



3" and 4" submersible pumps with motor

Made in China



Catalogue 50 Hz

Applications

For water supply from wells or reservoirs
 For domestic use, for civil and industrial applications
 For garden use and irrigation

Operating conditions

Maximum fluid temperature up to +35°C
 Maximum sand content: 0.25%
 Minimum well diameter: 3"

Motor and Pump

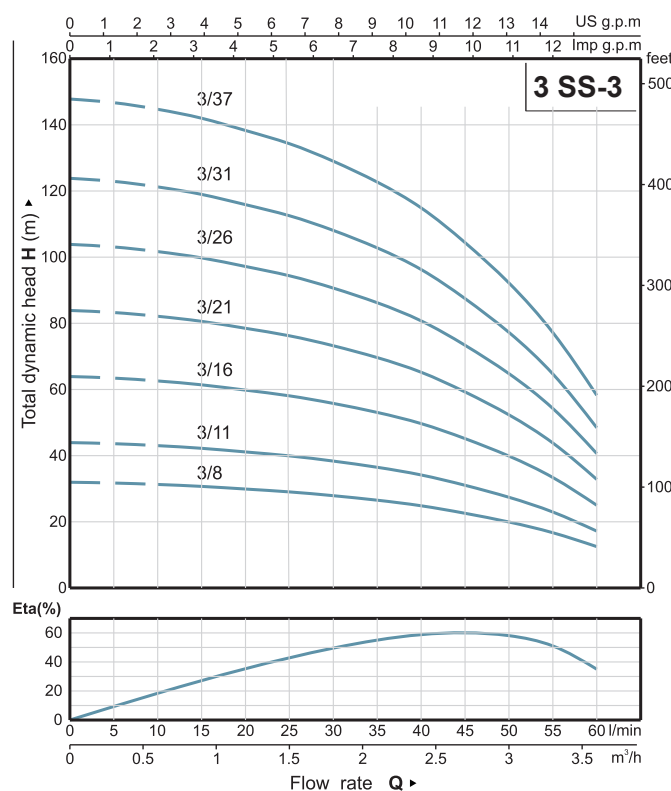
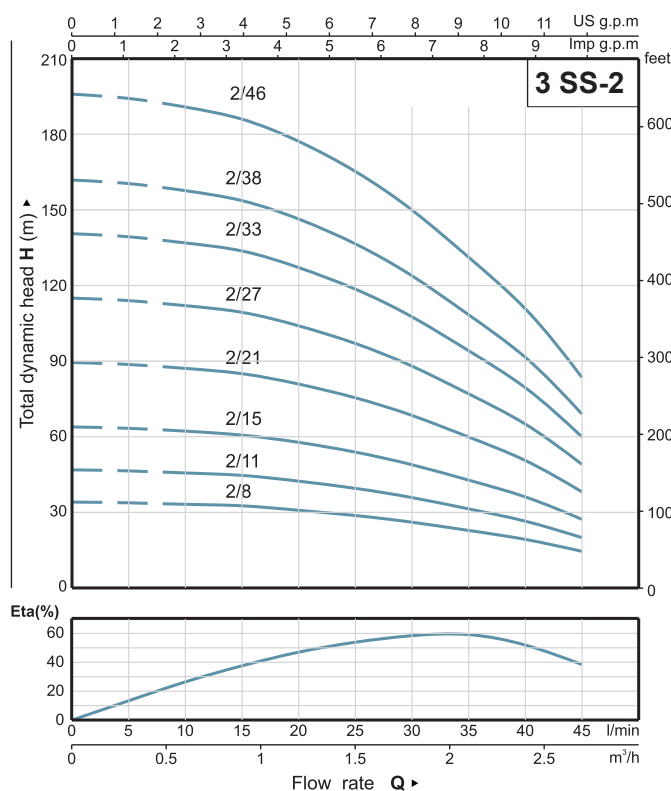
Rewindable motor
Single-phase: 220 - 240V/50Hz
Three-phase: 380 - 415V/50Hz
 Equip with start control box or digital auto-control box
 Pumps are designed by casing stressed
 Curve tolerance according to ISO 9906

Options on request

Special mechanical seal
 Other voltages or frequency 60Hz
 Single phase motor with built-in capacitor



Components	Material
Pump external casing	AISI 304 SS
Delivery casing	AISI 304 SS
Suction lantern	AISI 304 SS
Diffuser	Plastic.PC
Impeller	Plastic.POM
Shaft	AISI 304 SS
Shaft coupling	AISI 304 SS
Wear ring	AISI 304 SS
Motor external casing	AISI 304 SS
Top chock	AISI 304 SS
Bottom support	AISI 304 SS
Mechanical seal	Special seal for deep well(Graphite-Ceramic/TC)
Shaft	AISI 304 SS
Seal lubricant oil	Oil for food machinery and pharmaceutic use.

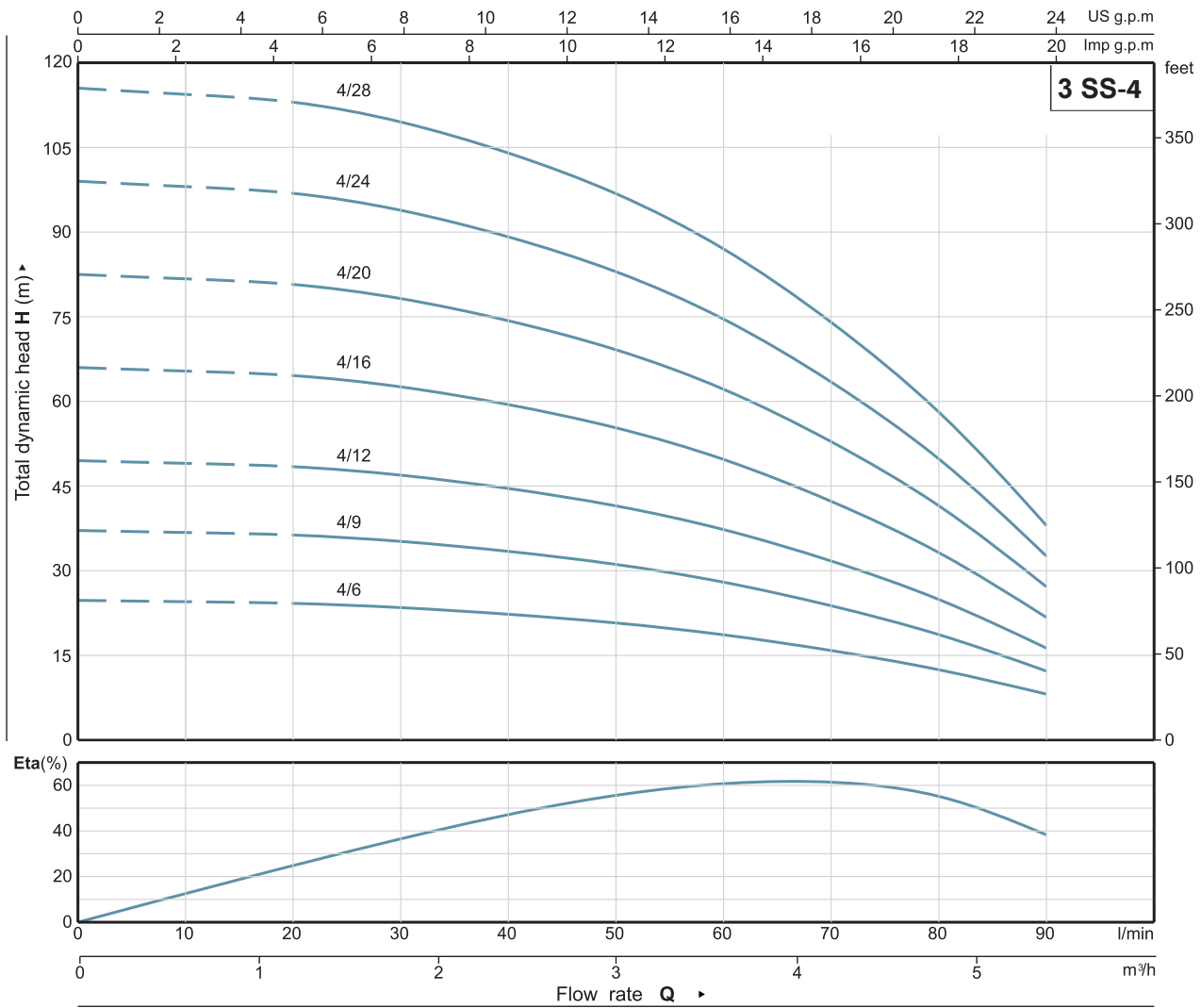


PERFORMANCE DATA 50Hz

MODEL		P ₂		DELIVERY n≈2850 1/min										
1~ 220 - 240V	3~ 380 - 415V	kW	HP	Q	0	0.3	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.7
				m³/h l/min	0	5	10	15	20	25	30	35	40	45
M2/8	2/8	0.18	0.25	H(m)	34	34	33	33	31	29	26	23	19	14
M2/11	2/11	0.25	0.33		47	46	45	45	43	40	36	32	27	20
M2/15	2/15	0.37	0.5		64	63	62	61	58	54	49	43	36	27
M2/21	2/21	0.55	0.75		89	89	87	85	81	76	68	60	51	38
M2/27	2/27	0.75	1		115	114	112	110	104	97	88	77	65	49
M2/33	2/33	0.92	1.25		141	139	136	134	128	119	108	95	80	60
M2/38	2/38	1.1	1.5		162	160	157	154	147	137	124	109	92	69
M2/46	2/46	1.5	2		196	194	190	187	178	166	150	132	111	83

