series submersible pump
- Well diameter: >**75mm(3")**

1. Spline protector and sand slinger
2. Flange connect base
3. Stainless steel exterior construction
4. Pressure equalizing diaphragm

TECHNICAL DATA

Type		power		Capacity and head																																				
Single phase 220-240V-50Hz	Three phase 380-415V-50Hz	kW	HP	L/min	0	8	13	17	25	30	33	42	47	50	58	66	67	75	83	93	100	200	117	133	150	167	200	250	283	300	317	33	417	467							
				m^3/h	0	0.5	0.75	1	1.5	1.8	2	2.5	2.8	3	3.5	4	4	4.5	5	5.6	6	6	7	8	9	10	12	15	17	18	19	20	25	28							
75QJD110-0.25		0.25	0.33		38	36		33	28	23	20	10	4																											
75QJD115-0.37		0.37	0.5		55	45		50	40	34	29	14	5																											
75QJD122-0.55		0.55	0.75		79	78		72	58	50	42	20	7																											
75QJD130-0.75		0.75	1		108	105		93	76	64	57	27	10																											
75QJD140-1.1		1.1	1.5		144	132		120	91	76	60	25	13																											
75QJD2 08-0.25		0.25	0.33		28	27		26	25	23	22	17		11																									
75QJD2 11-0.37		0.37	0.5		39	37		36	34	32	30	24		15																									
75QJD2 17-0.55		0.55	0.75		60	58		56	52	49	46	37		23																									
75QJD2 24-0.75		0.75	1		85	82		79	74	70	65	52		33																									
75QJD2 33-1.1		1.1	1.5		110	107		101	95	90	85	67		42																									
90QJD109-0.37		0.37	0.5		50	49	47	45	38		29																												
90QJD112-0.55		0.55	0.75		67	65	63	60	50		38																												
90QJD114-0.55		0.55	0.75	Head	78	76	74	70	59		45																												
90QJD118-0.75		0.75	1	(m)	101	98	95	90	76		58																												
90QJD122-1.1		1.1	1.5		123	120	116	110	92		70																												
90QJD126-1.5		1.5	2		143	138	135	130	109		83																												
90QJD 205-0.25		0.25	0.33		26	25		25	24		23	22		20	17	15		11		2																			
90QJD 207-0.37		0.37	0.5		35	34		33	32		30	28		26	23	18		14		3																			
90QJD 211-0.55		0.55	1.75		35	54		53	52		49	46		42	38	32		25		4																			
90QJD 216-0.75		0.75	1		78	76		75	71		66	62		55	48	39		30		5																			
90QJD 219-1.1		1.1	1.5		93	92		91	89		84	79		71	63	53		42		6																			
90QJD 221-1.5		1.5	2		102	101		100	96		91	85		77	68	56		43		7																			
100QJD205-0.37	100QHD205-0.37	0.37	0.5		34			33	32		30	28		25																									
100QJD208-0.55	100QHD208-0.55	0.55	0.75		54			52	50		45	44		40																									
100QJD210-0.75	100QHD210-0.75	0.75	1		67			65	63		60	56		50																									

TECHNICAL DATA

Type		power		Capacity and head																																				
Single phase 220-240V-50Hz	Three phase 380-415V-50Hz	kW	HP	L/min	0	8	13	17	25	30	33	42	47	50	58	66	67	75	83	93	100	200	117	133	150	167	200	250	283	300	317	33	417	467							
				m^3/h	0	0.5	0.75	1	1.5	1.8	2	2.5	2.8	3	3.5	4	4	4.5	5	5.6	6	6	7	8	9	10	12	15	17	18	19	20	25	28							
100QJD212-1.1	100QJ212-1.1	1.1	1.5		81			78	76		70	67		60																									
100QHD212-1.1	100QH212-1.1																																					
100QJD214-1.1	100QJ214-1.1	1.1	1.5		94			91	88		85	78		70																									
100QHD214-1.1	100QH214-1.1																																					
100QJD216-1.5	100QJ216-1.5	1.5	2		108			104	101		100	90		80																									
100QHD216-1.5	100QH216-1.5																																					
100QJD220-1.5	100QJ220-1.5	1.5	2		135			130	126		120	112		100																									
100QHD220-1.5	100QH220-1.5																																					
100QJD225-2.2	100QJ225-2.2	2.2	3		168			163	158		150	140		125																									
100QHD225-2.2	100QH225-2.2																																					
100QJD230-2.2	100QJ230-2.2	2.2	3		202			195	189		180	168		150																									
100QHD230-2.2	100QH230-2.2																																					
100QJD306-0.55		0.55	0.75		43						39	36		30	27		21																						
100QHD306-0.55																																						
100QJD308-0.75		0.75	1		58						52	47		40	36		28																						
100QHD308-0.75																																						
100QJD310-1.1	100QJ310-1.1	1.1	1.5		72						64	59		50	45		36																						
100QHD310-1.1	100QH310-1.1																																					
100QJD312-1.1	100QJ312-1.1	1.1	1.5		86						76	71		60	54		43																						
100QHD312-1.1	100QH312-1.1																																					
100QJD314-1.5	100QJ314-1.5	1.5	2		101						89	82		70	63		51																						
100QHD314-1.5	100QH314-1.5																																					
100QJD316-1.5	100QJ316-1.5	1.5	2		115						101	93		80	73		58																						
100QHD316-1.5	100QH316-1.5																																					
100QJD320-2.2	100QJ320-2.2	2.2	3		144						125	116		100	91		74																						
100QHD320-2.2	100QH320-2.2																																					
100QJD324-2.2	100QJ324-2.2	2.2	3		173						149	138		120	110		90																						
100QHD324-2.2	100QH324-2.2																																					
100QJD505-0.75		0.75	1		33												28		25				21		16		9										
100QHD505-0.75																																						
100QJD507-1.1	100QJ507-1.1	1.1	1.5	Head	46												39		35				29		22		13										
100QHD507-1.1	100QH507-1.1																																					
100QJD509-1.5	100QJ509-1.5	1.5	2	(m)	59												50		45				37		28		16										
100QHD509-1.5	100QH509-1.5																																					
100QJD511-2.2	100QJ511-2.2	2.2	3		72												62		55				45		34		20										
100QHD511-2.2	100QH511-2.2																																					
100QJD513-2.2	100QJ513-2.2	2.2	3		85												73		65				53		40		23										
100QHD513-2.2	100QH513-2.2																																					
100QJD514-2.2	100QJ514-2.2	2.2	3		92												78		70				59		45		25										
100QHD514-2.2	100QH514-2.2																																					
100QJD804-0.75		0.75	1		25															19			18		16	14	12										
100QJD805-1.1	100QJ805-1.1	1.1	1.5		31															24			23		20	18	15										
100QJD807-1.5	100QJ807-1.5	1.5	2		43															34			32		29	25	21										
100QJD808-1.5	100QJ808-1.5	1.5	2		50															39			36		33	29	24										
100QJD810-2.2	100QJ810-2.2	2.2	3		62															49			45		41	36	30										
100QJD811-2.2	100QJ811-2.2	2.2	3		68															53			50		45	40	33										
125QJD10 05-2.2		2.2	3		52								46										41			35	31	22									
125QJD10 07-3	125QJ10 07-3	3	4		73								65										57			50	44	31									
125QJD10 10-4	125QJ10 10-4	4	5.5		104								93										81			70	62	45									
	125QJ10 14-5.5	5.5	7.5		145								130										113			100	87	62									
	125QJ10 19-7.5	7.5	10		197								176										154			135	118	85									
	125QJ10 23-9.2	9.2	12.5		239								213										186			165	143	102									
	125QJ10 26-11	11	15		270								240										210			185	160	115									
125QJD15 04-2.2		2.2	3		42																		35				29	24	19		15						
125QJD15 05-3	125QJ15 05-3	3	4		53																		44				37	30	24		19						
125QJD15 07-4	125QJ15 07-4	4	5.5		73																		65				55	45	39		31						
	125QJ15 10-5.5	5.5	7.5		106																		87				73	60	48		37						
	125QJ15 13-7.5	7.5	10		138																		116				98	80	67		52						
	125QJ15 16-9.2	9.2	12.5		169																		142				120	98	82		64						
	125QJ15 19-11	11	15		201																		169				143	115	98		76						
125QJD20 03-2.2		2.2	3		32																		31							23		20	12	6			
125QJD20 05-3	125QJ20 05-3	3	4		53																		52							38		33	20	10			
125QJD20 07-4	125QJ20 07-4	4	5.5		74																		72							53		47	29	14			
	125QJ20 09-5.5	5.5	7.5		95																		93							68		60	37	17			
	125QJ20 11-7.5	7.5	10		116																		113							83		73	45	21			
	125QJ20 13-7.5	7.5	10		137																		134							98		87	53	25			
	125QJ20 15-9.2	9.2	12.5		158																		155							113		100	61	29			
	125QJ20 17-9.2	9.2	12.5		179																		175							128		113	70	33			
	125QJ20 19-11	11	15		200																		196							143		127	78	37			
	125QJ20 21-11	11	15		221																		216							158		140	86	41			

QJ Series

WATER-LOGGED SUBMERSIBLE PUMP

CAST-IRON PUMP
REWINDABLE MOTOR
5" 6" 7" SIZE AVAILABLE

INTRODUCTION

With the latest new technology, the submersible pumps consist of water-logged motor and multistage pumps, it's well used in lifting water from deep well and applicable for farmland irrigation and drainage project in towns and enterprises.

The demanded water quality: water temperature in well not more than 20°C, solid impurity (mass ratio) in water not more than 0.01%, generally non-corrosive clean water. Principal features: as an united body, the motor and pump are fully submerged into the water, with large capacity, high efficiency, simple structure, easy to maintenance and reliable operation.

TECHNICAL DATA

Model	Flow (m^3/h)	Head (m)	Speed (r/min)	Pump Eff (%)	Out-let Size (mm)	Rated Power (kW)	Rated Voltage (V)	Rated Current (A)	Motor Eff (%)	Power Factor	Pump Dia (mm)
125QJ9-58.5/9		58.5				3		8	73	0.78	
125QJ9-78/12	9	78	2850	53	40	4	380	9.5	74	0.78	114
125QJ9-104/16		104				5.5		13	75	0.79	
125QJ14-24/4		24				2.2		6	73	0.78	
125QJ14-30/5		30				3		8	73	0.78	
125QJ14-36/6		36				3		8	73	0.78	
125QJ14-42/7	14	42	2850	55	50	4	380	9.5	74	0.78	114
125QJ14-48/8		48				4		9.5	74	0.78	
125QJ14-54/9		54				5.5		13	75	0.79	
125QJ14-60/10		60				5.5		13	75	0.79	
125QJ14-66/11		66				5.5		13	75	0.79	
125QJ18-30/5		30				3		8	73	0.78	
125QJ18-36/6		36				3		8	73	0.78	
125QJ18-42/7	18	42	2850	57	50	4	380	9.5	74	0.78	114
125QJ18-48/8		48				4		9.5	74	0.78	
125QJ18-54/9		54				5.5		13	75	0.79	
125QJ18-60/10		60				5.5		13	75	0.79	
150QJ20-33/5		33				3		6.8	74	0.78	
150QJ20-39/6		39				4		9.5	75	0.79	
150QJ20-52/8		52				5.5		13.47	76	0.80	
150QJ20-72/11		72				7.5		18.7	77	0.80	
150QJ20-78/12		78				7.5		18.7	77	0.80	
150QJ20-85/13		85				9.2		23.2	78	0.81	
150QJ20-98/15	20	98	2850	64	50	9.2	380	23.2	78	0.81	143
150QJ20-104/16		104				11		27.8	78.5	0.81	
150QJ20-111/17		111				11		27.8	78.5	0.81	
150QJ20-137/21		137				15		38.4	79	0.81	
150QJ20-143/22		143				15		38.4	79	0.81	
150QJ20-156/24		156				15		38.4	79	0.81	
150QJ20-176/27		176				18.5		47.5	79.5	0.82	
150QJ20-182/28		182				18.5		47.5	79.5	0.82	
150QJ32-18/3		18				3		6.8	74	0.78	
150QJ32-24/4		24				4		9.5	75	0.79	
150QJ32-30/5		30				5.5		13.4	76	0.80	
150QJ32-36/6		36				5.5		13.4	76	0.80	
150QJ32-42/7	32	42	2850	66	50	7.5	380	18.7	77	0.80	143
150QJ32-54/9		54				9.2		23.2	78	0.81	
150QJ32-66/11		66				11		27.8	78.5	0.81	
150QJ32-72/12		72				13		33.2	79	0.81	
150QJ32-84/14		84				13		33.2	79	0.81	

TECHNICAL DATA

Model	Flow (m^3/h)	Head (m)	Speed (r/min)	Pump Eff (%)	Out-let Size (mm)	Rated Power (kW)	Rated Voltage (V)	Rated Current (A)	Motor Eff (%)	Power Factor	Pump Dia (mm)
150QJ32-90/15		90				15		38.4	79	0.81	
150QJ32-96/16	32	96	2850	66	50	15	380	38.4	79	0.81	143
150QJ32-108/18		108				18.5		47.5	79.5	0.82	
150QJ40-18/3		18				4		9.5	75	0.79	
150QJ40-24/4		24				5.5		13.4	76	0.80	
150QJ40-30/5		30				7.5		18.7	77	0.80	
150QJ40-36/6		36				7.5		18.7	77	0.80	
150QJ40-42/7	40	42	2850	67	80	9.2	380	23.2	78	0.81	143
150QJ40-54/9		54				11		27.8	78.5	0.81	
150QJ40-66/11		66				13		33.2	79	0.81	
150QJ40-72/12		72				15		38.4	79	0.81	
150QJ40-78/13		78				15		38.4	79	0.81	
150QJ40-84/14		84				18.5		47.5	79.5	0.82	
150QJ40-96/16		96				18.5		47.5	79.5	0.82	
150QJ50-20/4		20				5.5		13.4	76	0.80	
150QJ50-25/5		25				7.5		18.7	77	0.81	
150QJ50-30/6		30				7.5		18.7	77	0.81	
150QJ50-40/8		40				9.2		23.2	78	0.82	
150QJ50-50/10	50	50	2850	68	80	11	380	27.8	79.5	0.82	143
150QJ50-55/11		55				13		33.2	79	0.83	
150QJ50-65/13		65				15		38.4	79	0.83	
150QJ50-75/15		75				18.5		47.5	79.5	0.83	
150QJ50-80/16		80				18.5		47.5	79.5	0.83	
175QJ20-26/2		26				3		7.4	74	0.79	
175QJ20-39/3		39				4		9.2	76	0.79	
175QJ20-52/4		52				5.5		12.9	77	0.80	
175QJ20-78/6		78				7.5		16.7	77.5	0.80	
175QJ20-91/7		91				9.2		20.3	78	0.81	
175QJ20-104/8	20	104	2850	64	50	11	380	23.9	79	0.81	168
175QJ20-130/10		130				13		28.4	80	0.82	
175QJ20-156/12		156				15		32.1	80	0.82	
175QJ20-182/14		182				18.5		39.5	80.5	0.82	
175QJ20-208/16		208				22		45.8	81	0.83	
175QJ20-247/19		247				25		51.8	81	0.83	
175QJ25-26/2		26				3		7.4	74	0.79	
175QJ25-39/3		39				5.5		12.9	77	0.80	
175QJ25-65/5		65				7.5		16.7	77.5	0.80	
175QJ25-78/6		78				9.2		20.3	78	0.81	
175QJ25-91/7	25	91	2850	66	50	11	380	23.9	79	0.81	168
175QJ25-104/8		104				13		28.4	80	0.82	
175QJ25-130/10		130				15		32.1	80	0.82	
175QJ25-156/12		156				18.5		39.5	80.5	0.82	
175QJ25-182/14		182				22		45.8	81	0.83	
175QJ25-208/16		208				25		51.8	81	0.83	
175QJ32-24/2		24				4		9.7	76	0.79	
175QJ32-36/3		36				5.5		12.9	77	0.80	
175QJ32-48/4		48				7.5		16.8	77.5	0.80	
175QJ32-60/5		60				9.2		20.3	78	0.81	
175QJ32-72/6	32	72	2850	67	50	11	380	23.9	79	0.81	168
175QJ32-84/7		84				13		28.4	80	0.82	
175QJ32-96/8		96				15		32.1	80	0.82	
175QJ32-120/10		120				18.5		39.5	80.5	0.82	
175QJ32-144/12		144				22		45.8	81	0.83	
175QJ32-168/14		168				25		51	81	0.83	
175QJ40-24/2		24				5.5		12.9	77	0.80	
175QJ40-36/3		36				7.5		16.7	77.5	0.80	
175QJ40-48/4		48				9.2		20.3	78	0.81	
175QJ40-60/5		60				11		23.9	79	0.81	
175QJ40-72/6	40	72	2850	70	80	13	380	28.4	80	0.82	168
175QJ40-84/7		84				15		32.1	80	0.82	
175QJ40-98/8		98				18.5		39.5	80.5	0.82	
175QJ40-120/10		120				22		45.8	81	0.83	
175QJ40-132/11		132				25		51.8	81	0.83	
175QJ50-24/2		24				5.5		12.9	77	0.80	
175QJ50-36/3		36				9.2		20.3	78	0.81	
175QJ50-48/4		48				11		23.9	79	0.81	
175QJ50-60/5	50	60	2850	72	80	13	380	28.4	80	0.82	168
175QJ50-84/7		84				18.5		39.5	80.5	0.82	
175QJ50-96/8		96				22		45.8	81	0.83	
175QJ50-108/9		108				25		51.8	81	0.83	

QDX Series
GARDEN SUBMERSIBLE PUMP

TYPE-PS01

TYPE-PS02

OPERATING CONDITIONS

- Liquid temperature up to 60°C
- Ambient temperature up to 40°C
- Total suction lift up to 9m
- Continuous duty

PUMP

- Pump Body: Anti-UV Plastic
- Impeller: Nylon Plastic
- Mechanical Seal: Carbon / Ceramic / Stainless Steel
- Float Switch: With/Without

MOTOR

- Single Phase
- Heavy Duty Continuous Work
- Shaft: Carbon Steel / Stainless Steel
- Insulation: Class B / Class F
- Protection: IP68
- Water Cooling

IDENTIFICATION CODES

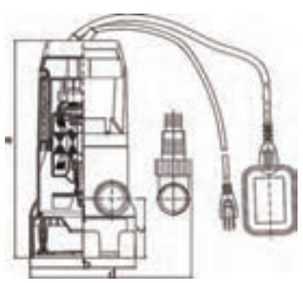
QDX- T 6-5-0.25(PS01)

- 01 clean water, 02 dirty water
- Power
- Flow(m^3/h)
- Head
- Three Phase Motor
- (Omitted for single-phase motor)
- Product Style

TECHNICAL DATA (220~240V/50Hz)

Model	Single-phase Motor		n=2850r/min		Outlet size(mm)			
	Output Power		Q.max	H.max	Body outlet		Coupling	
	kW	HP	L/min	m	Inch	mm	Inch	mm
QDX-6-5-0.25(PS01)	0.25	0.33	83	6	1 .5"	40	1 "	25
QDX-9-7-0.40(PS01)	0.40	0.55	116	7	1 .5"	40	1 "	25
QDX-10-10-0.55(PS01)	0.55	0.75	150	8	1 .5"	40	1 "	25
QDX-11-12-0.75(PS01)	0.75	1	183	9	1 .5"	40	1 "	25
QDX-0.90(PS01)	0.90	1.2	200	9.5	1 .5"	40	1 "	25
QDX-1.10(PS01)	1.10	1.5	215	10	1 .5"	40	1 "	25
QDX-6-5-0.25(PS02)	0.25	0.33	80	4	1 .5"	40	1 "	25
QDX-9-7-0.40(PS02)	0.40	0.55	125	5	1 .5"	40	1"	25
QDX-10-10-0.55(PS02)	0.55	0.75	175	7	1 .5"	40	1 "	25
QDX-11-12-0.75(PS02)	0.75	1	208	8	1 .5"	40	1 "	25
QDX-0.90(PS02)	0.90	1.2	233	9	1 .5"	40	1 "	25
QDX-1.10(PS02)	1.10	1.5	250	9.5	1 .5"	40	1"	25

Other voltages and frequencies available on request.

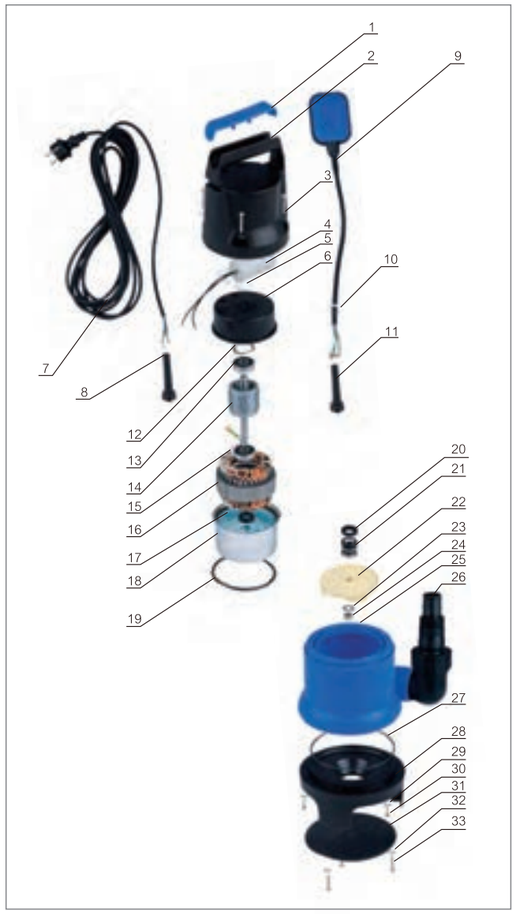


OVERALL & INSTALLATION DIMENSIONS

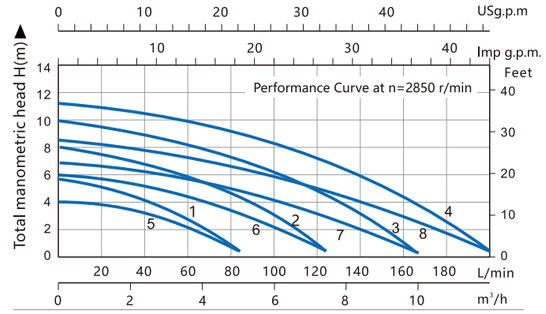
Model	Dimensions (mm)			
	a	b	c	d
QDX-0.25/1.1(PS01)	342	158	58	220
QDX-0.25/1.1(PS02)	325	158	89	220

SISTEMA®

MATERIALS TABLE



HYDRAULIC PERFORMANCE CURVES



1.QDX-6-5-0.25(PS01) 4.QDX-11-12-0.75(PS01) 7.QDX-10-10-0.55(PS02)
2.QDX-9-7-0.40(PS01) 5.QDX-6-5-0.25(PS02) 8.QDX-11-12-0.75(PS02)
3.QDX-10-10-0.55(PS01) 6.QDX-9-7-0.40(PS02)

NO.	DESCRIPTION	NO.	DESCRIPTION
1	Handle Cover	18	Motor Fore Cover
2	Behind cover	19	O-Ring
3	Bolt	20	Oil Seal
4	Capacitor	21	Mechanical Seal
5	Capacitor Bracket	22	Impeller
6	Motor Rear Cover	23	Plain Washer
7	Cable and plug	24	Nut For Impeller
8	Cable gland	25	Pump Body
9	Flow switch	26	Out-Tie
10	Cable impacting	27	O-Ring
11	Cable gland	28	Base
12	Adjusting ring	29	Plain Washer
13	Bearing	30	Screw
14	Motor Rotor	31	Base Board
15	Bearing	32	Plain Washer
16	Motor Stator	33	Screw
17	Oil Seal		

PACKAGE INFORMATION

Model	Package dimensions & G.W. (mm)				MOQ Kraft carton
	L	W	H	kg	pcs
QDX-6-5-0.25(PS01)	220	160	310	3.4	100
QDX-9-7-0.40(PS01)	220	160	310	3.6	100
QDX-10-10-0.55(PS01)	220	160	310	4.1	100
QDX-11-12-0.75(PS01)	220	160	310	4.7	100
QDX-0.90(PS01)	220	160	340	5.3	100
QDX-1.10(PS01)	220	160	340	5.9	100
QDX-6-5-0.25(PS02)	220	160	340	3.4	100
QDX-9-7-0.40(PS02)	220	160	340	3.6	100
QDX-10-10-0.55(PS02)	220	160	340	4.1	100
QDX-11-12-0.75(PS02)	220	160	370	4.7	100
QDX-0.90(PS02)	220	160	370	5.3	100
QDX-1.10(PS02)	220	160	370	5.9	100

QDX-SS Series

GARDEN SUBMERSIBLE PUMP

TYPE-SS02

TYPE-SS01

OPERATING CONDITIONS

- Liquid temperature up to 60°C
- Ambient temperature up to 40°C
- Total suction lift up to 9m
- Continuous duty

PUMP

- Pump Body: Stainless Steel
- Impeller: PE / Stainless Steel
- Mechanical Seal: Silicon Carbide
- Float Switch: With/Without

MOTOR

- Single Phase
- Heavy Duty Continuous Work
- Shaft: Stainless Steel
- Insulation: Class B / Class F
- Protection: IP68
- Water Cooling

IDENTIFICATION CODES

QDXSS T -7.5- 6 (SS01)

- 01 clean water, 02 dirty water — Head
- Flow(m^3/h)
- Three Phase Motor (Omitted for single-phase motor)
- Product Style

TECHNICAL DATA (220~240V/50Hz)

Model	Single-phase Motor Output Power		n=2850r/min		Outlet size(mm)	
	kW	HP	Q.max L/min	H.max m	Body outlet Inch	Coupling Inch
QDXSS-300(SS01)	0.30	0.40	110*	6*	1 .25"	1 "x1.25"x1.5"
QDXSS-400(SS01)	0.40	0.55	117	7	1 .25"	1 "x1.25"x1.5"
QDXSS-550(SS01)	0.55	0.75	142	8	1 .25"	1 "x1.25"x1.5"
QDXSS-750(SS01)	0.75	1	175	9	1 .25"	1 "x1.25"x1.5"
QDXSS-900(SS01)	0.90	1.2	192	9	1 .25"	1 "x1.25"x1.5"
QDXSS-1100(SS01)	1.10	1.5	208	9.5	1 .25"	1 "x1.25"x1.5"
QDXSS-300(SS02)	0.30	0.40	115*	5	1 .25"	1 "x1.25"x1.5"
QDXSS-400(SS02)	0.40	0.55	125	7	1 .25"	1 "x1.25"x1.5"
QDXSS-550(SS02)	0.55	0.75	142	8	1 .25"	1 "x1.25"x1.5"
QDXSS-750(SS02)	0.75	1	175	9	1 .25"	1 "x1.25"x1.5"
QDXSS-900(SS02)	0.90	1.2	233	9	1 .25"	1 "x1.25"x1.5"
QDXSS-1100(SS02)	1.10	1.5	250	9.5	1 .25"	1 "x1.25"x1.5"

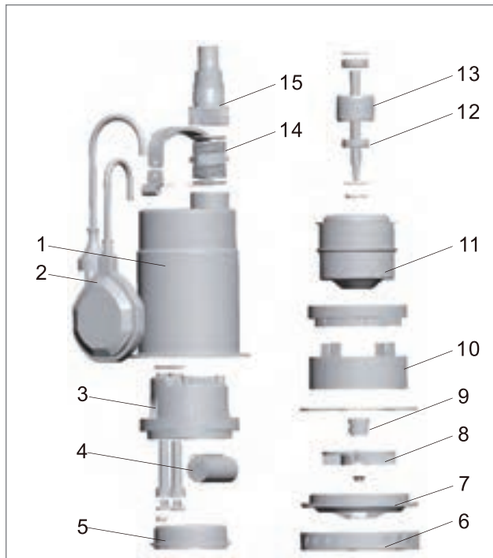
Other voltages and frequencies available on request.

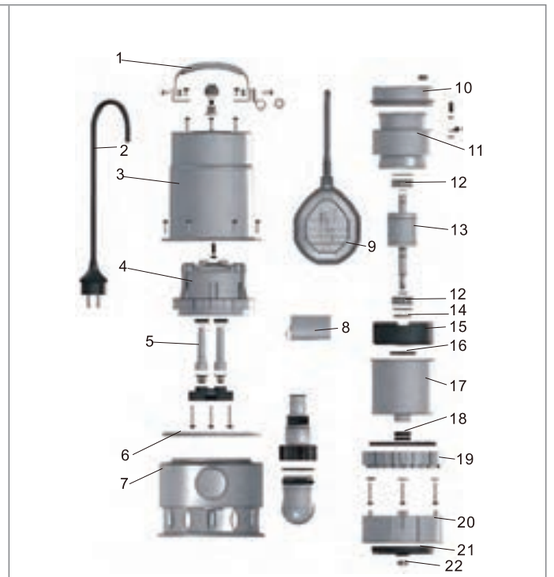
PACKAGE INFORMATION

Model	Package dimensions & G.W. (mm) L	W	H	kg	MOQ Kraft carton pcs
QDXSS-300(SS01)	220	160	310	3.8	100
QDXSS-400(SS01)	220	160	310	3.9	100
QDXSS-550(SS01)	220	160	310	4.5	100
QDXSS-750(SS01)	220	160	340	5.1	100
QDXSS-900(SS01)	220	160	340	5.7	100
QDXSS-1100(SS01)	220	160	340	6.3	100
QDXSS-300(SS02)	220	180	340	4.0	100
QDXSS-400(SS02)	220	180	340	4.2	100
QDXSS-550(SS02)	230	180	340	4.8	100
QDXSS-750(SS02)	220	180	370	5.4	100
QDXSS-900(SS02)	220	180	370	6.0	100
QDXSS-1100(SS02)	220	180	370	6.6	100

SISTEMA®

MATERIALS TABLE

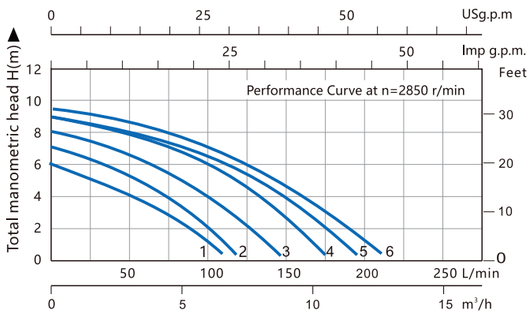




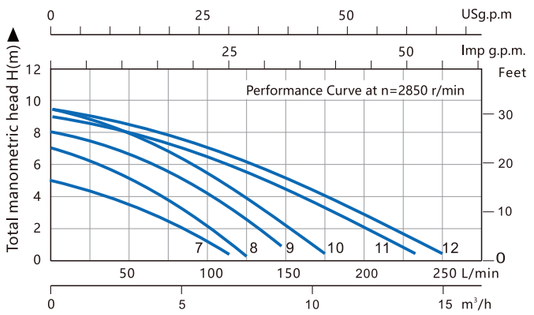
NO.	DESCRIPTION	NO.	DESCRIPTION
1	Pump cover	12	Ball bearing
2	Float switch	13	Rotor
3	Upper cover	14	Connector
4	Capactior	15	Connector
5	Upper plate		
6	Pump base		
7	Diffuser		
8	Impeller		
9	Mechanical seal		
10	Pump support		
11	Stator		

NO.	DESCRIPTION	NO.	DESCRIPTION
1	Handle	12	O-ring
2	Cable	13	Canister
3	Pump body	14	Lip seal
4	Roof	15	Retainer ring
5	Jacket	16	Pump support
6	O-ring	17	Impeller
7	Pump body	18	Nut
8	Capacitor	19	Bearing
9	Float switch	20	Rotor
10	Upper cover	21	Lip seal
11	Stator	22	Bearing base

HYDRAULIC PERFORMANCE CURVES



1.QDXSS-300(SS01) 2.QDXSS-400(SS01) 3.QDXSS-550(SS01)
4.QDXSS-750(SS01) 5.QDXSS-900(SS01) 6.QDXSS-1100(SS01)