PERFORMANCE DATA 50Hz

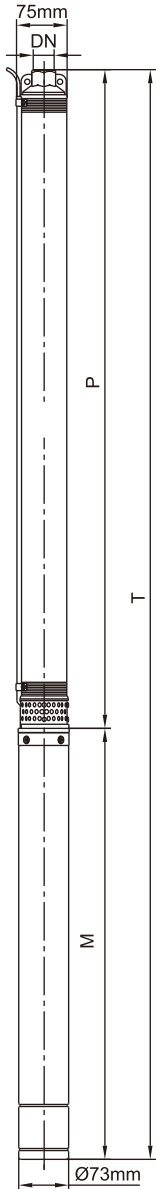
MODEL		P ₂		DELIVERY n≈2850 1/min													
1~ 220 - 240V	3~ 380 - 415V	kW	HP	Q	0	0.3	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.7	3.0	3.3	3.6
				m³/h l/min	0	5	10	15	20	25	30	35	40	45	50	55	60
M3/8	3/8	0.25	0.33	H(m)	32	32	32	31	30	29	28	27	26	23	20	16	12
M3/11	3/11	0.37	0.5		44	44	43	43	41	40	39	37	35	31	27	22	16
M3/16	3/16	0.55	0.75		64	64	63	62	60	59	56	54	51	45	39	32	23
M3/21	3/21	0.75	1		85	84	83	81	79	77	74	70	67	60	52	43	31
M3/26	3/26	0.92	1.25		105	104	103	100	98	96	91	87	83	74	64	53	38
M3/31	3/31	1.1	1.5		125	124	122	120	116	114	109	104	99	88	76	63	45
M3/37	3/37	1.5	2		149	148	146	143	139	136	130	124	118	105	91	75	54



PERFORMANCE DATA 50Hz

MODEL		P ₂		DELIVERY n≈2850 1/min										
1~ 220 - 240V	3~ 380 - 415V	kW	HP	Q	0	0.6	1.2	1.8	2.4	3.0	3.6	4.2	4.8	5.4
				m ³ /h l/min	0	10	20	30	40	50	60	70	80	90
M4/6	4/6	0.25	0.33	H(m)	25	25	24	23	22	21	19	16	13	8
M4/9	4/9	0.37	0.5		37	37	36	35	33	32	28	24	19	12
M4/12	4/12	0.55	0.75		49	49	48	47	45	42	37	32	25	15
M4/16	4/16	0.75	1		66	66	65	62	59	56	50	42	34	21
M4/20	4/20	0.92	1.25		82	82	81	78	74	70	62	53	42	25
M4/24	4/24	1.1	1.5		99	99	97	93	89	84	75	63	51	31
M4/28	4/28	1.5	2		115	115	113	109	104	98	87	74	59	36

DIMENSION AND WEIGHT



MODEL		DN	DIMENSION(mm)					WEIGHT(kg)				
1 ~ 220 - 240V	3 ~ 380 - 415V		P	M(S)	M(T)	T(S)	T(T)	P	M(S)	M(T)	T(S)	T(T)
M2/8	2/8	1"1/4"1/2"	377	288	288	665	665	1.8	4.0	4.0	5.8	5.8
M2/11	2/11	1"1/4"1/2"	444	308	288	752	752	2.1	4.8	4.0	6.9	6.1
M2/15	2/15	1"1/4"1/2"	535	338	308	873	873	2.4	5.6	4.8	8.0	7.2
M2/21	2/21	1"1/4"1/2"	694	368	338	1062	1032	3.2	6.4	5.6	9.6	8.8
M2/27	2/27	1"1/4"1/2"	830	408	368	1238	1198	3.5	7.5	6.4	11.0	9.9
M2/33	2/33	1"1/4"1/2"	966	448	408	1414	1375	4.3	8.7	7.5	13.0	11.8
M2/38	2/38	1"1/4"1/2"	1101	493	448	1594	1549	4.9	10.0	8.7	14.9	13.6
M2/46	2/46	1"1/4"1/2"	1306	543	493	1849	1799	5.8	11.3	10.0	17.1	15.8

MODEL		DN	DIMENSION(mm)					WEIGHT(kg)				
1 ~ 220 - 240V	3 ~ 380 - 415V		P	M(S)	M(T)	T(S)	T(T)	P	M(S)	M(T)	T(S)	T(T)
M3/8	3/8	1"1/4"1/2"	405	308	288	713	693	1.8	4.8	4.0	6.6	5.8
M3/11	3/11	1"1/4"1/2"	483	338	308	821	791	2.1	5.6	4.8	7.7	6.9
M3/16	3/16	1"1/4"1/2"	613	368	338	981	951	2.5	6.4	5.6	8.9	8.1
M3/21	3/21	1"1/4"1/2"	768	408	368	1176	1136	3.2	7.5	6.4	10.7	9.6
M3/26	3/26	1"1/4"1/2"	898	448	408	1346	1306	3.7	8.7	6.4	12.4	11.2
M3/31	3/31	1"1/4"1/2"	1029	493	448	1522	1477	4.1	10.0	7.5	14.1	12.8
M3/37	3/37	1"1/4"1/2"	1209	543	493	1752	1702	4.7	11.3	10.0	16.0	14.7

MODEL		DN	DIMENSION(mm)					WEIGHT(kg)				
1 ~ 220 - 240V	3 ~ 380 - 415V		P	M(S)	M(T)	T(S)	T(T)	P	M(S)	M(T)	T(S)	T(T)
M4/6	4/6	1"1/4"1/2"	397	308	288	705	685	1.7	4.8	4.0	6.6	5.7
M4/9	4/9	1"1/4"1/2"	498	338	308	836	806	2.0	5.6	4.8	7.6	6.8
M4/12	4/12	1"1/4"1/2"	599	368	338	967	937	2.3	6.4	5.6	8.7	7.9
M4/16	4/16	1"1/4"1/2"	757	408	368	1165	1125	2.8	7.5	6.4	10.3	9.2
M4/20	4/20	1"1/4"1/2"	892	448	408	1340	1300	3.4	8.7	7.5	12.1	10.9
M4/24	4/24	1"1/4"1/2"	1026	493	448	1519	1474	3.9	10.0	8.7	13.9	12.6
M4/28	4/28	1"1/4"1/2"	1184	543	493	1727	1677	4.3	11.3	10.0	15.6	14.3

Applications

For water supply from wells or reservoirs
 For domestic use, for civil and industrial applications
 For garden use and irrigation

Operating conditions

Maximum fluid temperature up to +35°C
 Maximum sand content: 0.25%
 Minimum well diameter: 4"

Motor and Pump

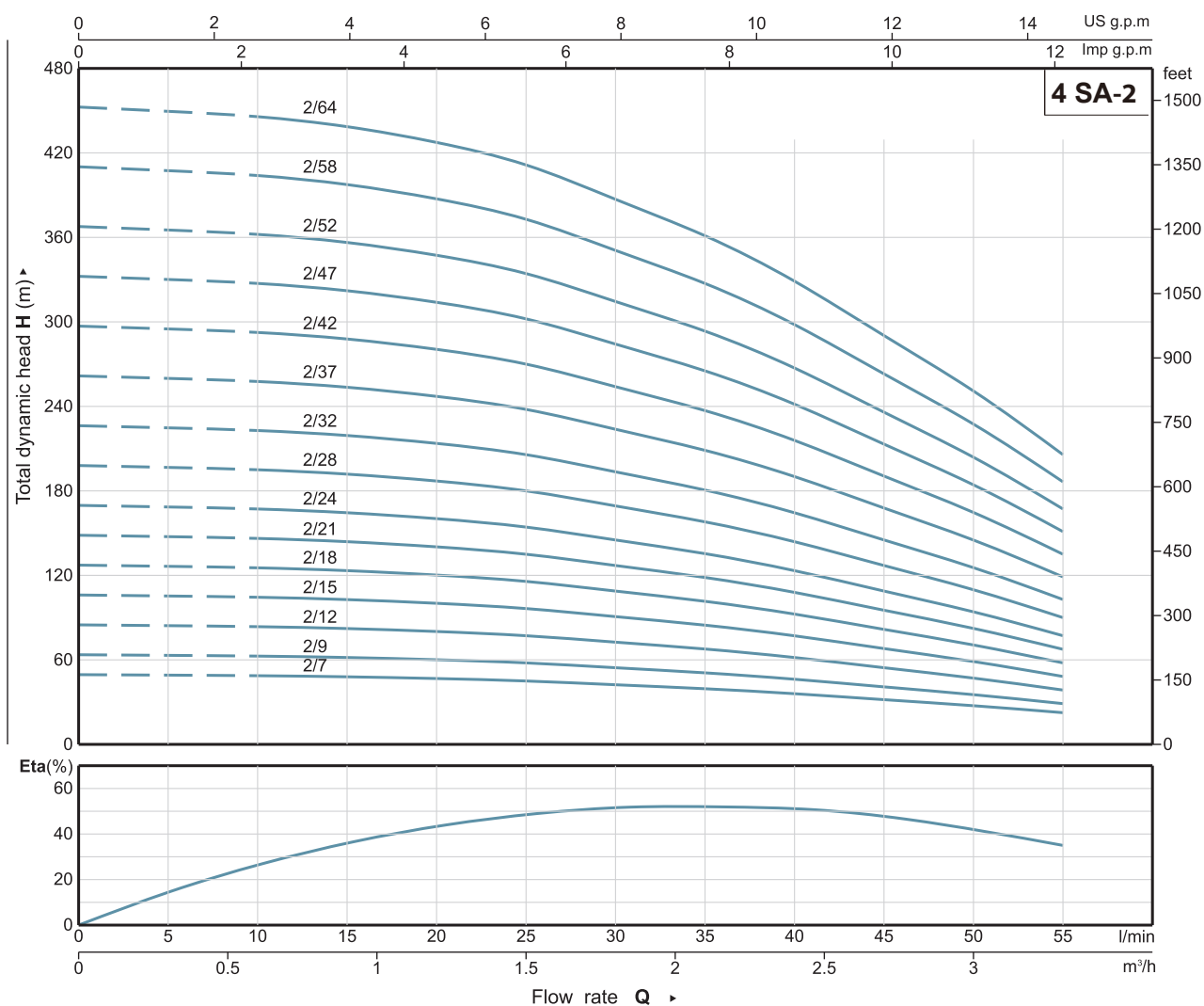
Rewindable motor
Single-phase: 220 - 240V/50Hz
Three-phase: 380 - 415V/50Hz
 Equip with start control box or digital auto-control box
 Pumps are designed by casing stressed
NEMA dimension standards
 Curve tolerance according to ISO 9906