7.QDXSS-300(SS02) 8.QDXSS-400(SS02) 9.QDXSS-550(SS02)
10.QDXSS-750(SS02) 11.QDXSS-900(SS02) 12.QDXSS-1100(SS02)

DPS Series

SUBMERSIBLE PUMP
ALUMINUM CASE

APPLICATION

- Rural wells water pumping
- Farming irrigation and drainage
- Garden watering and family households
- Construction, aquaculture,fish ponds,ect

FEATURES

- Cast iron pump body,aluminum motor casing
- Copper winding
- Built-in thermal protector
- Stainless steel shaft
- Double-end Mechanical seal
- Stainless steel filter

PUMP

- Max. immersion depth: 5 m
- Max. liquid temperature: +40°C
- Liquid PH level from 6.5-8
- Maximum sand content is 0.1%-passage of suspended solids up to 0.2mm.
- Insulation class: F
- Ingress protection: IP68

IDENTIFICATION CODES

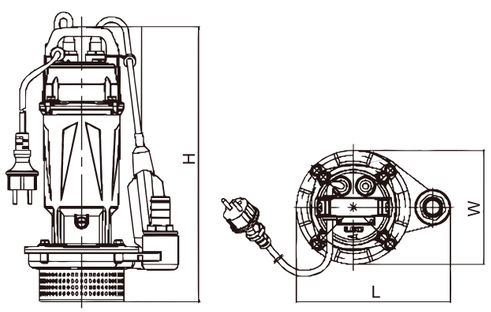
DPS 10-10-0.55 L A

- A — Automatic Opreation with Float Switch
- L — Aluminum Shell
- 0.55 — Power(kW)
- 10 — Rated Head(m)
- 10 — Rated Flow (m^3/h)
- DPS — Model code

TECHNICAL DATA (220~240V/50Hz)

Model	Single-phase Motor																				
	Q(m^3/h)	0	1.5	3	4.5	6	7.5	9	10.5	12	13.5	15	16.5	18	19.5	21	22.5	24	25.5	27	28.5	30
	Q(l/min)	0	25	50	75	100	125	150	175	200	225	250	275	300	325	350	375	400	425	450	475	500
DPS10-10-0.55LA		13.2	13.2	13.2	13	12.7	12	11	10	9.2	7.5	6	-	-	-	-	-	-	-	-	-	-
DPS15-7-0.55LA	H	8.6	8.5	8.5	8.4	8.3	8.3	8.3	8.2	7.8	7.4	7	6.3	5.8	4.9	4.1	3.2	2.2	-	-	-	-
DPS15-10-0.75LA	(m)	12.1	12.1	12	11.9	11.8	11.7	11.6	11.4	11.2	10.9	10.6	10	9.5	8.9	8.2	7.7	7.2	5.7	4.9	4.2	3.4
DPS25-6-0.75LA		10.6	10.6	10.5	10.4	10.4	10.3	10.1	9.9	9.7	9.5	9.3	9	8.6	8.2	7.2	6.7	6.1	5.5	4.3	3.2	-

Other voltages and frequencies available on request.



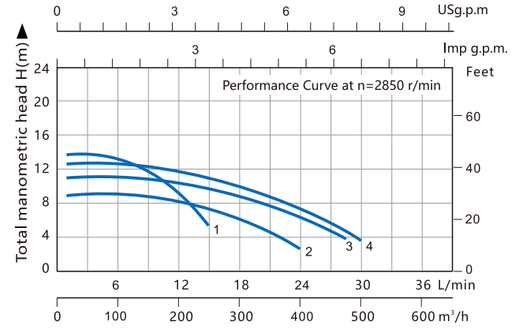
OVERALL & INSTALLATION DIMENSIONS

Model	Dimensions (mm)			
	Outlet	L	W	H
DPS10-10-0.55LA	ø40	215	152	375
DPS15-7-0.55LA	ø50	237	160	396
DPS15-10-0.75LA	ø65	237	166	396
DPS25-6-0.75LA	ø[illegible]	248	162	396

SISTEMA®

MATERIALS TABLE

HYDRAULIC PERFORMANCE CURVES



1.DPS10-10-0.55LA 2.DPS15-7-0.55LA
3.DPS15-10-0.75LA 4.DPS25-6-0.75LA

NO.	DESCRIPTION
1	Filter
2	Pump body
3	Sealing ring
4	Impeller
5	Cylinder head
6	Outlet connector
7	Mechanical Seals
8	Stator
9	Cable
10	Handle
11	Float switch
12	Top cover
13	Capacitance
14	sealing ring
15	Upper Cover
16	Bearing
17	Rotor

PACKAGE INFORMATION

Model	Package dimensions & G.W. (mm)				MOQ Kraft carton
	L	W	H	kg	pcs
DPS10-10-0.55LA	415	230	205	10.5	100
DPS15-7-0.55LA	420	280	215	11	100
DPS15-10-0.75LA	420	280	215	12.5	100
DPS25-6-0.75LA	420	280	215	13	100

V Series

SUBMERSIBLE SEWAGE PUMP

OPERATING CONDITIONS

- Liquid temperature up to 60°C
- Ambient temperature up to 40°C
- Total suction lift up to 9m
- Continuous duty

PUMP

- Pump Body: Cast Iron / Stainless Steel
- Impeller: Cast Iron / Stainless Steel
- Mechanical Seal: Carbon / Ceramic / Stainless Steel
- Float Switch: With/Without

MOTOR

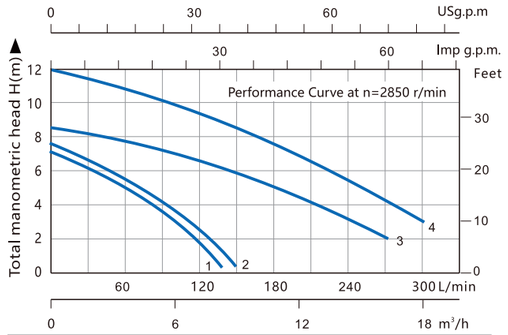
- Single Phase
- Heavy Duty Continuous Work
- Shaft: Stainless Steel
- Insulation: Class B / Class F
- Protection: IP68
- Water Cooling

IDENTIFICATION CODES

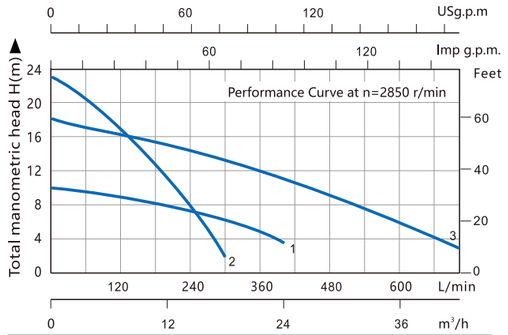
V T 1100(F D)

- D: With cutter
- F: With float switch
- 1100: Power(W)
- T: Three Phase Motor (Omitted for single-phase motor)
- V: Product Style

HYDRAULIC PERFORMANCE CURVES



1.V180(F) 2.250(F) 3.V450(F) 4.V750(F)



1.V1100(FD) 2.V1500(FD) 3.V2200(FD)

TECHNICAL DATA (220~240V/50Hz)

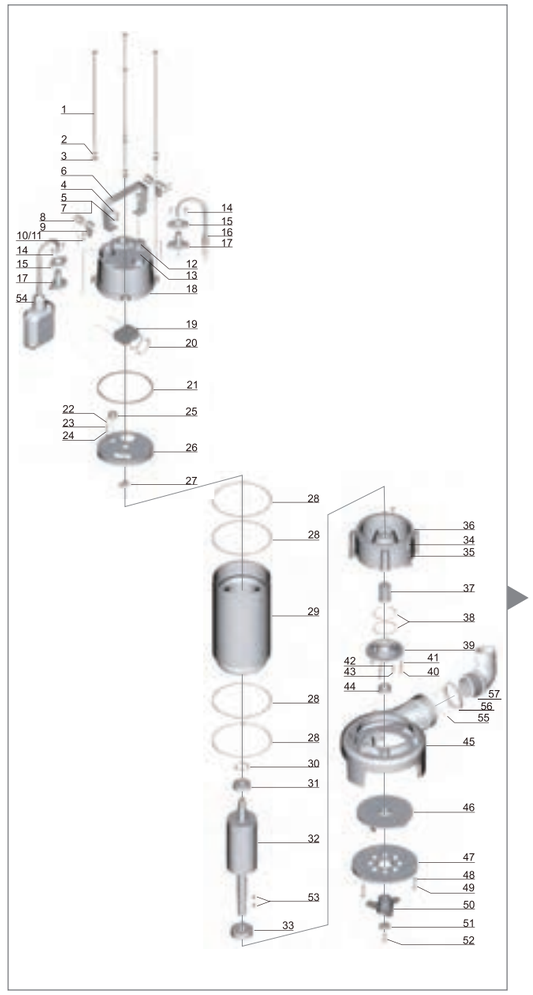
Model	Power		Voltage	Capacity	Max. Head	Outlet diameter
	kW	HP	V	L/min	m	mm
V180(F)	0.18	0.25	220	133	7.0	40
V250(F)	0.25	0.33	220	150	7.5	40
V450(F)	0.45	0.6	220	275	8.5	50
V750(F)	0.75	1.0	220	300	12	50

Model	Power		Voltage	Capacity	Max. Head	Outlet diameter
	kW	HP	V	L/min	m	mm
V1100(FD)	1.1	1.5	220	400	10	50
V1500(FD)	1.5	2	220	300	23	50
V2200(FD)	2.2	3	220	700	18	75

Other voltages and frequencies available on request.

SISTEMA®

MATERIALS TABLE



NO.	DESCRIPTION	NO.	DESCRIPTION
1	Bolt	30	Undulated washer
2	Stretching washer	31	Ball bearing
3	Washer	32	Rotor
4	Bolt	33	Ball bearing
5	Washer	34	Screw
6	Handle	35	Washer
7	Nut	36	Connection part
8	Protector	37	Mechanical seal
9	Cable presser	38	O-ring
10	Washer	39	Oil chamber cover
11	Screw	40	Screw
12	Bolt	41	Washer
13	O-ring	42	O-ring
14	Screw	43	Screw
15	Flange	44	Oil seal
16	Cable	45	Pump body
17	Cable protector	46	Impeller
18	Capacitor cover	47	Shredding ring
19	Capacitor	48	Washer
20	O-ring	49	Bolt
21	Rubber washer	50	Radial cutter
22	Screw	51	Washer
23	Stretching washer	52	Screw
24	Washer	53	Key
25	Line protector	54	Float switch
26	Motor cover	55	O-ring
27	Thermal protector	56	Connection nut
28	O-ring	57	Out-let connector
29	Motor stator		

PACKAGE INFORMATION

Model	Package dimensions & G.W. (mm)				MOQ Kraft carton
	L	W	H	kg	pcs
V180(F)	185	180	360	8.5	100
V250(F)	185	180	380	9.5	100
V450(F)	255	195	525	17.5	100
V750(F)	265	200	525	19.5	100
V1100(FD)	245	295	590	23.5	100
V1500(FD)	265	360	600	24	100
V2200(FD)	265	360	600	33	100

IGP Series

GASOLINE ENGINE WATER PUMP

2~4 inch

FEATURES:

- Powered by 4-stroke engine
- OHV design ensures the lower fuel consumption
- Full frame protection offers exceptional performance even in the toughest conditions
- Easy maintenance
- Meets a wide range of applications
- High pressure casting aluminum alloy pump body
- Vibration-proof and compact design

OPTIONAL:

- Oil alert

IDENTIFICATION CODES

IGP — Product Style

20 — Two inch

TECHNICAL DATA

MODEL		IGP20	IGP30	IGP30B	IGP40
Pump	Type	Self-priming,Centrifugal Pump			
	Suction/Dischcity Port Diamm(in)	50(2")	80(3")	80(3")	100(4")
	Cont.Head(m)	30	28	30	26
	Max.Suction Head(m)	8			
	Cont.Capacity(m^3 /h)	22	26	30	40
	Fuel Tank Capacity(L)	3.6	3.6	3.6	6.0
	Continuous Runing Time(h)	3	2.6	2.4	2.2
Engine	Type	Single-cylinder, 4-stroke, air-cooled, OHV			
	Model	GE168	GE168	GE168-2	GE177
	Max. output (HP)	5.5	5.5	6.5	9.0
	Displacement (cc)	163	163	196	270
	Starting system	Recoil			
Package	Dimension (mm)	485×380×385	530 ×390 ×430		630×500×585
	N.W/G.W (kg)	27 / 29	32 / 34		49 / 51
	Qty/20' FCL (sets)	420	200 / 150		160

IGPH Series

GASOLINE ENGINE HIGH PRESSURE WATER PUMP

1.5~2 inch

FEATURES:

- Powered by 4-stroke engine
- OHV design ensures the lower fuel consumption
- Full frame protection offers exceptional performance even in the toughest conditions
- High pressure casting aluminum alloy pump body
- Vibration-proof and compact design
- Water can be delivered further and higher
- Twin impeller design
- High output and high pressure
- Unsurpassed torque and fuel efficiency
- Up to 50% more available pressure

OPTIONAL:

- Oil alert

IDENTIFICATION CODES

IGPH — Product Style

20 — Two inch

TECHNICAL DATA

MODEL		IGPH15	IGPH20
Pump	Type	High-pressure Pump	
	Suction/Dischcity Port Diamm(in)	40(1.5")	50(2")
	Cont.Head(m)	65	55
	Max.Suction Head(m)	7	
	Cont.Capacity(m^3 /h)	16	20
	Fuel Tank Capacity(L)	3.6	
	Continuous Runing Time(h)	2.4	2.2
Engine	Type	Single-cylinder, 4-stroke, air-cooled, OHV	
	Model	GE168-2	
	Max. output (HP)	6.5	
	Displacement (cc)	196	
	Starting system	Recoil	
Package	Dimension (mm)	530×390×430	
	N.W/G.W (kg)	28 / 30	30 / 32
	Qty/20' FCL (sets)	300	

IDP Series

DIESEL ENGINE WATER PUMP

2~4 inch

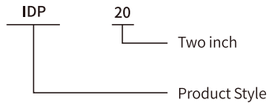
FEATURES:

- Powered by 4-stroke engine
- OHV design ensures the lower fuel consumption
- Full frame protection offers exceptional performance even in the toughest conditions
- Easy maintenance
- Easy and fast starting
- High pressure casting aluminum alloy pump body
- Light weight and compact design

OPTIONAL:

- Electric starter
- Oil alert

IDENTIFICATION CODES



TECHNICAL DATA

MODEL		IDP20	IDP30	IDP30B	IDP40
Pump	Type	Self-priming,Centrifugal Pump			
	Suction/Dischcity Port Diamm(in)	50(2")	80(3")	80(3")	100(4")
	Cont.Head(m)	28	24	26	22
	Max.Suction Head(m)	8			
	Cont.Capacity(m^3/h)	22	26	30	40
	Fuel Tank Capacity(L)	2.5/12.5	2.5/12.5	3.5/12.5	5.5/12.5
	Continuous Runing Time(h)	3/13	2.8/12	2.5/9	2.2/6.5
Engine	Type	Single-cylinder, 4-stroke, air-cooled, OHV			
	Model	DE170FA	DE170FA	DE178FA	DE186FA
	Max. output (HP)	4.2	4.2	6.0	9.6
	Displacement (cc)	219	219	306	418
	Starting system	Recoil/Electric			
Package	Dimension (mm)	470×410×480 480×470×515	560×450×530 550×470×620		635×480×590 635×480×685
	N.W/G.W (kg)	38/41 41/44	43/45 44/47	46/48 49/52	67/69 67/69
	Qty/20' FCL (sets)	270 / 240	200 / 150		126 / 126

IDPH Series

DIESEL ENGINE HIGH PRESSURE WATER PUMP

1.5~2 inch

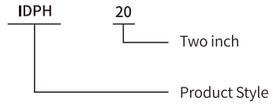
FEATURES:

- Powered by 4-stroke engine
- OHV design ensures the lower fuel consumption
- Full frame protection offers exceptional performance even in the toughest conditions
- Vibration-proof and compact design
- Water can be delivered further and higher
- Twin impeller design
- High output and high pressure
- Unsurpassed torque and fuel efficiency
- Up to 50% more available pressure

OPTIONAL:

- Electric starter
- Oil alert

IDENTIFICATION CODES



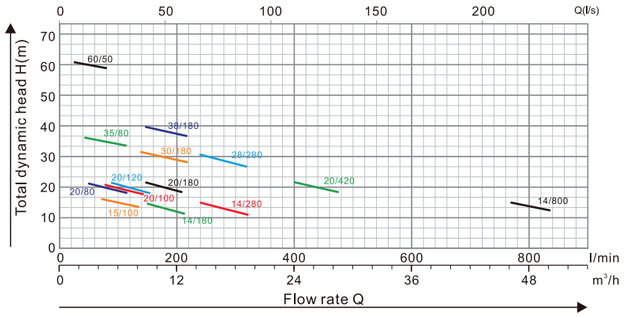
TECHNICAL DATA

MODEL		IDPH15	IDPH20
Pump	Type	High-pressure Pump	
	Suction/Dischcity Port Diamm(in)	40(1.5")	50(2")
	Cont.Head(m)	65	55
	Max.Suction Head(m)	7	
	Cont.Capacity(m^3/h)	16	20
	Fuel Tank Capacity(L)	3.5	
	Continuous Runing Time(h)	2.5	2.5
Engine	Type	Single-cylinder, 4-stroke, air-cooled, OHV	
	Model	DE178FA	
	Max. output (HP)	6.5	
	Displacement (cc)	306	
	Starting system	Recoil/Electric	
Package	Dimension (mm)	560×450×530	
	N.W/G.W (kg)	46/48	48 / 50
	Qty/20' FCL (sets)	200	

IDP Series

DIESEL ENGINE PUMP SETS

HYDRAULIC PERFORMANCE CURVES



The diesel engine drive water pump set is a new type designed by ourselves. It is driven by diesel engine through flexible coupling has the advantages of neoteric construction, high efficiency, good anti-cavitation Characteristics, small vibration, low noises, reposeful and reliable operation, convenient installation and uninstallation, etc.

It is used to deliver clean water of a temperature below 80℃ or any other liquid with similar physical and chemical properties as those of water. Mainly used in fire fighting systems, water works, architectural water supply, irrigations, drainage pump station, power stations, industrial water supply systems, shipping industries, mine drainage and petrochemical, metallurgical industries etc liquid transporting oeeasions.

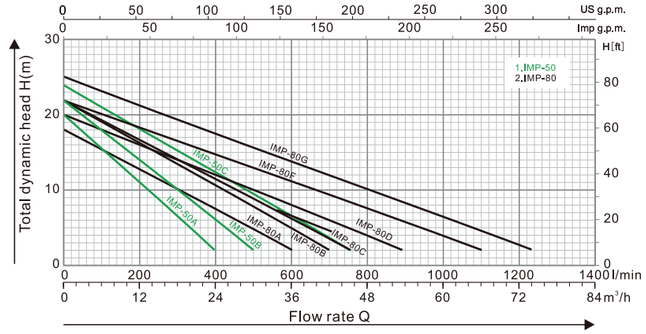
TECHNICAL DATA (220~240V/50Hz)

TYPE	Capacity (m^3/h)	Total Head (m)	Pipe (inch)	Speed (r/min)	Pump Model	Diesel Engine Model
IDP35/80	80	35	3"	3000	ZW80-80-35	4122B-SB
IDP60/50	50	60	3"	3000	ZW80-50-60	4122B-SB
IDP15/100	100	15	4"	1500	ZW100-100-15	4122B-SB1
IDP20/80	80	20	4"	1500	ZW100-80-20	4122B-SB1
IDP20/100	100	20	4"	1500	ZW200-100-20	4122B-SB1
IDP20/120	120	20	5"	1500	ZW125-120-20	4122B-SB1
IDP14/180	180	14	6"	1500	ZW150-180-14	4122B-SB1
IDP20/180	180	20	6"	1500	ZW150-180-20	4122B-SB1
IDP30/180	180	30	6"	1500	ZW150-180-30	495AD
IDP38/180	180	38	6"	1500	ZW150-180-38	4110ZD
IDP14/280	280	14	8"	1500	ZW200-280-14	495AD
IDP28/280	280	28	8"	1500	ZW200-280-28	4110ZD
IDP20/420	420	20	10"	1500	ZW250-420-20	4110ZD
IDP14/800	800	14	12"	1500	ZW300-800-14	4110ZD

IMP Series

MOTOR DRIVEN SLUDGE WATER PUMP

HYDRAULIC PERFORMANCE CURVES



ADVANTAGES

The pumps are particularly suitable for agriculture applications. We supply both powered with electric motor, they have a compact size and are extremely reliable, very simple to use.

FEATURES

- Pump body: Aluminum alloy
- Impeller: Cast iron
- Motor: Closed, externally ventilated
- Insulation class: B(Class F if required)
- Protection class: IP44/IP54
- Duty: Continuously rated
- Mechanical seal: Φ20, Φ25 ceramic steatite/graphite
- Shaft: Stainless steel AISI 420

TECHNICAL DATA (220~240V/50Hz)

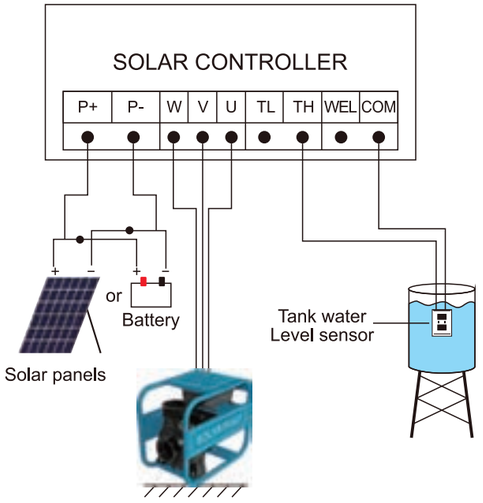
TYPE	Power		Ampere		R.P.M	Q.Max (l/min)	H.Max (m)	S.Head (m)	Pipe Dia	L×W×H (mm)	N.W (kg)
	HP	KW	1~220V	3~380V							
IMP-50A/T	2	1.5	9.6	3.5		400	20				21.6
IMP-50B/T	2.5	1.85	11	4.3		500	22		2"×2"	550×320×420	22.3
IMP-50C/T	3	2.2	13.5	5		750	24				23.2
IMP-80A/T	2.5	1.85	11	4.3		600	18				22.6
IMP-80B/T	3	2.2	13.5	5	2850	700	22	9			23.6
IMP-80C/T	4	3	13.5	5		750	22		3"×3"	630×350×450	28.5
IMP-80D/T	5.5	4	28	8.5		900	20				31.2
IMP-80F/T	7.5	5.5	-	11		1100	22				34.3
IMP-80G/T	10	7.5	-	15		1270	25				43.0

Single phase 220V/50Hz as default. Tri-phase is 220/380V/50Hz. other voltages and frequencies are available on request.

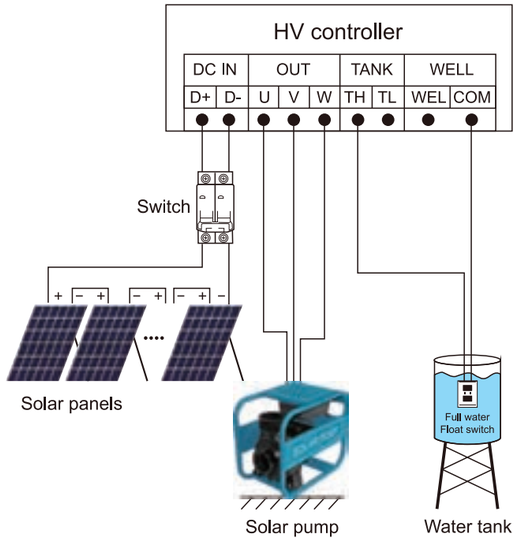
SOLAR SURFACE PUMP

ENVIRONMENTAL PROTECTION AND ENERGY SAVING

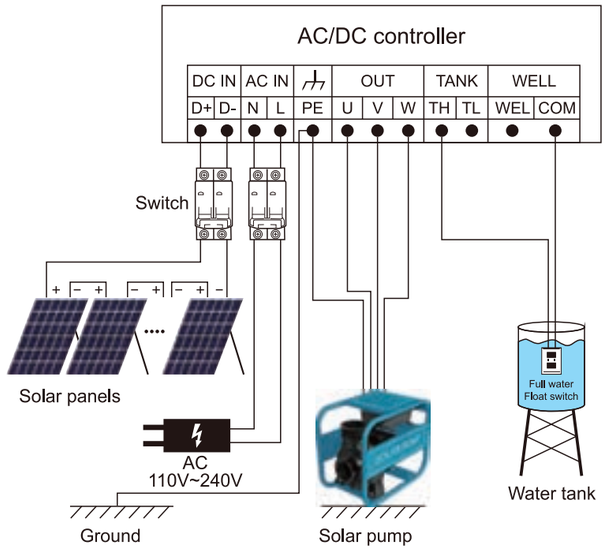
SISTEMA



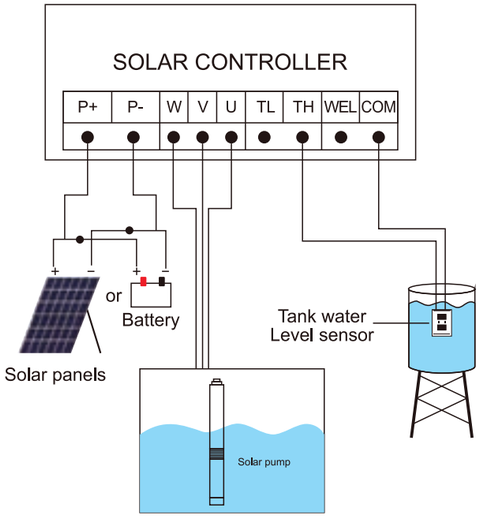
DC:12-110V



DC:80-430V



AC:85-280V
DC:80-430V



DC:12-110V

CPM/CPM-A/D
CPM-HV

DC & AC/DC & WIDE VOLTAGE BRUSHLESSCENTRIFUGAL SOLAR PUMP

DC controller

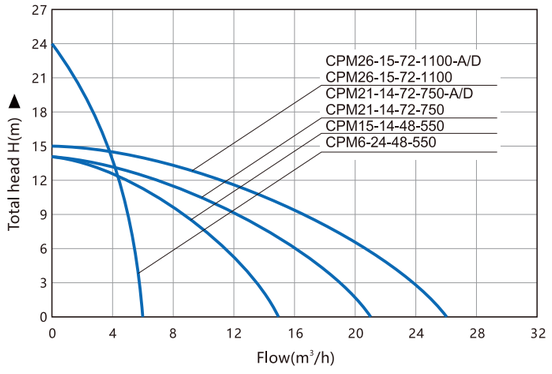
AC/DC auto-switching controller (≤2.2KW)

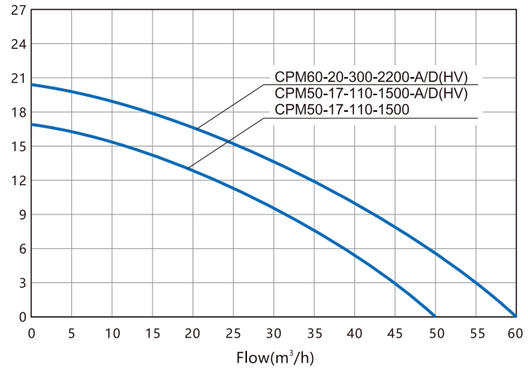
TECHNICAL DATA

ITEM	Voltage	Optimum input voltage (DC)	Power (W)	Max.Flow	Max.Head	Outlet	Cable	Solar panel	
								Open circuit voltage(VOC)	Power
CPM6-24-48-550	48V	60V-90V	550	6m³/h	24m	1"	0.6m	<105V	≥1.3*PUMP POWER
CPM15-14-48-550	48V	60V-90V	550	15m³/h	14m	1.5"	0.6m	<105V	≥1.3*PUMP POWER
CPM21-14-72-750	72V	90V-120V	750	21m³/h	14m	2"	0.6m	<160V	≥1.3*PUMP POWER
CPM26-15-72-1100	72V	90V-120V	1100	26m³/h	15m	2"	0.6m	<160V	≥1.3*PUMP POWER
CPM50-17-110-1500	110V	110V-150V	1500	50m³/h	17m	3"	0.6m	<210V	≥1.3*PUMP POWER

ITEM	Voltage	Optimum input voltage (DC)	Power (W)	Max.Flow	Max.Head	Outlet	Cable	Solar panel	
								Open circuit voltage(VOC)	Power
CPM21-14-72-750-A/D	85V-280V	80V-430V	750	21m³/h	14m	2"	0.6m	<430V	≥1.3*PUMP POWER
CPM26-15-72-1100-A/D	85V-280V	80V-430V	1100	26m³/h	15m	2"	0.6m	<430V	≥1.3*PUMP POWER
CPM50-17-110-1500-A/D	85V-280V	80V-430V	1500	50m³/h	17m	3"	0.6m	<430V	≥1.3*PUMP POWER
CPM50-17-110-1500-HV	/								
CPM60-20-300-2200-A/D	85V-280V	80V-430V	2200	60m³/h	20m	4"	0.6m	<430V	≥1.3*PUMP POWER
CPM60-20-300-2200-HV	/								

HYDRAULIC PERFORMANCE CURVES





QB/QB-A/D
IP/IP-A/D

SISTEMA

DC AND AC/DC BRUSHLESS SURFACESOLAR PUMP

YDQ

IP

DC controller

AC/DC auto-switching controller (≤2.2KW)

TECHNICAL DATA

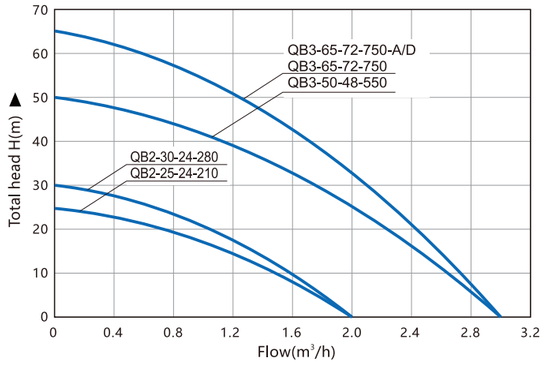
ITEM	Voltage	Optimum input voltage (DC)	Power (W)	Max.Flow	Max.Head	Outlet	Cable	Solar panel	
								Open circuit voltage(VOC)	Power
QB2-25-24-210	24V	30V-48V	210	2m³/h	25m	1x1"	2m	<55V	≥1.3*PUMP POWER
QB2-30-24-280	24V	30V-48V	280	2m³/h	30m	1x1"	2m	<55V	≥1.3*PUMP POWER
QB3-50-48-550	48V	60V-90V	550	3m³/h	50m	1x1"	2m	<105V	≥1.3*PUMP POWER
QB3-65-72-750	72V	90V-120V	750	3m³/h	65m	1x1"	2m	<160V	≥1.3*PUMP POWER

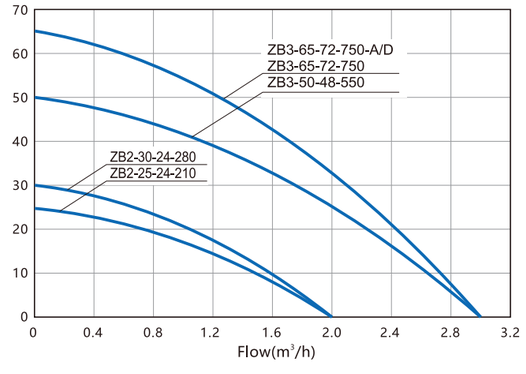
ITEM	(AC) Voltage	(DC) Voltage	Power (W)	Max.Flow	Max.Head	Outlet	Cable	Solar panel	
								Open circuit voltage(VOC)	Power
QB3-65-72-750-A/D	85V-280V	80V-430V	750	3m³/h	65m	1x1"	2m	<430V	≥1.3*PUMP POWER

ITEM	Voltage	Optimum input voltage (DC)	Power (W)	Max.Flow	Max.Head	Outlet	Cable	Solar panel	
								Open circuit voltage(VOC)	Power
IP2-25-24-210	24V	30V-48V	210	2m³/h	25m	1x1"	2m	<55V	≥1.3*PUMP POWER
IP2-30-24-280	24V	30V-48V	280	2m³/h	30m	1x1"	2m	<55V	≥1.3*PUMP POWER
IP3-50-48-550	48V	60V-90V	550	3m³/h	50m	1x1"	2m	<105V	≥1.3*PUMP POWER
IP3-65-72-750	72V	90V-120V	750	3m³/h	65m	1x1"	2m	<160V	≥1.3*PUMP POWER

ITEM	(AC) Voltage	(DC) Voltage	Power (W)	Max.Flow	Max.Head	Outlet	Cable	Solar panel	
								Open circuit voltage(VOC)	Power
IP3-65-72-750-A/D	85V-280V	80V-430V	750	3m³/h	65m	1x1"	2m	<430V	≥1.3*PUMP POWER

HYDRAULIC PERFORMANCE CURVES





SPARE PARTS & ACCESSORIES

FLOAT

Float Controller Type 1(YDF-1)

Float Controller Type 2(YDF-2)

Float Controller Type 3(YDF-3)

Float Controller Type 4(YDF-4)

Float Controller Type 5(YDF-5)

Float Type: Type 1,2,3,4,5 as above corresponding
Cable length:0.5m, 1m,2m~ as customized
Cable size: 3x0.75 mm^2 , 3x1 mm^2

Note: when you placing the order, pls let us know the length of cable, size of cable, and the type of float.