Options on request

Special mechanical seal
 Other voltages or frequency 60Hz
 Single phase motor with built-in capacitor

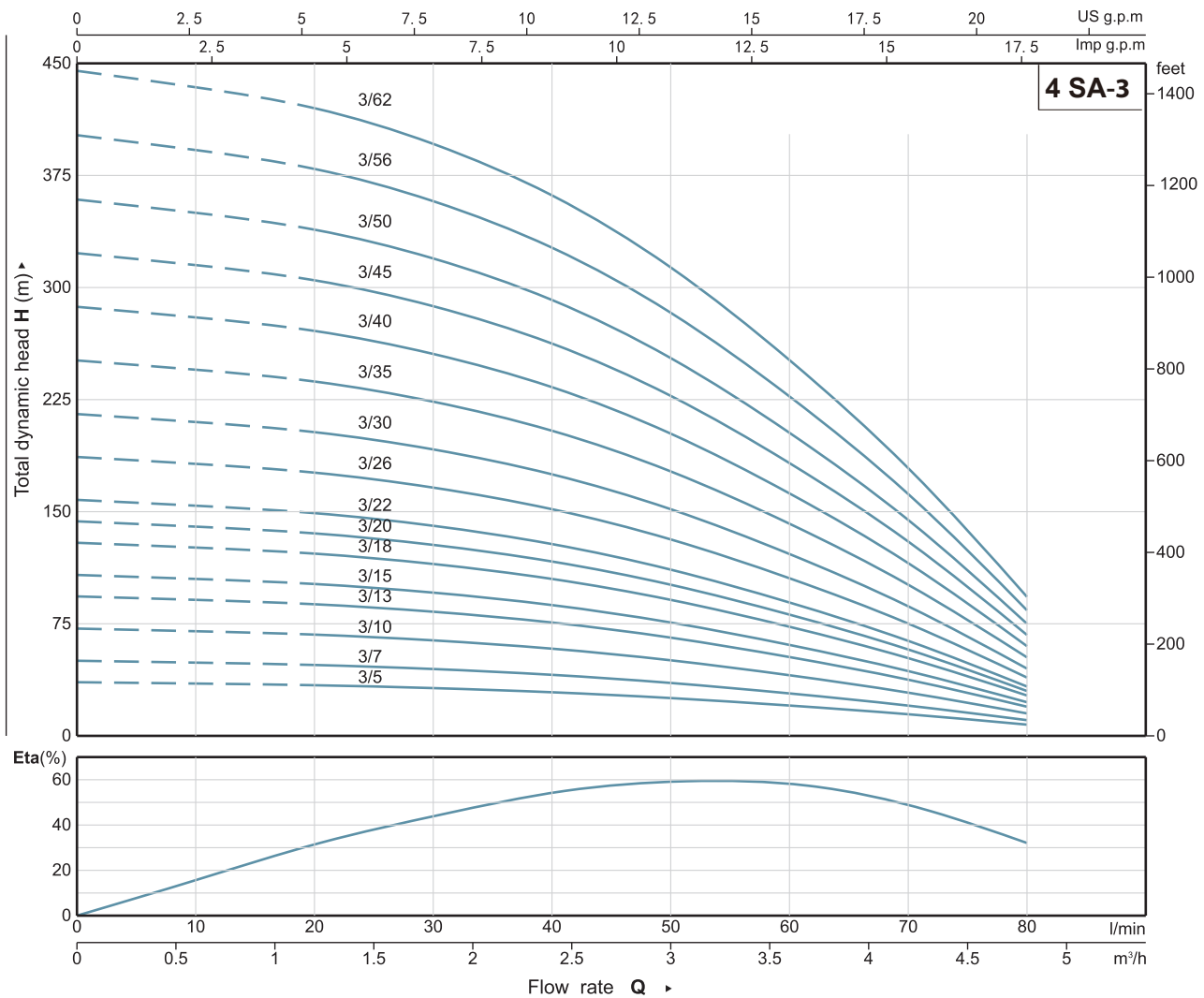


Components	Material
Pump external casing	AISI 304 SS
Delivery casing	AISI 304 SS
Suction lantern	AISI 304 SS
Diffuser	Plastic.PC
Impeller	Plastic.POM
Shaft	AISI 304 SS
Shaft coupling	AISI 304 SS
Wear ring	AISI 304 SS
Motor external casing	AISI 304 SS
Top chock	AISI 304 SS
Bottom support	AISI 304 SS
Mechanical seal	Special seal for deep well(Graphite-Ceramic)
Shaft	AISI 304 SS
Seal lubricant oil	Oil for food machinery and pharmaceutic use.



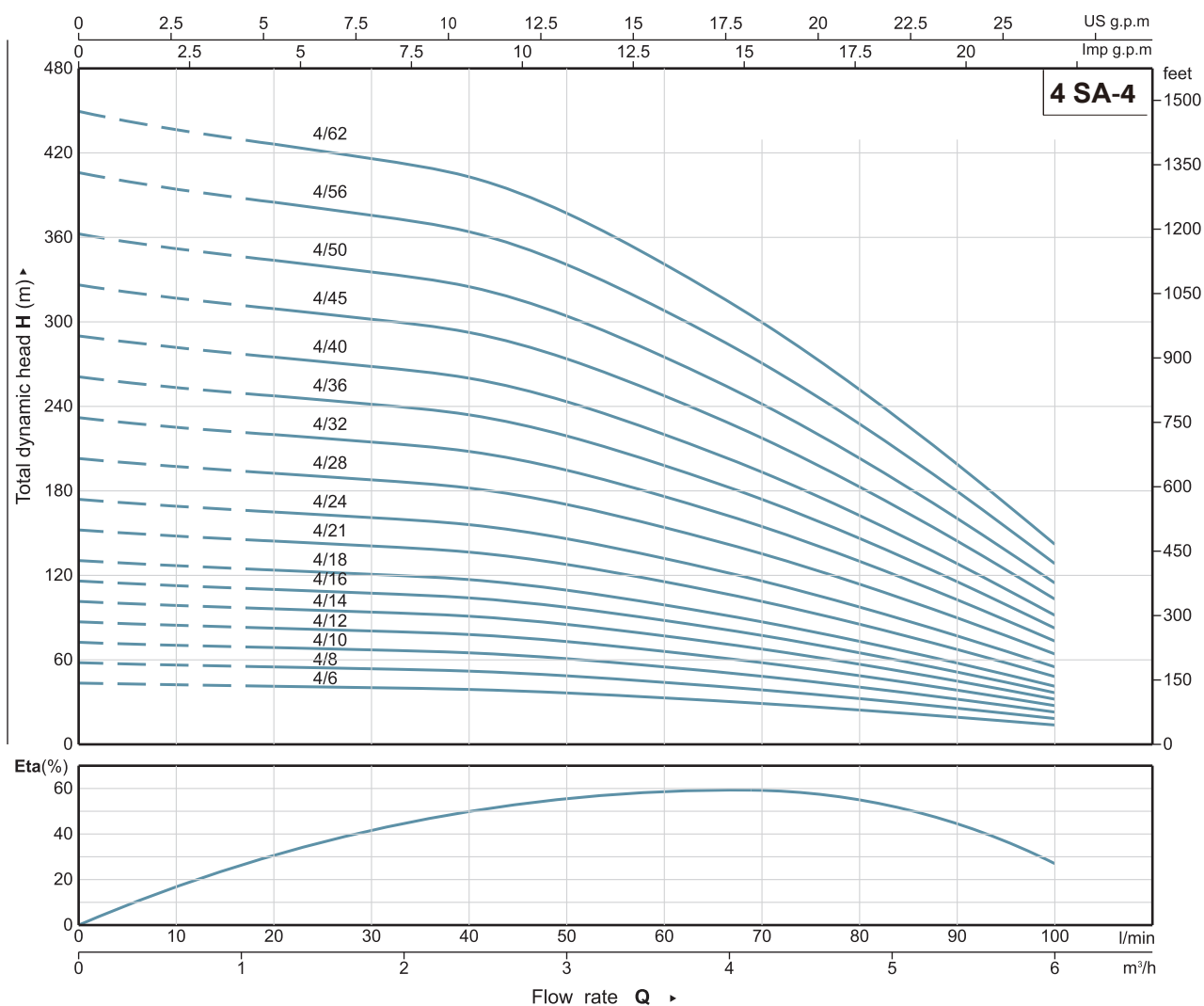
PERFORMANCE DATA 50Hz

MODEL		P ₂		DELIVERY														
1~ 220 - 240V	3~ 380 - 415V	kW	HP	Q	n≈2850 1/min													
					m ³ /h	0	0.3	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.7	3.0	3.3	
				l/min	0	5	10	15	20	25	30	35	40	45	50	55		
M2/7	2/7	0.25	0.33	H(m)	50	49	49	48	47	45	42	39	36	32	27	22		
M2/9	2/9	0.37	0.5		64	63	63	62	60	58	54	51	47	41	35	29		
M2/12	2/12	0.55	0.75		85	84	84	83	80	77	72	68	62	54	47	38		
M2/15	2/15	0.75	1		106	105	105	103	100	96	90	85	78	68	59	48		
M2/18	2/18	0.92	1.25		127	126	125	124	120	116	108	102	93	82	71	58		
M2/21	2/21	1.1	1.5		149	147	146	145	140	135	126	118	109	95	82	67		
M2/24	2/24	1.3	1.75		170	168	167	165	160	154	144	135	124	109	94	77		
M2/28	2/28	1.5	2		198	196	195	193	187	180	168	158	145	127	110	90		
M2/32	2/32	1.8	2.5		227	224	223	221	214	206	192	181	166	145	126	103		
M2/37	2/37	2.2	3		262	259	258	255	247	238	222	209	191	168	145	119		
-	2/42	2.6	3.5		297	294	293	289	280	270	252	237	217	190	165	135		
-	2/47	3	4		333	329	328	324	314	302	282	265	243	213	184	151		
-	2/52	3.7	5		368	364	362	358	347	334	312	293	269	236	204	167		
-	2/58	4	5.5		411	406	404	400	387	372	348	327	300	263	227	186		
-	2/64	5	7		453	448	446	441	427	411	384	361	331	290	251	205		