CABLE & PLUG

100%

100% Pure Copper To Build

LEADING TECHNOLOGY

We are very dedicated in the production of each wire,from the material selection,to the process of improvement,each of our steps,are to make our cable to become the benchmark for the industry.

1 ADEQUATE SQUARE
ADEQUATE CORE
NOT ECCENTRIC

With enough material,core sufficient,each of the quality is very good, bright colors,not eccentric.Focus on the quality of the release of the foundation.

2 FULL METER

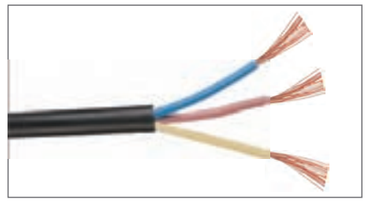
Take the long-term route,informal in front of the interests of the number of meters,so that customers have to be comfortable.

3 REALLY "CORE"
IS NOT AFRAID OF FIRE

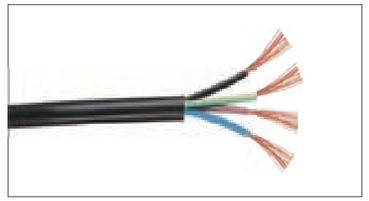
Pure oxygen-free copper,copper is not afraid of fire.PVC insulation,refractory non-combustible environmental protection materials.

SISTEMA®

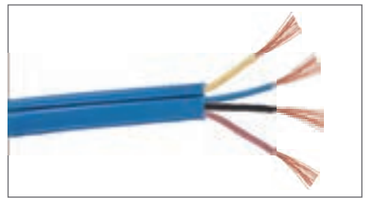
PVV Cable



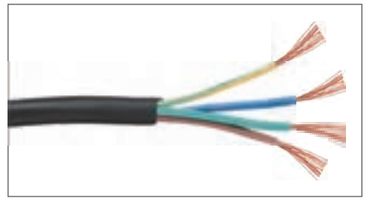
RVVB Cable



YZB Cable

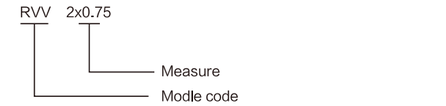


YCW Cable



Instructions:

· Customized setting



Model	Cable length	Specification	Cable Type
RVV2x0.75	Customized	2x0.75mm²	H05VV-F
RVV2x1	Customized	2x1.0mm²	H05VV-F
RVV2x1.5	Customized	2x1.5mm²	H05VV-F
RVV2x2.5	Customized	2x2.5mm²	H05VV-F
RVV3x0.75	Customized	3x0.75mm²	H05VV-F
RVV3x1	Customized	3x1.0mm²	H05VV-F
RVV3x1.5	Customized	3x1.5mm²	H05VV-F
RVV3x2.5	Customized	3x2.5mm²	H05VV-F
RVV4x0.75	Customized	3x0.75mm²	H05VV-F
RVV4x1	Customized	3x1.0mm²	H05VV-F
RVV4x1.5	Customized	3x1.5mm²	H05VV-F
RVV4x2.5	Customized	3x2.5mm²	H05VV-F
YZW3×0.75	Customized	3x0.75mm²	H05RN-F
YZW3×1	Customized	3x1.0mm²	H05RN-F
YCW2×1.5	Customized	2x1.5mm²	H07RN-F
YCW3×1	Customized	3x1.0mm²	H07RN-F
YCW3×4	Customized	3x4.0mm²	H07RN-F
YCW3×10	Customized	3x10.0mm²	H07RN-F
YCW4×2.5	Customized	4x2.5mm²	H07RN-F
YCW4×6	Customized	4x6.0mm²	H07RN-F
YCW4×25	Customized	4x25.0mm²	H07RN-F

French Plug VDE

French Plug VDE

South Africa Plug

South Africa Plug

UK Plug BS

UK Plug BS

USA Plug UL

USA Plug UL

Germany Plug

Australia Plug SAA

SPARE PARTS & ACCESSORIES

PRESSURE TANK

V-Series

VT-Series

VF-Series

H-Series

HS-Series

Remarks:stainless steel tanks are available upon customer's request.

Membrance Material:

- Nature Rubber (0℃~70℃)
- Nitrile Rubber (0℃~70℃)
- EPDM(0℃~120℃)

V – 8L
- 8L: Capacity
- V: Model code

T VERTICAL PRESSURE TANK

Model	Working pressure (bar)	Thickness	Diameter (mm)	Hight (mm)	Connection	Packing size (cm)	Membrance material
V-8L	6	0.8mm	200	328	1"	20x20x35	Natural rubber
V-19L	6	0.8mm	270	395	1"	28x28x41	Natural rubber
V-24L	6	0.8mm	270	460	1"	28x28x46	Natural rubber

VT VERTICAL PRESSURE TANK

Model	Working pressure (bar)	Thickness	Diameter (mm)	Hight (mm)	Connection	Packing size (cm)	Membrance material
VT-36L	6	1.0mm	350	600	1"	35x35x62	Natural rubber
VT-50L	6	1.0mm	350	710	1"	35x35x71	Natural rubber
VT-60L	6	1.0mm	380	800	1"	39x39x81	Natural rubber
VT-80L	6	1.0mm	450	750	1"	45x45x76	Natural rubber
VT-100L	6	1.0mm	450	835	1"	45x45x84	Natural rubber

VF Flat PRESSURE TANK

Model	Working pressure (bar)	Thickness	Diameter (mm)	Hight (mm)	Connection	Packing size (cm)	Membrance material
VF-23L	6	1.0mm	330	340	1"	33x33x34	Natural rubber
VF-24L	6	1.0mm	350	325	1"	35x35x32.5	Natural rubber

H HORIZONTAL PRESSURE TANK

Model	Working pressure (bar)	Thickness	Diameter (mm)	Hight (mm)	Connection	Packing size (cm)	Membrance material
H-19L	6	0.8mm	395	292	1"	41x28x31	Natural rubber
H-24L	6	0.8mm	460	292	1"	46x28x31	Natural rubber
H-50L	6	1.0mm	545	375	1"	55x36x38	Natural rubber
H-60L	6	1.0mm	645	408	1"	64.5x38.5x41.5	Natural rubber
H-80L	6	1.0mm	600	470	1"	60x46x48	Natural rubber
H-100L	6	1.0mm	685	470	1"	69x46x48	Natural rubber

Note: if need EPDM,NBR membrance, pls tell our sales. tks.

WATER FLOW SWITCH

Feature:

1.Steady:Use the separated rooms for induction components.Magnet controllers and electronic components to avoid the damage caused by the absorbed iron particles.
2.Hi-temperature resistant:Hi-temperature resistant material ensure the normal work in both hot and cold medium.
3.Low pressure:The spring made by selected stainless steel.
4.Safety:All electronic controllers keep the spark away.

Technical data:

- Municipal water or similar liquid.
- Pressure:≤0.6Mpa
- Temperature:≤100℃

HT – 60
- 60: Power (W)
- HT: Product Code

Model	Inlet connection thread	Outlet connection thread	Voltage (V)	Current (A)	PCS/ CTN	Weight (kg)	Size (cm)
HT-60	3/4"	1/2"	220V	0.5A	100	15.8	35.5×21.5×26
HT-60	3/4"	3/4"	220V	0.5A	100	18.6	41×23.5×26
HT-60	1"	3/4"	220V	0.5A	100	21.2	41×23.5×26
HT-120	3/4"	1/2"	220V	1A	100	16	35.5×21.5×26
HT-120	3/4"	3/4"	220V	1A	100	18	41×23.5×26
HT-120	1"	3/4"	220V	1A	100	22.2	41×23.5×26
HT-200	3/4"	1/2"	220V	2.5A	50	8.4	32×24×19
HT-200	3/4"	3/4"	220V	2.5A	50	10	32×24×19
HT-200	1"	3/4"	220V	2.5A	50	11.5	32×24×19
HT-200	1"	1/2"	220V	2.5A	100	21.2	41×23.5×26
HT-300	3/4"	3/4"	220V	4A	50	9.8	32×24×19
HT-300	1"	3/4"	220V	4A	50	12.6	32×24×19
HT-800	1"	1"	220V	6A	50	13	41.5×24.5×16
HT-Z400	/	/	220V	4A	50	21.2	67×28×33
HT-Z800	/	/	220V	4A	50	29.2	67×30×40
HT-Z1500	/	/	220V	4A	50	33.7	67×37.5×38.5

SPARE PARTS & ACCESSORIES

PRESSURE SWITCH

YDS-3B (PW-01)

YDS-3A (PW-02)

YDS-3AT (PW-02T)

YDS-5A/5B (PW-04/05)

YDS-2B (PW-03)

YSD-9 (PW-06)

Feature:

· Pressure switch can be widely used for pumps, can keep the water pressure stable, can start/stop the pump automatically according to the pressure setting.
· Flame(-)retardant plastic,silver alloy contact point,steady performance, high quality,adjustable pressure,easy installation,nice appearance.

YDS - 1
- Model number
- Model code

Model	Rated voltage	Frequency	Pressure range	Pressure setting	Maximum current	Connection	Maximum liquid temperature	PCS/CTN	Package Size (cm)	N.W/G.W (kg)
YDS-5A/5B (PW-04/05)	AC250V	50/60Hz	15PSI/80PSI	20-40PSI 30-50PSI 40-60PSI	16A	NPT 1/4"	55℃	50	45X31X21	16/18
YDS-3A/3AT (PW-02/02T)	AC250V	50/60Hz	0.8bar/3.5bar	0.8-1.6bar 1.0-1.8bar 1.5-2.2bar	10(4)A	G1/4" G3/8"	55℃	100	52X26.5X19	17/19
YDS-3B (PW-01)	AC250V	50/60Hz	0.8bar/3.5bar	0.8-1.6bar 1.0-1.8bar 1.5-2.2bar	5A	G1/4" G3/8"	55℃	100	52X26.5X19	17/19
YDS-2B (PW-03)	AC250V	50/60Hz	0.8bar/5.0bar	20-40PSI 30-50PSI 40-60PSI	8A	NPT 1/4"	55℃	50	51X50X16	16.5/18.5
YSD-9 (PW-06)	AC250V	50/60Hz	15PSI/80PSI	20-40PSI 30-50PSI 40-60PSI	16(8)A	NPT 1/4"	55℃	50	54X34X23	19/21

Feature:

· Electric pressure control used in water systems.
· It can start the pumps automatically after the pressure decrease(taps opening)and stop pump when the fluid flow interrupts at the maximum pressure level of the electric pump(taps closed).
· Joint screw:G1"male.
· Completely replace traditional pump control system which is composed of pressure switch,pressure tank and check valve,etc.
· Stop the water pump in the case of water shortage.
· Customized setting.

YDS-10(YD-01)

PC-10

PC-19

YDS - 1
- Model code
- Model name abbreviation

YDS-12A

YDS-12B

YDS-13(YD-02)

YDS-15

Model	Rated voltage	Frequency	Maximum current / maximum power	Starting pressure	Maximum working pressure	Connection	Maximum liquid temperature	PCS/CTN	Package Size (cm)	N.W/G.W
YDS-10	AC250V	50/60Hz	10(6)A	1.2bar,1.5bar,2.2bar	10bar	R1"	60℃	12	56X48X36	16.5/18.5kgs
PC-10	AC250V	50/60Hz	10(6)A	1.2bar,1.5bar,2.2bar	10bar	R1"	60℃	12	58.5X54X36	18/20kgs
PC-19	AC250V	50/60HZ	10(6)A	1.5-2.2bar	10bar	G1"	60℃	12	60.5X47.5X23	13/15.5kgs
YDS-12A	AC250V	50/60Hz	10(6)A	1.5-3bar	10bar	G1"	60℃	12	52X44X28	12/15kgs
YDS-12B	AC250V	50/60HZ	10(6)A	1.2bar,1.5bar,2.2bar	10bar	R1"	60℃	12	52X44X28	12/15kgs
YDS-13	AC250V	50/60HZ	10(6)A	1.5/2.2bar	10bar	G1"	60℃	20	54X42X23	12/13kgs
YDS-15	AC250V	50/60HZ	10(6)A	1.5/2.2bar	10bar	G1"	60℃	20	54X42X23	12/13kgs

PRESSURE GAUGE

Model	Pressure range	Cover material	Connector material	Connection type	Connector size (G)	PCS/CTN	Weight (kg)	Size (cm)
G40	0-100PSI	iron	copper	axial	1/4"	300	18.8	44×29×24
G40	0-100PSI	iron	copper	The radial	1/4"	300	19.8	44×29×24
G40	0-180PSI	iron	copper	axial	1/8"	300	11.5	44×29×24
G50	0-180PSI	iron	copper	axial	1/4"	200	15.8	44×29×27
G50	0-180PSI	iron	copper	The radial	1/4"	200	16.8	44×29×27
G60	0-230PSI	iron	copper	The radial	1/4"	200	21.9	40×30×25
G68-006 fuel meter	0-350PSI	Stainless steel	copper	axial	1/4"	100	20.2	38×28×25
G68-006 fuel meter	0-350PSI	Stainless steel	copper	The radial	1/4"	100	21.2	38×28×25
G55-007 fuel meter	0-600PSI	Stainless steel	copper	axial	1/4"	100	19.1	38×28×25
G55-007 fuel meter	0-600PSI	Stainless steel	copper	The radial	1/4"	100	20.1	38×28×25
G45-008 fuel meter	0-100PSI	Stainless steel	copper	axial	1/4"	200	21.4	38×28×25
G45-008 fuel meter	0-100PSI	Stainless steel	copper	The radial	1/4"	200	22.4	38×28×25

Instructions:

· Pressure gauge can be used in air compressor, washing machine, water pump, filter valve, water pipe network pressure detection precautions
1. Pressure gauge can measure the stability of the pressure, the maximum working pressure should not exceed the range of 2/3 when using the pressure gauge to measure the high pressure, the maximum working pressure should not exceed the range of 3/5.
2. In order to ensure the accuracy of the measurement, the minimum working pressure should not be less than 1/3 of the range

G 68 - 006
- Product code
- Product diameter
- The abbreviation of the pressure gauge

SPARE PARTS & ACCESSORIES

PLASTIC BOTTOM VALVE

Feature:

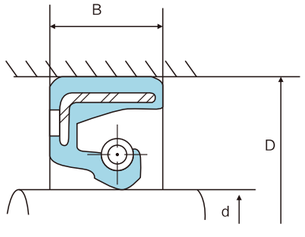
Material: PVC, CPVC
Size: 1/2 "–4"; 20mm–110mm; DN15–DN100
Standard: ANSI, DIN, JIS, CNS
Connect: socket
Working pressure: 150PSI
Operating temperature: PVC (0 ~ 55 ℃); CPVC (0 ~ 95 ℃)
Body color: PVC (dark gray / white), CPVC (light gray)

Model	Nominal diameter (mm)	PCS/CTN
1/2"	15	50
3/4"	20	50
1"	25	50
1–1/4"	32	50
1–1/2"	40	50
2"	50	50
2–1/2"	63	50
3"	75	50

SKELETON OIL SEAL

Feature:

Material opotions
*Nitrile rubber
*Viton



Model	Internal diameter(d)	External diameter(D)	Thickness (B)	PCS/CTN
10*26*7	10	26	7	50
12*26*4	12	26	4	50
12*24*4.5	12	24	4.5	50
12*26*4	12	26	4	50
13*30*5	13	30	5	50
14*28*7	14	28	7	50
14*28*7	14	28	7	50
14*30*7	14	30	7	50
16*24*5	16	24	5	50
16*30*7	16	30	7	50
16*30*7	16	30	7	50
18*30*10	18	30	10	50
18*35*10	18	35	10	50
20*35*7	20	35	7	50
20*40*10	20	40	10	50
20*40*8	20	40	8	50
24*44*10	24	44	10	50
25*40*7	25	40	7	50
25*44*10	25	44	10	50
28*50*10	28	50	10	50
30*45*8	30	45	8	50
30*50*10	30	50	10	50
30*52*8	30	52	8	50
30*52*10	30	52	10	50
30*55*8	30	55	8	50
30*55*10	30	55	10	50
40*62*8	40	62	8	50
50*70*8	50	70	8	50

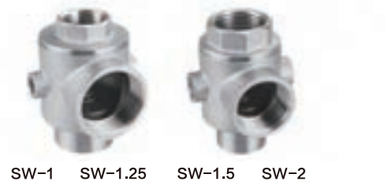
SISTEMA®

BRASS FITTINGS

Instructions:

· It is a indispensabe connection to the pressure tank, pressure gauge, pressure switch etc.
· BW series is made of Brass material come without valve.