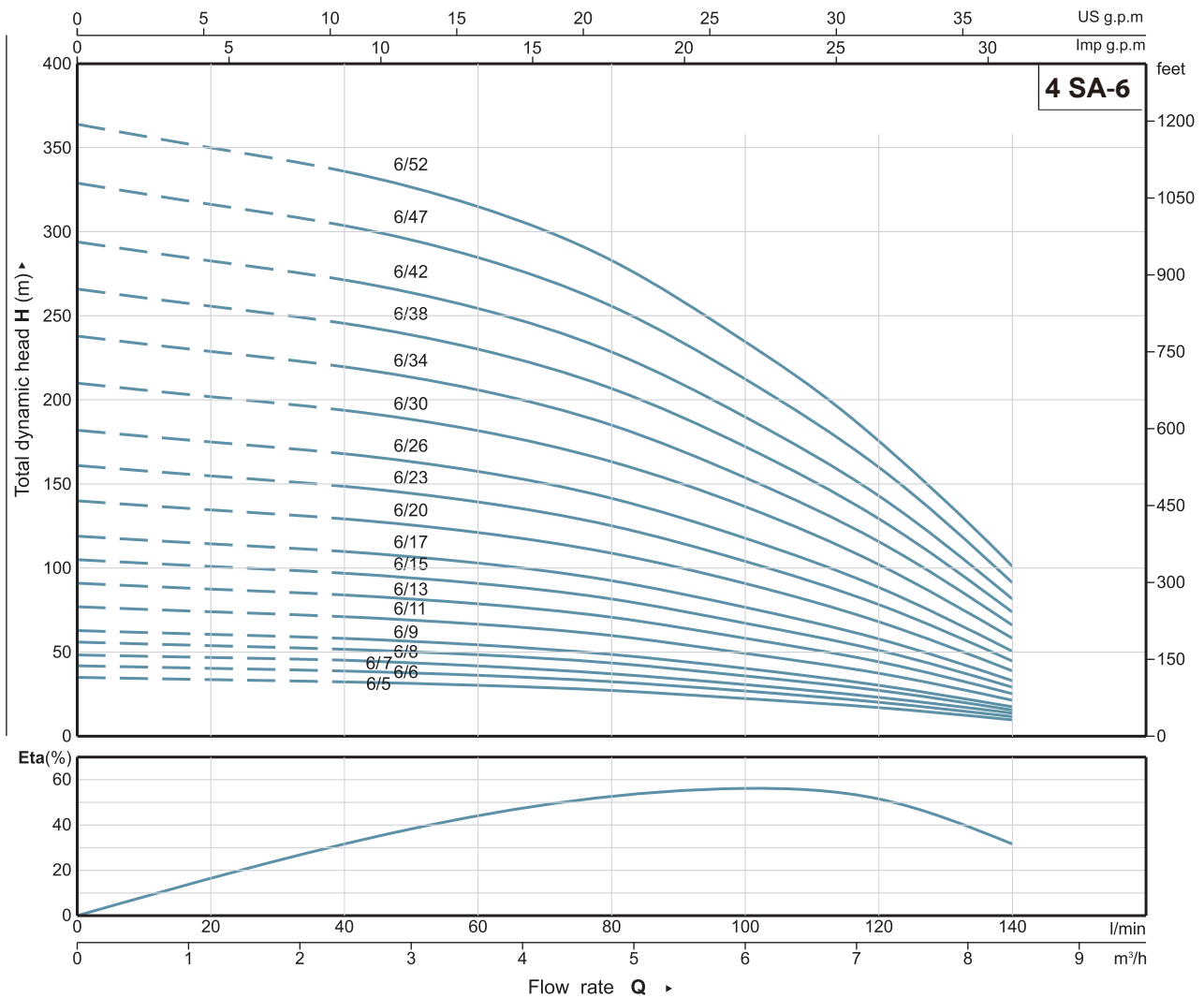
PERFORMANCE DATA 50Hz

MODEL		P ₂		DELIVERY										
1~ 220 - 240V	3~ 380 - 415V	kW	HP	Q	n≈2850 1/min									
					m ³ /h	0	0.6	1.2	1.8	2.4	3.0	3.6	4.2	4.8
				l/min	0	10	20	30	40	50	60	70	80	
M3/5	3/5	0.25	0.33	H(m)	36	35	34	32	29	25	20	14	7	
M3/7	3/7	0.37	0.5		50	49	47	45	41	35	28	20	10	
M3/10	3/10	0.55	0.75		72	70	68	64	58	50	40	29	15	
M3/13	3/13	0.75	1		93	91	88	83	76	66	53	38	19	
M3/15	3/15	0.92	1.25		108	105	102	96	88	76	61	43	22	
M3/18	3/18	1.1	1.5		129	126	122	115	105	91	73	52	27	
M3/20	3/20	1.3	1.75		144	140	135	128	117	101	81	58	30	
M3/22	3/22	1.5	2		158	154	149	141	128	111	89	64	33	
M3/26	3/26	1.8	2.5		187	182	176	166	152	131	105	75	39	
M3/30	3/30	2.2	3		215	210	203	192	175	151	121	87	45	
M3/35	3/35	2.6	3.5		251	245	237	224	204	177	142	101	52	
-	3/40	3	4		287	280	271	255	234	202	162	115	60	
-	3/45	3.7	5		323	315	305	287	263	227	182	130	67	
-	3/50	4	5.5		359	350	339	319	292	252	202	144	75	
-	3/56	5	7	402	392	379	358	327	283	227	162	84		
-	3/62	5.5	7.5	445	434	420	396	362	313	251	179	93		