· SW series Made of 304 stainless steel, comes with check valve, unique seal structure design and rubber material selection,this five–way structure is designed for variable frequency constant pressure water supply system,but also the pressure sensor, pressure tank, pressure gauge height integration, so that users get peace of mind with concise system.



BW –3C
- Actual available interface size
- Brass version

SW – 1
- The product of the inlet thread
- S.S version

Model	Texture of material	Total length (mm)	Inlet and outlet	Pressure gauge interface(G)	Switch interface (G)	PCS/CTN	Weight (kg)	Size(cm)
BW–3C	59	70	G1	/	/	100	16	42 × 27 × 18
BW–5C	59	80	G1	1/4	1/4	100	19	52 × 27 × 18
BW–5L	59	90	G1	1/4	1/4	100	20	52 × 27 × 20
SW–1	304	87	G1	1/4	1/4	20	13.2	36 × 16 × 21
SW–1.25	304	95.5	G1.25*G1	1/4	1/4	20	18.3	45 × 17.5 × 23
SW–1.5	304	102	G1.5*G1	1/4	1/4	20	23.58	48.5 × 19.2 × 24
SW–2	304	119	G2*G1	1/4	1/4	20	35.77	54.5 × 21.6 × 27.5

CONNECTION

P2 SERIAL OF CONNECTION

Model	Measures	PCS / CTN	Kg / CTN	DIM / CTN	Material
P2–1	1"	847	54	54 × 54 × 60	ABS
P2–1.5	1.5"	540	54	54 × 54 × 60	ABS
P2–2	2"	294	42	54 × 54 × 60	ABS
P2–3	3"	125	31.3	54 × 54 × 60	ABS
P2–4	4"	64	32	54 × 54 × 60	ABS
P2–6	6"	27	21.6	54 × 54 × 60	ABS

SPARE PARTS & ACCESSORIES

CONNECTION

Type A　　Type B

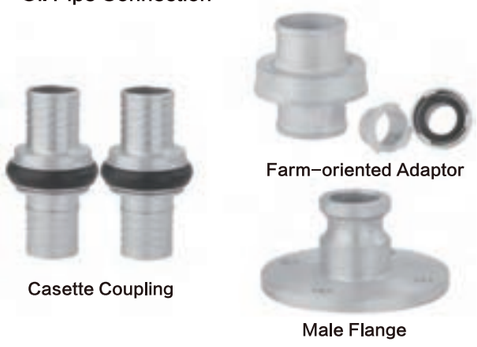
Type C　　Type D

Aluminum Connection

- High-strength aluminum alloy materials.
- Save time and labor, facilitate convergence.
- Sealed,high strength,corrosion resistance,aging resistance.
- Used in long-distance water hose quick convergence of multiple.

Type A	Type B	Type C	Type D
1"	1"	1"	1"
1.25"	1.25"	1.25"	1.25"
1.5"	1.5"	1.5"	1.5"
2"	2"	2"	2"
2.5"	2.5"	2.5"	2.5"
3"	3"	3"	3"
4"	4"	4"	4"
6"	6"	6"	6"
8"	8"	8"	8"

Oil Pipe Connection



Casette Coupling

Farm-oriented Adaptor

Male Flange

Casette Coupling	Male Flange	Farm-oriented Adaptor
KDK50	1"	NY50
KDK65	1.25"	NY65
KDK80	1.5"	NY80
/	2"	NY100
/	2.5"	/
/	3"	/
/	4"	/
/	6"	/
/	8"	/

WATER HOSE

Instructions for use:

- Products with high efficiency and high strength, wear resistance, quality and long life cycle.
- Applicable to: farmland, garden drought and irrigation and drainage, river pumping sand, aquatic products, construction sites and road construction drainage system
- Customized setting

H 01
- 01 — The inside diameter of the product
- H — Product code

Model	Texture of material	Internal diameter (mm)	Tolerance (mm)	Work stress (Mpa)	Bursting pressure (Mpa)
H01	Cotton yarn PVC	25	±1.5	/	/
H1.5		38	±1.5	/	/
H02		50	±2	0.95	0.66
H2.5		65	±2.3	0.74	0.69
H03		75	±2.3	0.6	0.4
H04		102	±2.3	0.67	0.43
H06		150	±2.5	/	0.28
H08		200	±2.5	/	/

SISTEMA®

Instructions for use:

- Products with high efficiency and high strength, wear resistance, quality and long life cycle.
- Applicable to: farmland, garden drought and irrigation and drainage, river pumping sand, aquatic products, construction sites and road construction drainage system

25 HP 02
- 02 — It is recommended to use kilograms
- HP — A brief description of the painted hose
- 25 — Product diameter

Model	Texture of material	Internal diameter (mm)	Work stress (Mpa)	Burst pressure (Mpa)	Cotton yarn	Weight (kg/m)
25HP02	Cotton yarn PVC	25 ± 1.0	0.5	1.2	4 × 4	0.15
32HP02		32 ± 1.0	0.4	1.2	4 × 4	0.162
38HP02		38 ± 1.0	0.3	0.9	4 × 4	0.2
50HP02		50 ± 2.0	0.27	0.9	4 × 4	0.3
65HP02		65 ± 2.0	0.2	0.69	4 × 5	0.35
75HP02		75 ± 2.0	0.2	0.69	5 × 5	0.45
100HP02		100 ± 2.5	0.2	0.6	5 × 6	0.625
125HP02		125 ± 2.5	0.17	0.51	6 × 6	0.875
150HP02		150 ± 2.5	0.13	0.39	6 × 7	0.95
200HP02		200 ± 2.5	0.13	0.39	7 × 8	1.5
250HP02		250 ± 2.5	0.15	0.45	11 × 13	2.25
300HP02		300 ± 3.0	0.15	0.45	16 × 16	3.25
50HP03		50 ± 2.0	0.41	1.23	6 × 6	0.325
65HP03		65 ± 2.0	0.43	1.29	8 × 8	0.425
75HP03		75 ± 2.0	0.38	1.14	8 × 8	0.525
100HP03		100 ± 2.5	0.35	1.05	8 × 10	0.75
25HP04		25 ± 1.0	0.8	2.4	8 × 8	0.2
38HP04		38 ± 1.0	0.6	1.8	8 × 8	0.275
50HP04		50 ± 2.0	0.5	1.41	8 × 8	0.35
65HP04		65 ± 2.0	0.54	1.62	10 × 10	0.5
75HP04		75 ± 2.0	0.5	1.23	10 × 10	0.55
100HP04		100 ± 2.5	0.45	1.23	12 × 12	0.8
125HP04		125 ± 2.5	0.3	0.9	10 × 10	1
150HP04		150 ± 2.5	0.35	0.93	11 × 13	1.3
200HP04		200 ± 2.5	0.2	0.51	11 × 13	2
50HP06		50 ± 2.0	1	2.34	11 × 13	0.45
65HP06		65 ± 2.0	0.8	2.01	11 × 14	0.55
75HP06		75 ± 2.0	0.7	1.8	12 × 15	0.7
100HP06		100 ± 2.5	0.6	1.5	14 × 16	1
125HP06		125 ± 2.5	0.5	1.41	12 × 15	1.125
150HP06		150 ± 2.5	0.45	1.05	12 × 15	1.5
200HP06		200 ± 2.5	0.4	0.9	18 × 19	2.75
125HP06		125 ± 2.5	0.7	1.75	16 × 18	1.5
150HP06		150 ± 2.5	0.6	1.35	18 × 22	1.75

SPARE PARTS & ACCESSORIES

VALVES

◆ Before assembing,all parts will be cleaned,no oil or grease.Remove all burrs and sharp edges.
◆ Before connecting,body cap male thread should be coated with sealing glue.

FV-B6001

Model		SIZE									MATERIAL
		1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"	
FV-B6001	DN	17	23	29	38	73	55	68	78	100	BRASS
	L	45	49	55	61.5	68.5	75.5	93	97	100	BRASS

FV-B6002

Model		SIZE									MATERIAL
		1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"	
FV-B6002	DN	18	24	29	38	44	56	68	78	98	BRASS
	L	65	76	85	101	117	137	155	163	183	BRASS

FV-B6005

Model		SIZE									MATERIAL
		1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"	
FV-B6005	DN	18	24	28	37	43	54	–	–	–	BRASS
	L	43	53	55	65	71	78	–	–	–	BRASS

FV-B6007

Model		SIZE									MATERIAL
		1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"	
FV-B6007	DN	14	20	24	31	37	46	53	64	74	BRASS
	L	49	57	68	76	86	100	105	124	160	BRASS

FV-B7001

Model		SIZE									MATERIAL
		1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"	
FV-B7001	DN	16.5	20	24.5	34	41.5	48	65	77	97	BRASS
	L	55	67	72	85	96	113	134.5	156	181.5	BRASS

SISTEMA®

FLEXIBLE HOSE

Instructions for use:

· Connecting pipe pitch flexible, flexible tube, repeat bending good, wear-resistant, mainly for the pipeline and the pump connection

FH – 60 (3/4)
- (3/4) — Diameter
- 60 — Total length
- FH — English abbreviation

Technical Parameters

Model	Material	Total length (mm)	Diameter (mm)	Inlet and outlet	Size	PCS/CTN
FH-60(3/4)	Elbow 63 copper, the connector for the 59 copper, stainless steel wire, EPDM	60	G1	27	65×35×23	60
FH-60(1)		60	G1	33	65×35×23	60
FH-80(3/4)		80	G1	27	85×35×23	40
FH-80(1)		80	G1	33	85×35×23	40
FH-120(3/4)		120	G1	27	45×45×45	20
FH-120(1)		120	G1	33	45×45×45	20

Alloy shell is avilable on request.

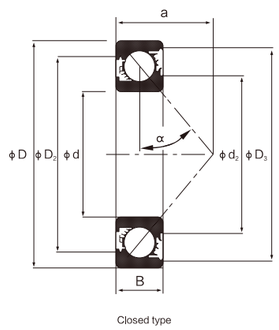
SPARE PARTS & ACCESSORIES

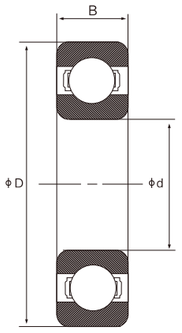
BEARING

ANGULAR CONTACT BALL BEARINGS
DEEP GROOVE BALL BEARINGS

LEADING TECHNOLOGY

1:Low noise technology for DGB.
2:Seal technology for DGB.
3:Large quantities of high-precision grinding technology.
4:Coating protection technology.
5:Long-life bearing technology.
6:Raceway precision ultra-precision technology.
7:Special heat treatment technology.





Name	Nominal model	d	D	B	PCS/CTN
Deep groove ball bearings	6201	12	32	10	20
	6301	12	37	12	20
	6202	15	35	11	20
	6302	15	42	13	20
	6003	17	35	10	20
	6203	17	40	12	20
	6303	17	47	14	20
	6204	20	47	14	20
	6304	20	52	15	20
	6205	25	52	15	20
	6305	25	62	17	20
	6206	30	62	16	20
	6306	30	72	19	20
	6207	35	72	17	20
	6307	35	80	21	20
	6208	40	80	18	20
	6308	40	90	23	20
	6209	45	85	19	20
	6309	45	100	25	20

Remarks:Other specifications can be ordered

SISTEMA®

Name	Nominal model	d	D	B	PCS/CTN
Angular contact ball bearings	7201AC	12	32	10	20
	7202AC	15	35	11	20
	7302AC	15	42	13	20
	7203AC	17	40	12	20
	7303AC	17	47	14	20
	7204AC	20	47	14	20
	7304AC	20	52	15	20
	7404AC	20	72	19	20
	7205AC	25	52	15	20
	7305AC	25	62	17	20
	7405AC	25	80	21	20
	7206AC	30	62	16	20
	7306AC	30	72	19	20
	7406AC	30	90	23	20
	7207AC	35	72	17	20
	7307AC	35	80	21	20
	7407AC	35	100	25	20
	7407B	35	100	50	20
	7208AC	40	80	18	20
	7308AC	40	90	23	20
	7408AC	40	110	27	20
	7209AC	45	85	19	20
	7309AC	45	100	25	20
	7409AC	45	120	29	20
	7210AC	50	90	20	20
	7310AC	50	110	27	20
	7410AC	50	130	31	20

Remarks:Other specifications can be ordered

SPARE PARTS & ACCESSORIES

CAPACITOR

CBB60/CBB65A Metallized Polypropylene Film Capacitor

CBB60

CBB65A

Application:

For general sine wave applications,like pumps,washing machines,cleaning machines,air-compressors,etc,mainly as motor run capacitor.

Features:

1. High insulation resistance.
2. Self-healing properties,Low dissipation factor.
3. file E 241219,component approval mark,on request.

Technical Data

Rated Capacity	1-180μf	Loss Tangent	tgδ≤0.002100(Hz,20℃)
Rated Voltage	250VAC～450VAC	Testing Voltage(T-T)	2Un,2s(routine test)
Rated Frequency	50～60Hz	Testing Voltage(T-C)	1000VAC+2Un,2s(routine test)
Capacitance Tolerance	±5%	Life Class	Class B,C
Climate Type	40/70/21;25/85/21;40/85/21	Voluntary Standards	GBT3667.1,EN60252,IEC60252.1,UL810

Specifications

Model	450VAC D×H(mm)		250VAC D×H(mm)	
	Size	PCS/CTN	Size	PCS/CTN
6uF	30×60	20	30×60	20
8uF	35×60	20	30×60	20
10uF	35×60	20	30×60	20
12uF	30×60	20	30×60	20
15uF	35*70	20	35×60	20
18uF	40×70	20	35×70	20
20uF	40×70/40×65	20	35×70	20
25uF	40×93/45×70	20	35×70	20
30uF	40×93/42×90	20	35×70	20
35uF	45×93	20	40×70	20
40uF	45×93	20	40×70	20
45uF	50×93	20	45×70	20
50uF	50×93	20	45×70	20
55uF	50*100	20	45×93	20
60uF	50*100	20	45×93	20
65uF	50×120	20	45×93	20
70uF	55×120	20	45×93	20
75uF	50×120	20	45×93	20
80uF	50×120	20	45×93	20
90uF	60×120	20	50×93	20
100uF	60×120	20	50×93	20
150uF	60×130	20	50×120	20

Remark: The specifictions can be designed on the basis of customer requirements.

SISTEMA®

MECHANICAL SEAL

PARAMETER

Single Face Seal-Model Instruction

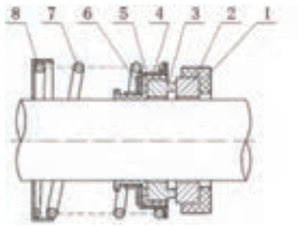
301 - 14 / 21 S : A (P C)

- Spring C:SUS304/SUS316(F-2)
- Secondary Seal P:NBR(F-2)
- Pump side Rotary Ring A:Reaction Sintered SiC(F-2)
- Motor side Stationary Ring S:Hot-pressing graphite (F-2)
- Installation Height:21mm
- Shaft (or shaft sleeve):14mm
- Series code:301

Double Face Seal-Model Instruction

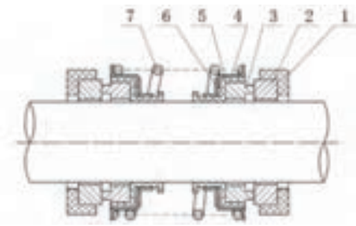
208 - 16 / 38 (L) B: A / S : A (P T C)

- Structure Parts C:SUS304/SUS316(F-2)
- Spring T:Chromium plated Manganese steel(F-2)
- Secondary Seal P:NBR(F-2)
- Pump side Rotary Ring A:Hot-pressing graphite(F-2)
- Pump side Stationary Ring S:Reaction Sintered SiC(F-2)
- Motor side Rotary Ring A:Hot-pressing graphite(F-2)
- Motor Stationary Ring B:Aluminum oxide ceramic(F-2)
- "L" means with pressure plate
- Installation Height:38mm
- Shaft (or shaft sleeve):16mm
- Series code: 208



P-1

1、4、5、6-Secondary Seal：2-Stationary Ring
3-Rotary Ring：7-Spring：8-Spring Seat



P-2

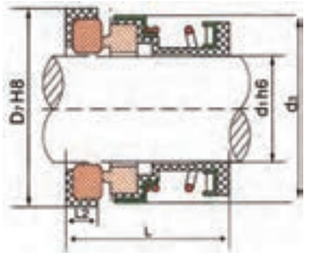
1、4、5、6—Secondary Seal：2—Stationary Ring
3—Rotary Ring：7—Spring：

F-2 Materials Code Implication

Ring	A：Hot-pressing graphite	K：Furane resin impregnated carbon graphite	W：Tungsten carbide (YWN8)
	B：Aluminum oxide ceramic	S：Reaction Sintered SiC	D：Antimony impregnated carbon graphite
Secondary Seal	F：Hydrogenated Nitrile-rubber	P：Nitrile-Butadiene Rubber	E：Ethylene propylene Rubber
Spring	T：Chromium plated Manganese steel	C：SUS (06Cr19Ni10)	
Structure Parts	C：SUS (06Cr19Ni10)		

SPARE PARTS & ACCESSORIES

MECHANICAL SEAL

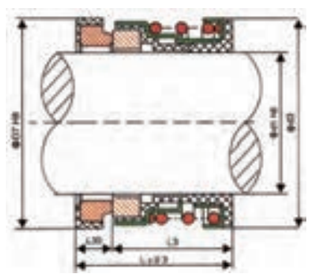


103 SERIES FACE SEAL

Annular Seal Pressure:≤0.4Mpa
Annular Seal Temperature:T=−20℃~+80(−30~+180)℃
Rotation Speed:n≤10m/sec

Used in clean water pumps,in−Line pumps and general industrial pumps.

Model	Materials	Installation Height (mm)	Free Height (±2mm)	Stationary Ring Φ(mm)	PCS / CTN
103−12/20.5	S:A(PC)	20.5	23	26	30
103−12/20.5	B:A(PC)	20.5	23	26	30
103−14/20.5	B:A(PC)	20.5	25	28	30
103−14/20.5	S:A(PC)	20.5	25	30	30
103−14/20.5	S:B(PC)	20.5	25	28	30
103−14/20.5	S:K(PC)	20.5	25	30	30
103−16/20.5	S:A(PC)	20.5	24.5	30	30
103−16/20.5	B:A(PC)	20.5	24.5	28	30
103−18/20.5	S:B(PC)	20.5	25	35	30

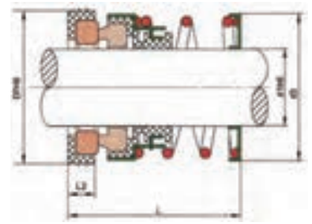


104 SERIES FACE SEAL

Annular Seal Pressure:≤0.7Mpa
Annular Seal Temperature:T=−20℃~+80(−30~+180)℃
Rotation Speed:n≤5m/sec

Used in clean water pumps,in−Line pumps and general industrial pumps.

Model	Materials	Installation Height (mm)	Free Height (±2mm)	Stationary Ring Φ(mm)	PCS / CTN
104−14/25	B:A(PC)	25	31	26	30

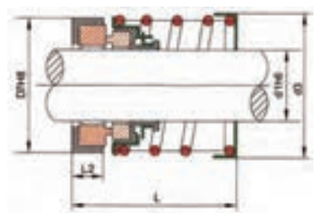


TY 1008 SERIES FACE SEAL

Annular Seal Pressure:≤0~1.0Mpa
Annular Seal Temperature:T=−20℃~+80(−30~+200)℃
Rotation Speed:n≤3000r/min
Medium:Water,Oil and PH numerical value of waste water 6.5−8.

Used in clean water pumps,in−Line pumps and general industrial pumps.

Model	Materials	Installation Height (mm)	Free Height (±2mm)	Stationary Ring Φ(mm)	PCS / CTN
TY1008−14/25	S:A(PC)	25	33	28	30
TY1008−14/25	B:A(PC)	25	33	28	30
TY1008−14/25	W:S(FC)	25	33	25	30
TY1008−16/25	B:A(PC)	25	39	27	30
TY1008−16/25	B:K(PC)	25	39	27	30
TY1008−17/23.5	B:A(PC)	23.5	37	30	30
TY1008−28/35	B:A(PC)	35	46	43	30
TY1008−30/35	W:S(PC)	35	51	45	30
TY1008−35/37	W:S(FC)	37	52	50	30
TY1008−40/38	W:S(FC)	38	50	58	30
TY1008−45/38	W:S(FC)	38	56	63	30



TY 1010 SERIES FACE SEAL

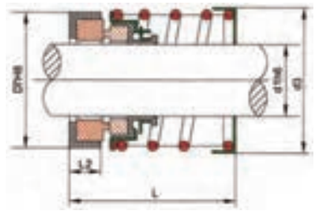
Annular Seal Pressure:≤0~1.0Mpa
Annular Seal Temperature:T=−20℃~+80(−30~+200)℃
Rotation Speed:n≤3000r/min
Medium:Water,Oil and PH numerical value of waste water 6.5−8.

Used in clean water pumps,in−Line pumps and general industrial pumps.

Model	Materials	Installation Height (mm)	Free Height (±2mm)	Stationary Ring Φ(mm)	PCS / CTN
TY1010−14/20	W:S(FC)	20	25.5	28	30
TY1010−18/20	W:S(FC)	20	31.5	33	30
TY1010−20/20	W:S(FC)	20	34.5	35	30
TY1010−30/24	B:A(PC)	24	46	45	30
TY1010−35/26	W:S(PC)	26	52	50	30

SPARE PARTS & ACCESSORIES

MACHINERY SEAL

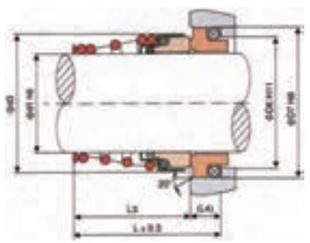


TY-1018 SERIES FACE SEAL

Annular Seal Pressure:≤0.7Mpa
Annular Seal Temperature:T=-20℃~+80(-30~+180)℃
Rotation Speed:n≤5m/sec
Medium:Water,Oil and PH numerical value of waste water is 6.5-8.

Used in general industrial & submersible pumps.

Model	Materials	Installation Height (mm)	Free Height (±2mm)	Stationary Ring Φ(mm)	PCS / CTN
TY1018-16/26	S:K(PC)	26	40	29	30
TY1018-20/25	W:S(PC)	25	42	35	30
TY1018-20/25	B:A(PC)	25	37	35	30
TY1018-20/25	S:A(PC)	25	37	35	30
TY1018-22/25	S:A(PC)	25	37	37	30
TY1018-22/25	S:A(PC)	25	37	37	30
TY1018-30/30	W:S(FC)	30	49.5	45	30
TY1018-30/34	W:S(FC)	34	51	45	30
TY1018-30/35	S:A(FC)	35	49	45	30
TY1018-30/35	S:A(PC)	35	49	45	30
TY1018-30/35	W:S(FC)	35	51	45	30
TY1018-35/37	S:A(PC)	37	56	50	30



TY 155 SERIES FACE SEAL

Annular Seal Pressure:≤0.7Mpa
Annular Seal Temperature:T=-20℃~+80(-30~+180)℃
Rotation Speed:n≤13m/sec

Used in clean water pumps and circulation pumps.

Model	Materials	Installation Height (mm)	Free Height (±2mm)	Stationary Ring Φ(mm)	PCS / CTN
TY155-14/28	S:A(PC)	28	33.5	26	30
TY155-17/30	A:B (PC)	30	37	30	30
TY155-17/30	A:B (PC)	30	37	30	30
TY155-17/30	B:A (PC)	30	37	30	30
TY155-17/30	S:A(PC)	30	37	27	30

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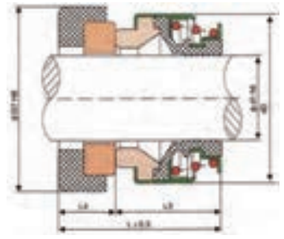
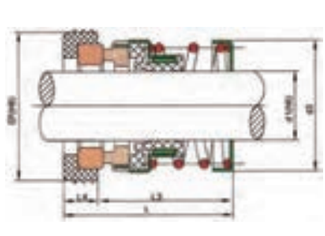


TY 301 SERIES FACE SEAL

Annular Seal Pressure:≤0.5Mpa
Annular Seal Temperature:T=-20℃~+80(-30~+180)℃
Rotation Speed:n≤10m/sec

Used in clean water pumps and circulation pumps.

Model	Materials	Installation Height (mm)	Free Height (±2mm)	Stationary Ring Φ(mm)	PCS / CTN
TY301-12/21	S:A(PC)	21	24.5	26	30
TY301-12/21	B:A (PC)	21	24.5	26	30
TY301-13/17	B:A (PC)	17	22.5	26	30
TY301-14/21	B:A(PC)	21	24	28	30
TY301-14/21A	S:A(PC)	21	24	28	30
TY301-14/21	S:A(PC)	21	24	30	30
TY301-14/21	B:A(PC)	21	24	30	30
TY301-15/21	B:A(PC)	21	23	30	30
TY301-16/21	B:A(PC)	21	25	30	30



TY 560A SERIES FACE SEAL

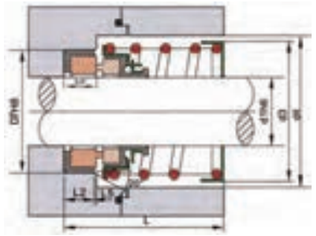
Annular Seal Pressure:≤0.8Mpa
Annular Seal Temperature:T=-20℃~+80(-30~+180)℃
Rotation Speed:n≤10m/sec
Medium:Oil,water and general corrosive liquid.

Used in auto-cooling pumps,centrifugal pumps, submersible pumps and general industrial pumps.

Model	Materials	Installation Height (mm)	Free Height (±2mm)	Stationary Ring Φ(mm)	PCS / CTN
TY560A-14/25	S:A(PC)	25	35.5	28	30
TY560A-14/25	S:D(FC)	25	35.5	28	30
TY560A-16/27	S:D(FC)	27	37.5	32	30
TY560A-18/29	S:D(FC)	29	44.5	35	30

SPARE PARTS & ACCESSORIES

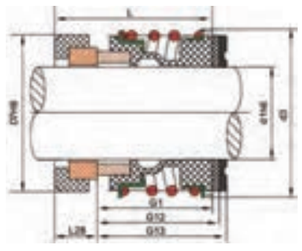
MACHINERY SEAL



TY 1007 SERIES FACE SEAL

Annular Seal Pressure:≤0~1.8Mpa
Annular Seal Temperature:T=−20℃~+80(−30~+180)℃
Rotation Speed:n≤3000r/min
Medium:Water,Oil and PH numerical value of waste water 6.5−8
Used in clean water pumps,in−Line pumps and general industrial pumps.

Model	Materials	Installation Height (mm)	Free Height (±2mm)	Stationary Ring Φ(mm)	PCS / CTN
TY1007−12/21	S:A(FC)	21	24	23	30
TY1007−14/21	S:A(FC)	21	24	25	30
TY1007−20/25	S:K(FC)	25	30.5	35	30
TY1007−20/29	S:K(PC)	29	33	35	30
TY1007−25/31	S:K(FC)	31	36	40	30
TY1007−25/31	S:K(PC)	31	36	40	30
TY1007−25/31	S:K(FC)	31	36	40	30
TY1007−25/31	B:A(PC)	31	36	40	30
TY1007−28/32	S:K(FC)	32	36	43	30
TY1007−28/32	S:K(PC)	32	36	43	30
TY1007−35/36	S:K(FC)	36	41	50	30
TY1007−40/38	W:S(FC)	38	45	58	30
TY1007−45/38	W:S(FC)	38	45.5	63	30



TY G1 SERIES FACE SEAL

Annular Seal Pressure:≤0~1.2Mpa
Annular Seal Temperature:T=−20℃~+80(−30~+200)℃
Rotation Speed:n≤3000r/min
Medium:Water,Oil and PH numerical value of waste water is 6.5−8.
Used in clean water pumps,in−Line pumps and general industrial pumps.

Model	Materials	Installation Height (mm)	Free Height (±2mm)	Stationary Ring Φ(mm)	PCS / CTN
G1−12/21	B:A(EC)	21	24.5	26	30
G1−14/21	B:A(EC)	21	24	30	30
G1−17/30	B:A(PC)	30	32.7	26.9	30
G1−20/29	S:A(PC)	29	32	35	30
G1−30/34	S:A(PC)	34	39	45	30

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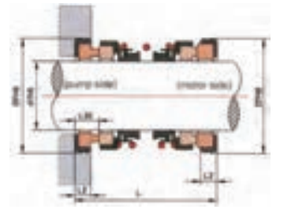
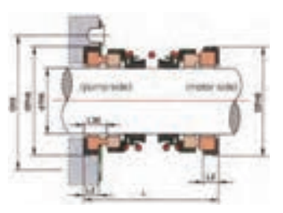


TY UU208 DOUBLE FACE SEAL

Annular Seal Pressure:≤0~1.2Mpa
Annular Seal Temperature:T=−20℃~+80(−30~+200)℃
Rotation Speed:n≤3000r/min
Medium:Water,Oil and PH numerical value of waste water 6.5−8

Used in clean water pumps,sewage pumps, submersible pumps and chemical pumps,which apply to oil,water and weak corrosive solutions.