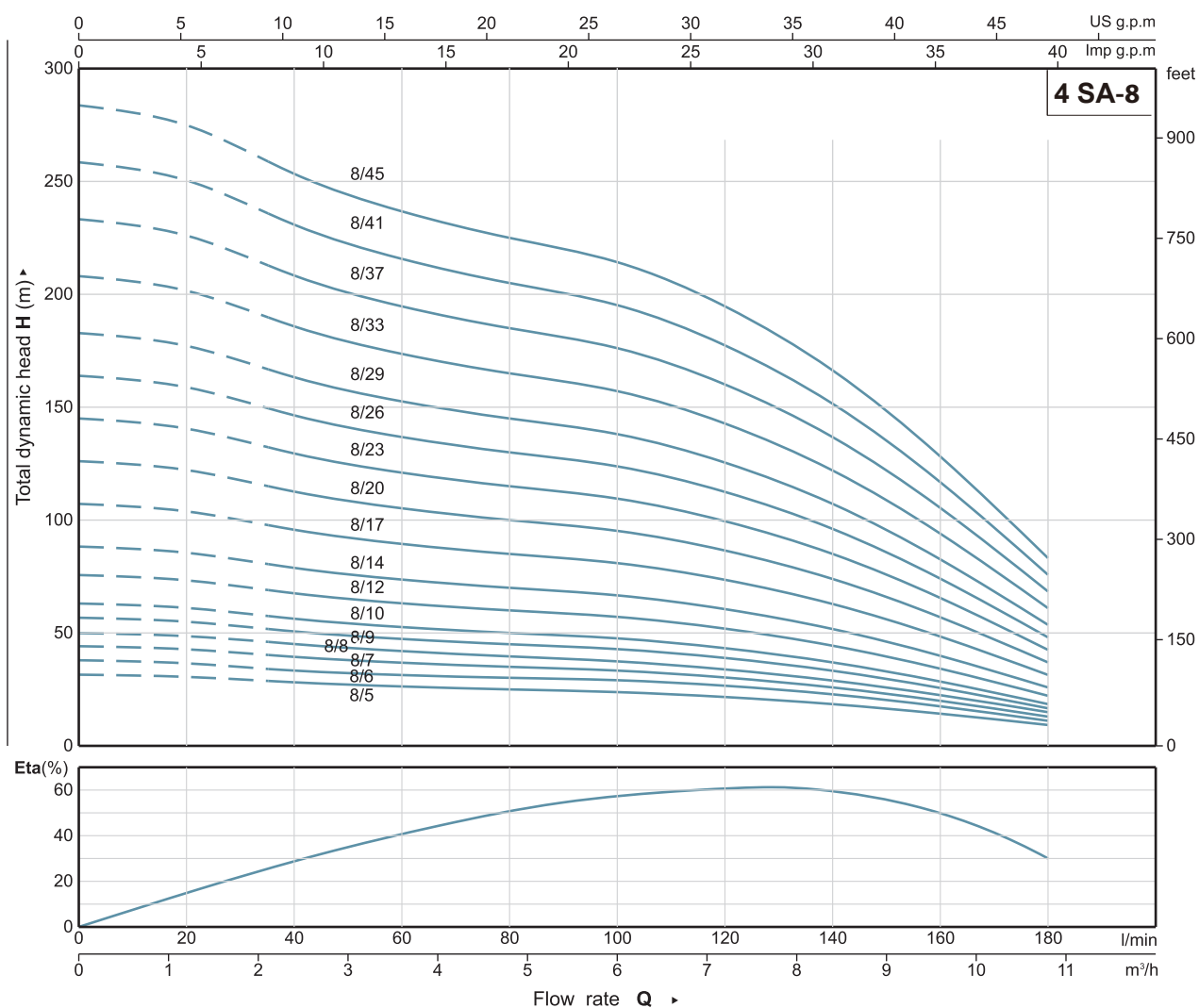
PERFORMANCE DATA 50Hz

MODEL		P ₂		DELIVERY															
1~ 220 - 240V	3~ 380 - 415V	kW	HP	Q	n≈2850 1/min														
					m^3/h	0	0.6	1.2	1.8	2.4	3.0	3.6	4.2	4.8	5.4	6.0			
				l/min	0	10	20	30	40	50	60	70	80	90	100				
M4/6	4/6	0.37	0.5	H(m)	44	42	41	40	39	36	33	29	24	19	14				
M4/8	4/8	0.55	0.75		58	56	55	54	52	49	44	39	33	26	18				
M4/10	4/10	0.75	1		73	70	69	67	65	61	55	48	41	32	23				
M4/12	4/12	0.92	1.25		87	84	82	81	78	73	66	58	49	39	27				
M4/14	4/14	1.1	1.5		102	98	96	94	91	85	77	68	57	45	32				
M4/16	4/16	1.3	1.75		116	113	110	107	104	97	88	77	65	51	37				
M4/18	4/18	1.5	2		131	127	124	121	117	109	99	87	73	58	41				
M4/21	4/21	1.8	2.5		152	148	144	141	136	128	115	102	85	67	48				
M4/24	4/24	2.2	3		174	169	165	161	156	146	132	116	98	77	55				
M4/28	4/28	2.6	3.5		203	197	192	188	182	170	154	135	114	90	64				
-	4/32	3	4		232	225	220	215	208	195	176	155	130	103	73				
-	4/36	3.7	5		261	253	247	242	234	219	198	174	146	116	82				
-	4/40	4	5.5		290	281	275	268	260	243	220	194	163	128	92				
-	4/45	5	7		327	316	309	302	293	274	248	218	183	144	103				
-	4/50	5.5	7.5		363	352	344	335	325	304	275	242	203	160	115				
-	4/56	7	10		406	394	385	376	364	341	308	271	228	180	128				
-	4/62	7.5	10	450	436	426	416	403	377	341	300	252	199	142					



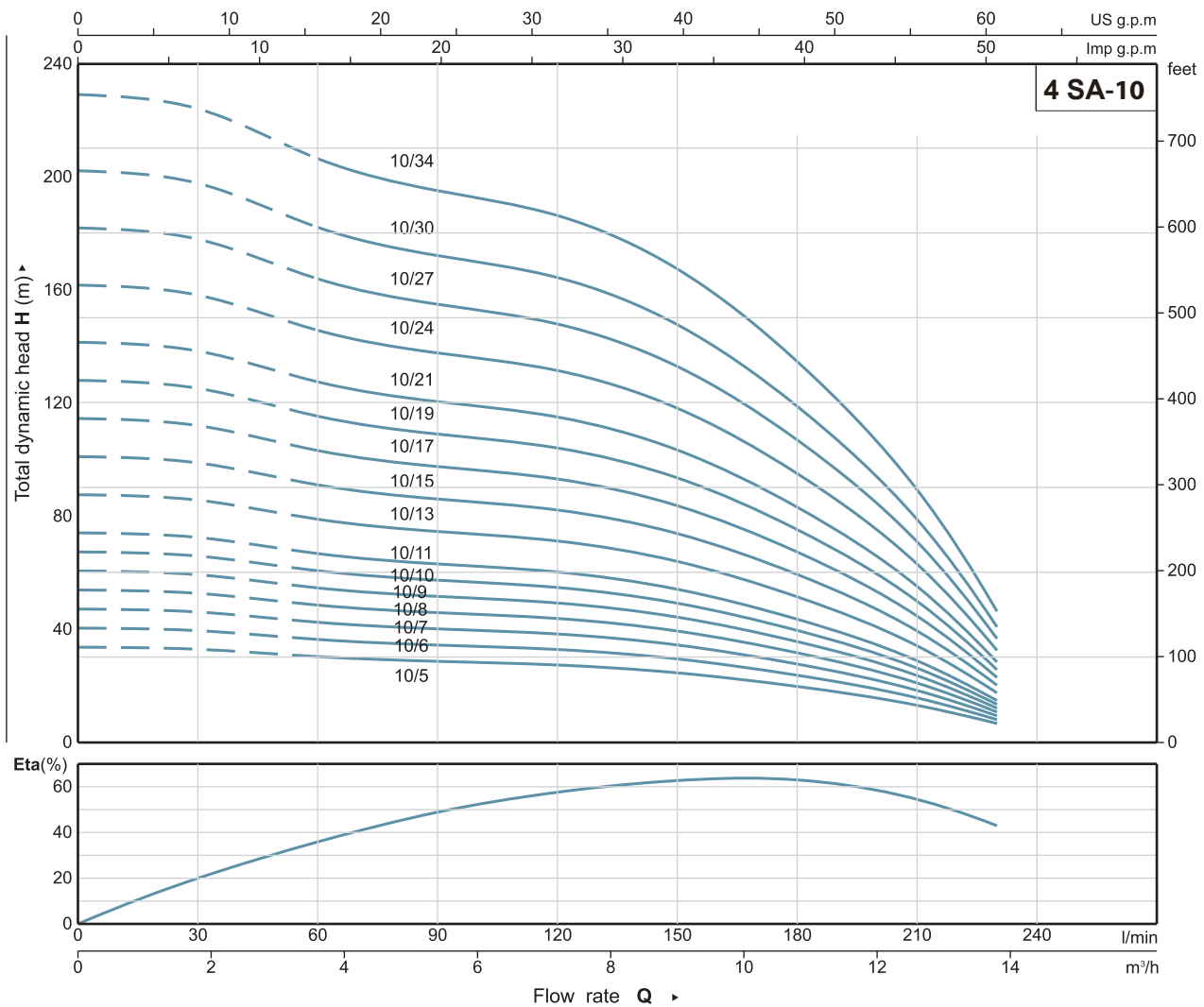
PERFORMANCE DATA 50Hz

MODEL		P ₂		Q	DELIVERY							
1~ 220 - 240V	3~ 380 - 415V	kW	HP		n≈2850 1/min							
					0	1.2	2.4	3.6	4.8	6.0	7.2	8.4
				0	20	40	60	80	100	120	140	
M6/5	6/5	0.37	0.5	H(m)	35	34	32	30	27	22	17	10
M6/6	6/6	0.55	0.75		42	40	39	36	33	27	20	12
M6/7	6/7	0.75	1		49	47	45	42	38	31	24	14
M6/8	6/8	0.75	1		56	54	52	48	44	36	27	16
M6/9	6/9	0.92	1.25		63	61	58	55	49	40	31	17
M6/11	6/11	1.1	1.5		77	74	71	67	60	49	37	21
M6/13	6/13	1.3	1.75		91	88	84	79	71	58	44	25
M6/15	6/15	1.5	2		105	101	97	91	82	67	51	29
M6/17	6/17	1.8	2.5		119	114	110	103	93	76	58	33
M6/20	6/20	2.2	3		140	135	129	121	109	90	68	39
M6/23	6/23	2.6	3.5		161	155	149	139	125	103	78	45
-	6/26	3	4		182	175	168	158	142	117	88	51
-	6/30	3.7	5		210	202	194	182	163	134	102	58
-	6/34	4	5.5		238	229	220	206	185	152	116	66
-	6/38	5	7		266	256	246	230	207	170	129	74
-	6/42	5.5	7.5		294	283	271	254	229	188	143	82
-	6/47	7	10		329	316	304	285	256	211	160	91
-	6/52	7.5	10		364	350	336	315	283	233	177	101



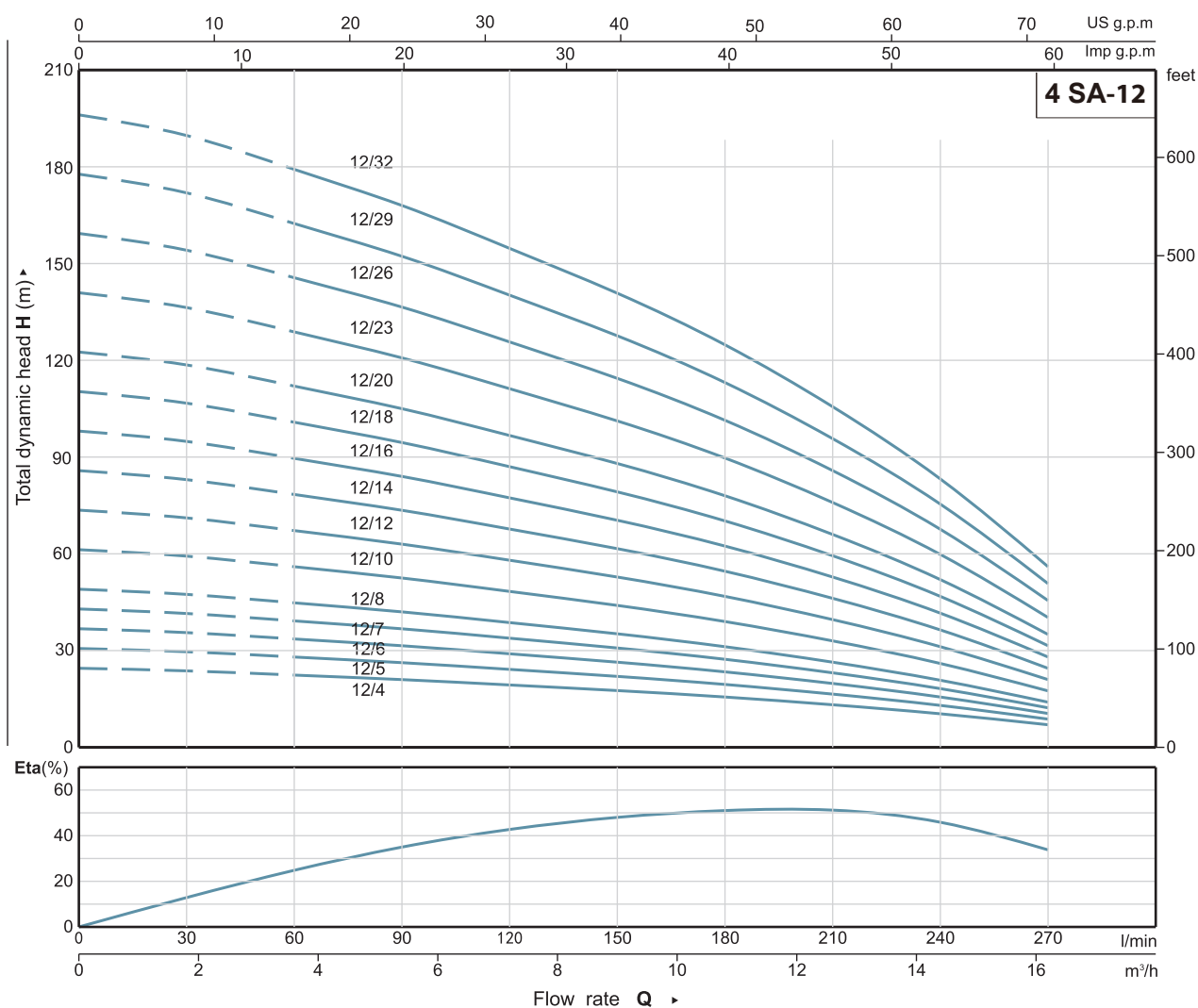
PERFORMANCE DATA 50Hz

MODEL		P ₂		DELIVERY n≈2850 1/min													
1~ 220 - 240V	3~ 380 - 415V	kW	HP	Q m ³ /h l/min	0	1.2	2.4	3.6	4.8	6.0	7.2	8.4	9.6	10.8			
					0	20	40	60	80	100	120	140	160	180			
M8/5	8/5	0.55	0.75	H(m)	32	31	28	26	25	24	22	18	14	9			
M8/6	8/6	0.75	1		38	37	33	32	30	28	26	22	17	11			
M8/7	8/7	0.75	1		44	43	39	37	35	33	30	26	20	13			
M8/8	8/8	0.92	1.25		50	49	45	42	40	38	35	30	23	15			
M8/9	8/9	1.1	1.5		57	55	51	47	45	43	39	33	26	17			
M8/10	8/10	1.3	1.75		63	61	56	53	50	48	43	37	28	18			
M8/12	8/12	1.5	2		76	73	67	63	60	57	52	44	34	22			
M8/14	8/14	1.8	2.5		88	86	79	74	70	67	61	52	40	26			
M8/17	8/17	2.2	3		107	104	96	90	85	81	74	63	48	31			
M8/20	8/20	2.6	3.5		126	122	112	105	100	95	87	74	57	37			
-	8/23	3	4		145	141	129	121	115	109	100	85	65	42			
-	8/26	3.7	5		164	159	146	137	130	124	113	96	74	48			
-	8/29	4	5.5		183	177	163	153	145	138	126	107	82	53			
-	8/33	5	7		208	202	186	174	165	157	143	122	94	61			
-	8/37	5.5	7.5		234	226	208	195	185	176	160	136	105	68			
-	8/41	7	10		259	251	231	216	205	195	178	151	117	76			
-	8/45	7.5	10		284	275	253	237	225	214	195	166	128	83			



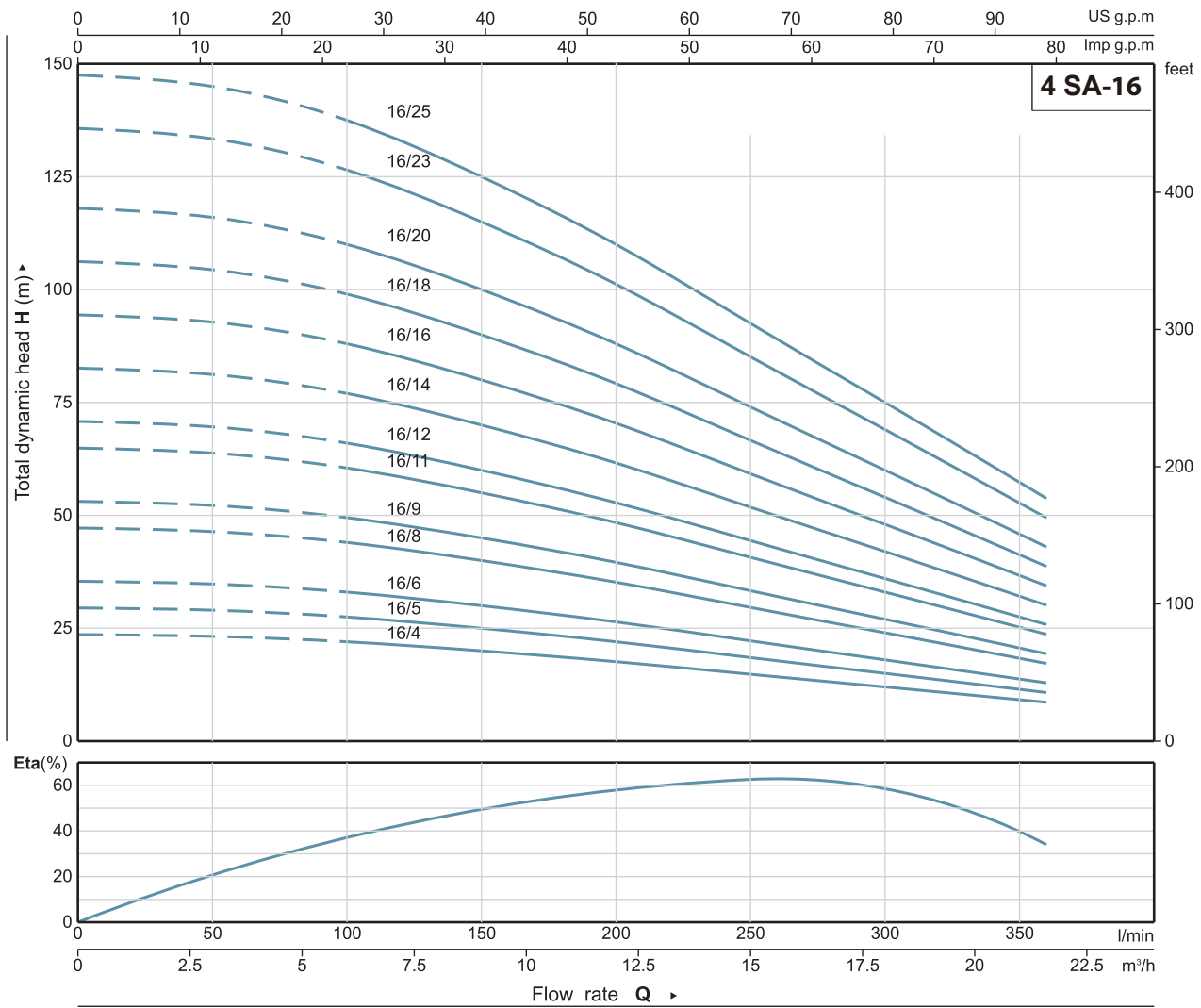
PERFORMANCE DATA 50Hz

MODEL		P ₂		DELIVERY n≈2850 1/min										
1~ 220 - 240V	3~ 380 - 415V	kW	HP	Q	0	1.8	3.6	5.4	7.2	9.0	10.8	12.6	13.8	
					m³/h	0	30	60	90	120	150	180	210	230
M10/5	10/5	0.75	1	H(m)	34	33	30	29	27	25	20	13	7	
M10/6	10/6	0.92	1.25		40	40	37	34	33	29	24	16	8	
M10/7	10/7	1.1	1.5		47	46	43	40	38	34	28	19	10	
M10/8	10/8	1.3	1.75		54	53	49	46	44	39	32	21	11	
M10/9	10/9	1.5	2		61	59	55	52	49	44	36	24	12	
M10/10	10/10	1.5	2		67	66	61	57	55	49	40	26	14	
M10/11	10/11	1.8	2.5		74	72	67	63	60	54	44	29	15	
M10/13	10/13	2.2	3		88	86	79	75	71	64	52	34	18	
M10/15	10/15	2.6	3.5		101	99	91	86	82	74	60	40	21	
-	10/17	3	4		115	112	104	97	93	83	67	45	23	
-	10/19	3.7	5		128	125	116	109	104	93	75	50	26	
-	10/21	4	5.5		141	138	128	120	115	103	83	56	29	
-	10/24	5	7		162	158	146	138	131	118	95	64	33	
-	10/27	5.5	7.5		182	178	164	155	148	133	107	71	37	
-	10/30	7	10	202	198	183	172	164	147	119	79	41		
-	10/34	7.5	10	229	224	207	195	186	167	135	90	47		



PERFORMANCE DATA 50Hz

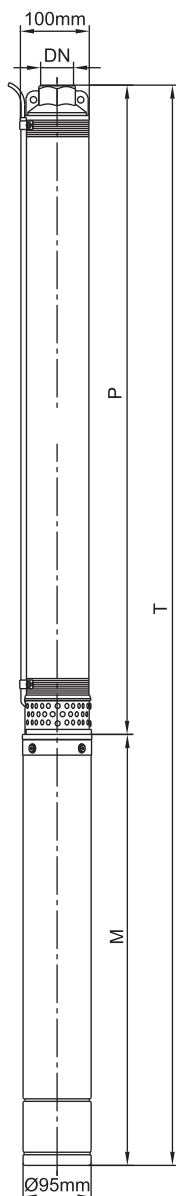
MODEL		P ₂		DELIVERY n≈2850 1/min												
1~ 220 - 240V	3~ 380 - 415V	kW	HP	Q	m ³ /h	0	1.8	3.6	5.4	7.2	9.0	10.8	12.6	14.4	16.2	
					l/min	0	30	60	90	120	150	180	210	240	270	
M12/4	12/4	0.75	1	H(m)	25	24	22	21	19	18	16	13	10	7		
M12/5	12/5	0.92	1.25		31	30	28	26	24	22	20	17	13	8		
M12/6	12/6	1.1	1.5		37	36	34	31	29	26	23	20	16	10		
M12/7	12/7	1.3	1.75		43	42	39	36	34	31	27	23	18	12		
M12/8	12/8	1.5	2		49	48	45	42	39	35	31	27	21	14		
M12/10	12/10	1.8	2.5		61	59	56	52	48	44	39	33	26	17		
M12/12	12/12	2.2	3		74	71	67	62	58	53	47	40	31	20		
-	12/14	2.6	3.5		86	83	78	73	67	62	55	46	36	24		
-	12/16	3	4		98	95	90	83	77	71	63	53	42	27		
-	12/18	3.7	5		110	107	101	93	87	79	70	60	47	30		
-	12/20	4	5.5		123	119	112	104	96	88	78	66	52	34		
-	12/23	5	7		141	137	129	119	111	101	90	76	60	39		
-	12/26	5.5	7.5		159	154	145	135	125	115	102	86	67	44		
-	12/29	7	10	178	172	162	150	140	128	113	96	75	49			
-	12/32	7.5	10	196	190	179	166	154	141	125	106	83	54			