Model	Materials	Installation Height (mm)	Free Height (±2mm)	Stationary Ring Φ(mm)	PCS/CTN
TYUU208−12/30	B:A/B:A(PTC)	30	45.5	26	30
TYUU208−14/35	S: B/W:S(PTC)	35	41.5	26	30
TYUU208−14/35	B:A/B:A(PTC)	35	41.5	26	30
TYUU208−14/35	B:A/W:S(PTC)	35	44	26	30
TYUU208−14/35	B:S/B:A(PTC)	35	44	26	30
TYUU208−14/38	B:A/W:S(PTC)	38	49	28	30
TYUU208−14/38	S:A/S:A(PTC)	35	44	26	30
TYUU208−14/48	B:A/W:S(PTC)	48	64	28	30
TYUU208−14/48	B:A/W:S(PTC)	48	64	28	30
TYUU208−16/38	B:A/B:A(PTC)	38	49.5	27	30
TYUU208−16/38	B:A/S:A(PTC)	38	49.5	27	30
TYUU208−18/38	B:A/S:B(PTC)	38	48	33	30
TYUU208−18/38	B:A/B:A(PTC)	38	48	33	30
TYUU208−18/38	B:A/W:S(PTC)	38	50	33	30
TYUU208−18/38	B:A/W:S(FTC)	38	50	35	30
TYUU208−18/38	S: B/W:S(PTC)	38	52	33	30
TYUU208−18/38	B:A/S:A(PTC)	38	48	33	30
TYUU208−18/38	S:A/S:A(PTC)	38	48	33	30
TYUU208−20/40	B:A/S:A(PTC)	40	54	36	30
TYUU208−20/40	B:A/W:S(PTC)	40	50	36	30
TYUU208−20/40	S:A/S:A (PTC)	40	50	36	30
TYUU208−30/51	W:S/W:S(FTC)	51	65.5	45	30
TYUU208−30/51	S:A/W:S(FTC)	51	63	45	30
TYUU208−30/51	B:A/S:A(PTC)	51	63	45	30
TYUU208−35/51	B:A/W:S(PTC)	51	66	50	30
TYUU208−40/58	S:A/S:A(PTC)	58	76	58	30
TYUU208−40/58	S:A/W:S(FTC)	58	76.5	58	30
TYUU208−45/58	S:A/S:A(PTC)	58	76	63	30



TY UU208 DOUBLE FACE SEAL/MECHANICAL SEAL WITH PRESSURE PLATE

Annular Seal Pressure:≤0~1.2Mpa
Annular Seal Temperature:T=−20℃~+80(−30~+200)℃
Rotation Speed:n≤3000r/min
Medium:Water,Oil and PH numerical value of waste water 6.5−8

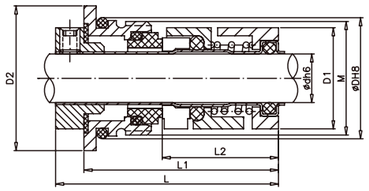
Used in clean water pumps,sewage pumps,submersible pumps and chemical pumps,which apply to oil,water and weak corrosive solutions.

Model	Materials	Installation Height (mm)	Free Height (±2mm)	Stationary Ring Φ (mm)	Total circle height (mm)	Installation height of static ring (mm)	Thickness of pressure plate (mm)	PCS/ CTN
TYUU208−14/35(L)	B:A/B:A(PTC)	35	44	26	7	5	≥0.5	30
TYUU208−14/35(L)	B:A/B:S(PTC)	35	44	26	7	5	≥0.5	30
TYUU208−18/38(L)	B:A/S:B(PTC)	38	48	33	7.2	5	≥0.6	30
TYUU208−18/38(L)	B:A/B:S(PTC)	38	48	33	7.2	5	≥0.6	30
TYUU208−22/42(L)	B:A/S:B(PTC)	42	63	37	6.2	5	≥0.6	30
TYUU208−30/51(L)	B:A/S:B(PTC)	51	61.5	45	7.9	6	≥0.8	30
TYUU208−40/58(L)	S:A/S:W(FTC)	58	76	58	10.5	7.5	≥0.8	30

SPARE PARTS & ACCESSORIES

MACHINERY SEAL

PARAMETER



TY 1007 SERIES FACE SEAL

Applicable medium: water, oil, acid, alkali and other corrosive liquid
Seal chamber pressure: ≤ 25Mpa
Seal chamber temperature: −20 ℃ −180 ℃
Line speed: ≤ 10m / Sec
Used in clean water pumps,in−Line pumps and general industrial pumps.

Model	Materials	d	D	D1	L	L1	L2	PCS/CTN
YEB−12	A:W(F C)	12	23	22	39	7.5	31.5	5
YEB−16	A:W(F C)	16	27	26	40.5	8	32.5	5
NDB−16	S:S (F C)	16	27.8	24	33	6.5	26.5	5
NDB−20	S:S (F C)	20	31.3	34	33.5	6.5	27	5
NDB−20	W:W(F C)	20	31.3	34	33.5	6.5	27	5
NJK−12	A:W(F C)	12	29	35.7	55	44	29	5
NJK−12	W:W (F C)	12	29	35.7	55	44	29	5
NJK−16	A:W(F C)	16	34	40.5	58	45	30	5
NJK−16	W:W(F C)	16	34	40.5	58	45	30	5
NJK−22	A:W(F C)	22	50	35.9	70.5	54	34	5
NJK−22	W:W(F C)	22	50	35.9	70.5	54	34	5

HOSE CLAMPS

PARAMETER

HG SERIAL OF HOSE CLAMP

Specifications:

Material :Grade stainless steel /Carbon steel.

Advantages:

1.The outer edge of the band with smoothing and shaping treatment precludes the damage of the hose.
2.Using high quality material and precise stamping molding,prevents thread stripping.
3.With precise design,uniform stress, good sealing ability,can be twisted smoothly,and used multiple times.

Nominal diameter	Clamping range		PCS/CTN
	>	≤	
12	8	12	50
16	10	16	50
20	12	20	50
25	16	25	50
32	20	32	50
40	25	40	50
50	32	50	50
60	40	60	50
70	50	70	50

Nominal diameter	Clamping range		PCS/CTN
	>	≤	
80	60	80	50
90	70	90	50
100	80	100	50
110	90	110	50
120	100	120	50
130	110	130	50
140	120	140	50
150	130	150	50
160	140	160	50

Implementation of the standard: JB / T 8870−1999; Bandwidth: 9mm, material is 201, other specifications and materials can also provide

SISTEMA®

PTFE TAPE

PARAMETER

Instructions for use:

Raw material with the main components of polytetrafluoroethylene, non−toxic, tasteless, excellent sealing, insulation, corrosion resistance, for pipe joints, to enhance the pipe junction of the closed

Model	Width(mm)	Thickness(mm)	Length(m)	PCS / CTN
13*0.1*10	13	0.1	10	50
13*0.1*15	13	0.1	15	50
13*0.1*20	13	0.1	20	50
13*0.1*25	13	0.1	25	50
16*0.1*10	16	0.1	10	50
16*0.1*15	16	0.1	15	50
16*0.1*20	16	0.1	20	50
16*0.1*25	16	0.1	25	50
19*0.1*10	19	0.1	10	50
19*0.1*15	19	0.1	15	50
19*0.1*20	19	0.1	20	50
19*0.1*25	19	0.1	25	50
25*0.1*10	25	0.1	10	50
25*0.1*15	25	0.1	15	50
25*0.1*20	25	0.1	20	50
25*0.1*25	25	0.1	25	50

ELECTRICAL TAPE

PARAMETER

Instructions for use:

It is made of soft polyvinyl chloride (PAC) film and is made of UL−specific rubber−type sensitive adhesive. It has good insulation, flame resistance, withstand voltage and cold resistance. It is suitable for integrated wiring harness, wire winding, insulation protection, Degaussing coil, communication wiring and so on.

Model	Width(mm)	Length(m)	Tensile resistance	Elongation	Thickness	Colour	PCS / CTN
23*0.13*20	23	20	2.0	160	0.13	Red, black and green	50
18*0.13*9	18	9	2.0	160	0.13	Red, black and green	50
16*0.18*9	16	9	3.0	180	0.18	Red, black and green	50
16*0.18*12.5	16	12.5	3.0	180	0.18	Red, black and green	50
16*0.18*18	16	18	3.0	180	0.18	Red, black and green	50

SPARE PARTS & ACCESSORIES

FLANGE

PARAMETER

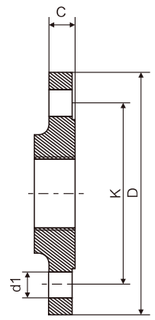
Instructions for use:

- Material: carbon steel, stainless steel
- Pressure rating: PN10、PN16

DN 10

Nominal diameter 80mm

Nominal pressure 1.0MPa (10bar) of the sudden panel welded steel pipe flange (with British tube)



in	PN10						PCS / CTN
	Nominal diameter	Flange diameter (D)	Bolt pitch (K)	Bolt diameter (d1)	Number of bolts	Flange thickness (C)	
3/8	DN10	90	60	14	4	14	10
1/2	DN15	95	65	14	4	14	10
3/4	DN20	105	75	14	4	16	10
1	DN25	115	85	14	4	16	10
1 1/4	DN32	140	100	18	4	18	10
1 1/2	DN40	150	110	18	4	18	10
2	DN50	165	125	18	4	20	10
2 1/2	DN65	185	145	18	4	20	10
3	DN80	200	160	18	8	20	10
3 1/2	DN100	220	180	18	8	22	10
4	DN125	250	210	18	8	22	10
5	DN150	285	240	22	8	24	10
6	DN200	340	295	22	8	24	10
8	DN250	395	350	22	12	26	10

in	PN16						PCS / CTN
	Nominal diameter	Flange diameter (D)	Bolt pitch (K)	Bolt diameter (d1)	Number of bolts	Flange thickness (C)	
3/8	DN10	90	60	14	4	14	10
1/2	DN15	95	65	14	4	14	10
3/4	DN20	105	75	14	4	16	10
1	DN25	115	85	14	4	16	10
1 1/4	DN32	140	100	18	4	18	10
1 1/2	DN40	150	110	18	4	18	10
2	DN50	165	125	18	4	20	10
2 1/2	DN65	185	145	18	4	20	10
3	DN80	200	160	18	8	20	10
3 1/2	DN100	220	180	18	8	22	10
4	DN125	250	210	18	8	22	10
5	DN150	285	240	22	8	24	10
6	DN200	340	295	22	8	26	10
8	DN250	405	355	26	12	29	10

Comparison of bolt matching holes									
Bolt pitch diameter	11	14	18 (19)	22 (23)	26 (28)	30 (31)	33 (34)	36 (37)	39 (40)
Bolt nominal diameter	M10	M12	M16	M20	M24	M27	M30	M33	M36

Remark: Not specified in this table specifications, can be ordered separately

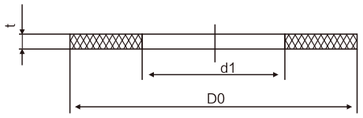
SISTEMA®

FLANGE GASKET

PARAMETER

Instructions for use:

- Applicable to the sudden tube flange, convex surface, tongue and groove tube flange
- Material: NBR
- Implementation of the standard: GB / T9129



in	PN10			PCS / CTN
	Gasket diameter d1	Gasket diameter D0	Gasket thickness t	
DN10	18	90	2	50
DN15	22	95	2	50
DN20	27	105	2	50
DN25	34	115	2	50
DN32	43	140	2	50
DN40	49	150	2	50
DN50	61	165	2	50
DN65	77	185	2	50
DN80	89	200	2	50
DN100	115	220	2	50
DN125	141	250	2	50
DN150	169	285	2	50
DN200	220	340	2	50
DN250	273	395	2	50

in	PN16			PCS / CTN
	Gasket diameter d1	Gasket diameter D0	Gasket thickness t	
DN10	18	90	2	50
DN15	22	95	2	50
DN20	27	105	2	50
DN25	34	115	2	50
DN32	43	140	2	50
DN40	49	150	2	50
DN50	61	165	2	50
DN65	77	185	2	50
DN80	89	200	2	50
DN100	115	220	2	50
DN125	141	250	2	50
DN150	169	285	2	50
DN200	220	340	2	50
DN250	273	405	2	50

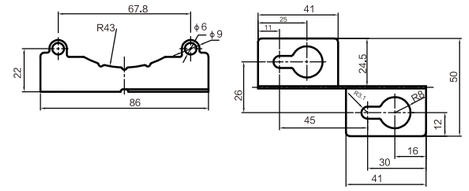
SHIELDED PUMP STAND

PARAMETER

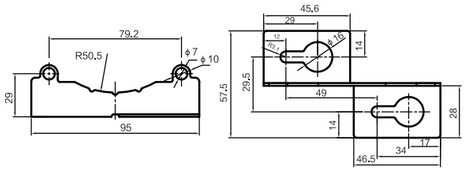
Instructions for use:

- Applicable to the installation of shielded pumps
- Material: 304

Serial number	Model	Installation size	PCS / CTN
1	90W stent	see right	50
2	245W stent	see right	50



90W stent



245W stent

SPARE PARTS & ACCESSORIES

FAN

Instructions for use:

Applicable to the general type cage electric induction motor, for the motor cooling, ventilation, air volume and noise is low.

Y2 – 63
- 63 — For the motor seat number
- Y2 — Series of asynchronous motor

Model	Texture of material	Internal diameter (mm)	External diameter (mm)	Corresponding product power (kW)	String number(Pcs)
Y2-63	Reinforced polypropylene	ϕ11.2	ϕ90	0.18-0.25	50
Y2-71	Reinforced polypropylene	ϕ14.2	ϕ90	0.37-0.55	
Y2-80	Reinforced polypropylene	ϕ19.2	ϕ95	0.75-1.1	
Y2-90	Reinforced polypropylene	ϕ24.2	ϕ136	1.5-2.2	
Y2-100	Reinforced polypropylene	ϕ28.2	ϕ155	3	25
Y2-112	Reinforced polypropylene	ϕ28.2	ϕ155	4	
Y2-132	Reinforced polypropylene	ϕ38.2	ϕ185	5.5-7.5	
Y2-160	Reinforced polypropylene	ϕ43.2	ϕ220	11-18.5	10
Y2-180	Reinforced polypropylene	ϕ52	ϕ240	22	
Y2-200	Reinforced polypropylene	ϕ58	ϕ258	30-37	
Y2-225	Reinforced polypropylene	ϕ58	ϕ260	45	5
Y2-250	Reinforced polypropylene	ϕ63	ϕ268	55	
Y2-280	Reinforced polypropylene	ϕ68	ϕ279	75-90	
Y2-315	Reinforced polypropylene	ϕ80	ϕ300	110-160	2
Y2-355	Reinforced polypropylene	ϕ90	ϕ310	250-315	

FAN COVER

Instructions for use:

- Motor cooling, exhaust, ventilation and protection of the role of the fan

Y2 – 80
- 80 — For the motor seat number
- Y2 — Series of asynchronous motor

Model	Texture of material	Internal diameter (mm)	Height (mm)	Corresponding product power (kW)	Thickness (mm)	Number of strings (Pcs)
Y2-80	Cold rolled plate	155	83	0.75-1.1	1	20
Y2-90	Cold rolled plate	175	90	1.5-2.2	1	20
Y2-100	Cold rolled plate	194	98	3	1	20
Y2-112	Cold rolled plate	220	110	4	1	15
Y2-132	Cold rolled plate	255	128	5.5-7.5	1	10
Y2-160	Cold rolled plate	310	155	11-18.5	1	10
Y2-180	Cold rolled plate	355	210	22	1	5
Y2-200	Cold rolled plate	395	210	30-37	1	1
Y2-225	Cold rolled plate	445	230	45	1	1
Y2-250	Cold rolled plate	483	255	55	1	1
Y2-280	Cold rolled plate	545	294	75-90	1	1
Y2-315	Cold rolled plate	620	340	110-160	1	1

SISTEMA®

ANTI-VIBRATION PAD

Instructions for use:

SD-type rubber vibration pad has three kinds of rubber hardness: 40°, 60°, 80°, the basic fast size of 85mm * 85mm, according to the different load requirements of mechanical equipment arbitrary cutting combination, vibration pad can also multi-layer tandem After the use of its load is still a single layer load, but the natural frequency can be reduced, better vibration isolation effect. Multi-layer combination of the middle of the use of steel plate separated, and with adhesive bonding.
Operating temperature: -5 ~ 50° C, damping ratio of 0.098, the natural frequency range of 5 ~ 18Hz.

SD 4
- 4 — Hardness is 40 degrees
- SD — S-type isolation pad

Model	Size (mm)	Hardness (HA)
SD4	85×85	40
SD6	85×85	60
SD8	85×85	80

WELL PUMP CONTROL BOX

Motor			Current(A)	Capacitance			Packing size(mm)	
Power(kW)	Voltage(V)	Frequency(Hz)		4 inch motor	3.5 inch motor	3 inch motor	4 inch motor 3.5 inch motor	3 inch motor
0.18	220	50	4	-	-	12μF / 450V	510x325x510 20PCS/CTN	405x340x465 20PCS/CTN
0.25	220	50	4	-	-	15μF / 450V		
0.37	220	50	5	15μF / 450V	18μF / 450V	20μF / 450V		
0.55	220	50	6	20μF / 450V	22μF / 450V	25μF / 450V		
0.75	220	50	9	25μF / 450V	30μF / 450V	35μF / 450V		