PERFORMANCE DATA 50Hz

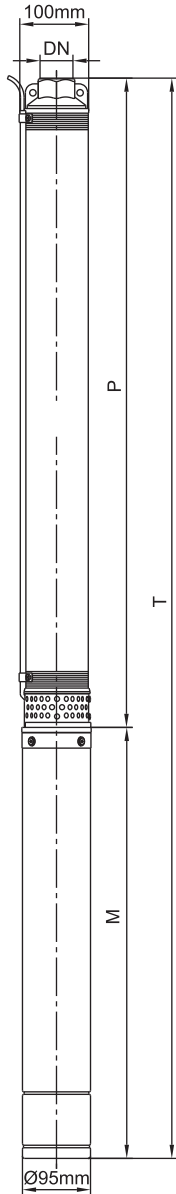
MODEL		P ₂		DELIVERY									
1~ 220 - 240V	3~ 380 - 415V	kW	HP	Q	n≈2850 1/min								
					m ³ /h l/min	0 0	3 50	6 100	9 150	12 200	15 250	18 300	21 350
M16/4	16/4	1.1	1.5	H(m)	24	23	22	20	18	15	12	9	
M16/5	16/5	1.3	1.75		30	29	28	25	22	19	15	11	
M16/6	16/6	1.5	2		36	35	33	30	26	22	18	13	
M16/8	16/8	1.8	2.5		47	46	44	40	35	30	24	17	
M16/9	16/9	2.2	3		53	52	50	45	40	33	27	19	
M16/11	16/11	2.6	3.5		65	64	61	55	48	41	33	24	
-	16/12	3	4		71	70	66	60	53	45	36	26	
-	16/14	3.7	5		83	81	77	70	62	52	42	30	
-	16/16	4	5.5		95	93	88	80	70	60	48	35	
-	16/18	5	7		107	104	99	90	79	67	54	39	
-	16/20	5.5	7.5		118	116	110	100	88	74	60	43	
-	16/23	7	10		136	133	127	115	101	86	69	50	
-	16/25	7.5	10		148	145	138	125	110	93	75	54	

DIMENSION AND WEIGHT



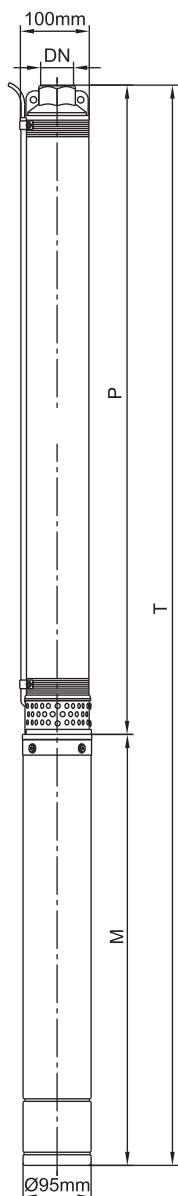
MODEL		DN	DIMENSION(mm)					WEIGHT(kg)				
1 ~ 220 - 240V	3 ~ 380 - 415V		P	M(S)	M(T)	T(S)	T(T)	P	M(S)	M(T)	T(S)	T(T)
M2/7	2/7	1"1/4"/1 1/2"	392	299	299	691	691	3.3	5.5	5.8	8.8	9.1
M2/9	2/9	1"1/4"/1 1/2"	440	314	314	754	754	3.8	6.7	6.7	10.5	10.5
M2/12	2/12	1"1/4"/1 1/2"	514	329	329	843	843	4.6	7.3	7.3	11.9	11.9
M2/15	2/15	1"1/4"/1 1/2"	587	359	344	946	931	5.2	8.7	8.0	13.9	13.2
M2/18	2/18	1"1/4"/1 1/2"	660	379	379	1039	1039	6.0	9.8	9.8	15.8	15.8
M2/21	2/21	1"1/4"/1 1/2"	765	399	379	1164	1144	6.7	10.6	9.8	17.3	16.5
M2/24	2/24	1"1/4"/1 1/2"	838	424	424	1262	1262	7.5	11.7	11.7	19.2	19.2
M2/28	2/28	1"1/4"/1 1/2"	936	449	424	1385	1360	8.4	12.9	11.7	21.3	20.1
M2/32	2/32	1"1/4"/1 1/2"	1033	514	514	1547	1547	9.4	15.7	15.7	25.1	25.1
M2/37	2/37	1"1/4"/1 1/2"	1155	554	514	1709	1669	10.7	17.7	15.7	28.4	26.4
M2/42	2/42	1"1/4"/1 1/2"	1309	594	554	1903	1863	11.9	19.8	17.7	31.7	29.6
-	2/47	1"1/4"/1 1/2"	1431	-	594	-	2025	13.1	-	19.8	-	32.9
-	2/52	1"1/4"/1 1/2"	1553	-	629	-	2182	14.3	-	21.4	-	35.7
-	2/58	1"1/4"/1 1/2"	1699	-	669	-	2368	15.8	-	23.7	-	39.5
-	2/64	1"1/4"/1 1/2"	1845	-	709	-	2554	17.3	-	25.5	-	42.8
M3/5	3/5	1/4"/1 1/2"	355	299	299	654	654	2.8	5.5	5.8	8.3	8.6
M3/7	3/7	1/4"/1 1/2"	409	314	314	723	723	3.4	6.7	6.7	10.1	10.1
M3/10	3/10	1/4"/1 1/2"	490	329	329	814	819	4.1	7.3	7.3	11.4	11.4
M3/13	3/13	1/4"/1 1/2"	571	359	344	930	915	4.9	8.7	8.0	13.6	12.9
M3/15	3/15	1/4"/1 1/2"	624	379	379	1003	1003	5.4	9.8	9.8	15.2	15.2
M3/18	3/18	1/4"/1 1/2"	737	399	379	1136	1116	6.2	10.6	9.8	16.8	16.0
M3/20	3/20	1/4"/1 1/2"	790	424	424	1214	1214	6.7	11.7	11.7	18.4	18.4
M3/22	3/22	1/4"/1 1/2"	844	449	424	1293	1268	7.3	12.9	11.7	20.2	19.0
M3/26	3/26	1/4"/1 1/2"	952	502	514	1454	1466	8.3	15.7	15.7	24.0	24.0
M3/30	3/30	1/4"/1 1/2"	1059	542	514	1601	1573	9.3	17.7	15.7	27.0	25.0
M3/35	3/35	1/4"/1 1/2"	1194	594	554	1664	1748	10.6	19.8	17.7	30.4	28.3
-	3/40	1/4"/1 1/2"	1360	-	594	-	1954	11.9	-	19.8	-	31.7
-	3/45	1/4"/1 1/2"	1494	-	658	-	2152	13.2	-	21.4	-	34.6
-	3/50	1/4"/1 1/2"	1629	-	698	-	2327	14.5	-	23.7	-	38.2
-	3/56	1/4"/1 1/2"	1790	-	738	-	2528	16.1	-	25.5	-	41.6
-	3/62	1/4"/1 1/2"	1983	-	788	-	2771	17.6	-	28.0	-	45.6
M4/6	4/6	1/4"/1 1/2"/12"	396	314	314	710	710	3.2	6.7	6.7	9.9	9.9
M4/8	4/8	1/4"/1 1/2"/12"	454	329	329	783	783	3.7	7.3	7.3	11.0	11.0
M4/10	4/10	1/4"/1 1/2"/12"	513	359	344	872	857	4.3	8.7	8.0	13.0	12.3
M4/12	4/12	1/4"/1 1/2"/12"	571	379	379	950	950	4.8	9.8	9.8	14.6	14.6
M4/14	4/14	1/4"/1 1/2"/12"	630	399	379	1029	1009	5.3	10.6	9.8	15.9	15.1
M4/16	4/16	1/4"/1 1/2"/12"	688	424	424	1112	1112	5.9	11.7	11.7	17.6	17.6
M4/18	4/18	1/4"/1 1/2"/12"	778	449	424	1227	1202	6.4	12.9	11.7	19.3	18.1
M4/21	4/21	1/4"/1 1/2"/12"	866	502	514	1368	1380	7.2	15.7	15.7	22.9	22.9
M4/24	4/24	1/4"/1 1/2"/12"	953	542	514	1495	1467	8.1	17.7	15.7	25.8	23.8
M4/28	4/28	1/4"/1 1/2"/12"	1070	594	554	1664	1624	9.1	19.8	17.7	28.9	26.8
-	4/32	1/4"/1 1/2"/12"	1187	-	594	-	1781	10.2	-	19.8	-	30.0
-	4/36	1/4"/1 1/2"/12"	1335	-	658	-	1993	11.3	-	21.4	-	32.7
-	4/40	1/4"/1 1/2"/12"	1452	-	698	-	2150	12.4	-	23.7	-	36.1
-	4/45	1/4"/1 1/2"/12"	1598	-	738	-	2336	13.7	-	25.5	-	39.2
-	4/50	1/4"/1 1/2"/12"	1744	-	788	-	2532	15.1	-	28.0	-	43.1
-	4/56	1/4"/1 1/2"/12"	1951	-	848	-	2799	16.7	-	30.0	-	46.7
-	4/62	1/4"/1 1/2"/12"	2126	-	908	-	3034	18.4	-	34.0	-	52.4

DIMENSION AND WEIGHT



MODEL		DN	DIMENSION(mm)					WEIGHT(kg)				
1 ~ 220 - 240V	3 ~ 380 - 415V		P	M(s)	M(T)	T(s)	T(T)	P	M(s)	M(T)	T(s)	T(T)
M6/5	6/5	1¼"/1½"/2"	400	314	314	714	714	3.0	6.7	6.7	9.7	9.7
M6/6	6/6	1¼"/1½"/2"	435	344	344	779	779	3.3	8.0	8.0	11.3	11.3
M6/7	6/7	1¼"/1½"/2"	469	344	344	813	813	3.6	8.0	8.0	11.6	11.6
M6/8	6/8	1¼"/1½"/2"	510	359	359	869	869	3.8	8.7	8.7	12.5	12.5
M6/9	6/9	1¼"/1½"/2"	538	379	379	917	917	4.1	9.8	9.8	13.9	13.9
M6/11	6/11	1¼"/1½"/2"	607	399	379	1006	986	4.7	10.6	9.8	15.3	14.5
M6/13	6/13	1¼"/1½"/2"	642	424	424	1066	1066	5.0	11.7	11.7	16.7	16.7
M6/15	6/15	1¼"/1½"/2"	742	449	424	1191	1166	5.6	12.9	11.7	18.5	17.3
M6/17	6/17	1¼"/1½"/2"	846	502	514	1348	1360	6.4	15.7	15.7	22.1	22.1
M6/20	6/20	1¼"/1½"/2"	949	542	514	1491	1463	7.3	17.7	15.7	25.0	23.0
M6/23	6/23	1¼"/1½"/2"	1053	594	554	1647	1607	8.1	19.8	17.7	27.9	25.8
-	6/26	1¼"/1½"/2"	1156	-	594	-	1750	9.0	-	19.8	-	28.8
-	6/30	1¼"/1½"/2"	1326	-	658	-	1984	10.1	-	21.4	-	31.5
-	6/34	1¼"/1½"/2"	1464	-	698	-	2162	11.3	-	23.7	-	35.0
-	6/38	1¼"/1½"/2"	1602	-	738	-	2340	12.4	-	25.5	-	37.9
-	6/42	1¼"/1½"/2"	1740	-	788	-	2528	13.6	-	28.0	-	41.6
-	6/47	1¼"/1½"/2"	1944	-	848	-	2792	15.0	-	30.0	-	45.0
-	6/52	1¼"/1½"/2"	2116	-	908	-	3024	16.4	-	34.0	-	50.4
M8/5	8/5	1¼"/1½"/2"	456	344	344	800	800	3.2	8.0	8.0	11.2	11.2
M8/6	8/6	1¼"/1½"/2"	475	359	344	872	857	3.3	8.7	8.0	12.6	11.9
M8/7	8/7	1¼"/1½"/2"	494	359	344	853	838	3.6	8.7	8.0	12.3	11.6
M8/8	8/8	1¼"/1½"/2"	532	379	379	911	911	3.9	9.8	9.8	13.7	13.7
M8/9	8/9	1¼"/1½"/2"	570	399	379	969	949	4.2	10.6	9.8	14.8	14.0
M8/10	8/10	1¼"/1½"/2"	609	424	424	1033	1033	4.5	11.7	11.7	16.2	16.2
M8/12	8/12	1¼"/1½"/2"	717	449	424	1165	1141	5.1	12.9	11.7	18.0	16.8
M8/14	8/14	1¼"/1½"/2"	793	502	514	1295	1307	5.7	15.7	15.7	21.4	21.4
M8/17	8/17	1¼"/1½"/2"	907	542	514	1449	1421	6.6	17.7	15.7	24.3	22.3
M8/20	8/20	1¼"/1½"/2"	1021	594	554	1615	1575	7.5	19.8	17.7	27.3	25.2
-	8/23	1¼"/1½"/2"	1136	-	594	-	1730	8.4	-	19.8	-	28.2
-	8/26	1¼"/1½"/2"	1250	-	658	-	1908	9.2	-	21.4	-	30.6
-	8/29	1¼"/1½"/2"	1396	-	698	-	2094	10.1	-	23.7	-	33.8
-	8/33	1¼"/1½"/2"	1548	-	738	-	2286	11.3	-	25.5	-	36.8
-	8/37	1¼"/1½"/2"	1701	-	788	-	2489	12.5	-	28.0	-	40.5
-	8/41	1¼"/1½"/2"	1884	-	848	-	2732	13.7	-	30.0	-	43.7
-	8/45	1¼"/1½"/2"	2037	-	908	-	2945	14.9	-	34.0	-	48.9
M10/5	10/5	1½"/2"	418	359	344	777	762	3.0	8.7	8.0	11.7	11.0
M10/6	10/6	1½"/2"	456	379	379	835	835	3.3	9.8	9.8	13.1	13.1
M10/7	10/7	1½"/2"	494	399	379	893	873	3.6	10.6	9.8	14.2	13.4
M10/8	10/8	1½"/2"	532	424	424	956	956	3.9	11.7	11.7	15.6	15.6
M10/9	10/9	1½"/2"	570	449	424	1019	994	4.2	12.9	11.7	17.1	15.9
M10/10	10/10	1½"/2"	608	449	424	1057	1032	4.5	12.9	11.7	17.4	16.2
M10/11	10/11	1½"/2"	646	502	514	1148	1160	4.8	15.7	15.7	20.5	20.5
M10/13	10/13	1½"/2"	722	542	514	1264	1236	5.4	17.7	15.7	23.1	21.1
M10/15	10/15	1½"/2"	798	594	554	1392	1352	6.0	19.8	17.7	25.8	23.7
-	10/17	1½"/2"	874	-	594	-	1468	6.6	-	19.8	-	26.4
-	10/19	1½"/2"	950	-	658	-	1608	7.2	-	21.4	-	28.6
-	10/21	1½"/2"	1026	-	698	-	1724	7.8	-	23.7	-	31.5
-	10/24	1½"/2"	1140	-	738	-	1878	8.7	-	25.5	-	34.2
-	10/27	1½"/2"	1254	-	788	-	2042	9.6	-	28.0	-	37.6
-	10/30	1½"/2"	1368	-	848	-	2216	10.5	-	30.0	-	40.5
-	10/34	1½"/2"	1520	-	908	-	2428	11.7	-	34.0	-	45.7

DIMENSION AND WEIGHT



MODEL		DN	DIMENSION(mm)					WEIGHT(kg)				
1 ~ 220 - 240V	3 ~ 380 - 415V		P	M(s)	M(T)	T(s)	T(T)	P	M(s)	M(T)	T(s)	T(T)
M12/4	12/4	2"	452	359	344	811	796	3.1	8.7	8.0	11.8	11.1
M12/5	12/5	2"	508	379	379	887	887	3.5	9.8	9.8	13.3	13.3
M12/6	12/6	2"	564	399	379	963	943	3.8	10.6	9.8	14.4	13.6
M12/7	12/7	2"	620	424	424	1044	1044	4.2	11.7	11.7	15.9	15.9
M12/8	12/8	2"	676	449	424	1125	1100	4.6	12.9	11.7	17.5	16.3
M12/10	12/10	2"	819	502	514	1321	1334	5.4	15.7	15.7	21.1	21.1
M12/12	12/12	2"	931	542	514	1473	1445	6.1	17.7	15.7	23.8	21.8
M12/14	12/14	2"	1043	594	554	1637	1597	6.9	19.8	17.7	26.7	24.6
-	12/16	2"	1155	-	594	-	1749	7.6	-	19.8	-	27.4
-	12/18	2"	1298	-	658	-	1956	8.4	-	21.4	-	29.8
-	12/20	2"	1410	-	698	-	2108	9.2	-	23.7	-	32.9
-	12/23	2"	1578	-	738	-	2316	10.3	-	25.5	-	35.8
-	12/26	2"	1745	-	788	-	2533	11.4	-	28.0	-	39.4
-	12/29	2"	1944	-	848	-	2793	12.6	-	30.0	-	42.6
-	12/32	2"	2143	-	908	-	3020	13.7	-	34.0	-	47.7

MODEL		DN	DIMENSION(mm)					WEIGHT(kg)				
1 ~ 220 - 240V	3 ~ 380 - 415V		P	M(s)	M(T)	T(s)	T(T)	P	M(s)	M(T)	T(s)	T(T)
M16/4	16/4	2"	502	399	379	901	881	3.4	10.6	9.8	14.0	13.2
M16/5	16/5	2"	570	424	424	994	995	3.8	11.7	11.7	15.5	15.5
M16/6	16/6	2"	639	449	424	1088	1063	4.3	12.9	11.7	17.2	16.0
M16/8	16/8	2"	807	502	514	1309	1322	5.2	15.7	15.7	20.9	20.9
M16/9	16/9	2"	876	542	514	1418	1390	5.6	17.7	15.7	23.3	21.3
M16/11	16/11	2"	1013	594	554	1607	1567	6.5	19.8	17.7	26.3	24.2
-	16/12	2"	1081	-	594	-	1675	7.0	-	19.8	-	26.8
-	16/14	2"	1218	-	658	-	1876	7.9	-	21.4	-	29.3
-	16/16	2"	1386	-	698	-	2084	8.8	-	23.7	-	32.5
-	16/18	2"	1523	-	738	-	2261	9.7	-	25.5	-	35.2
-	16/20	2"	1660	-	788	-	2448	10.6	-	28.0	-	38.6
-	16/23	2"	1897	-	848	-	2745	11.9	-	30.0	-	41.9
-	16/25	2"	2034	-	908	-	2942	12.8	-	34.0	-	46.8

Applications

For water supply from wells or reservoirs
 For domestic use, for civil and industrial applications
 For garden use and irrigation

Operating conditions

Speed: 2850rpm
 Insulation class: F
 Protection grade: IP 68
 Maximum fluid temperature up to +35°C
 Minimum well diameter: 4"

Motor and Pump

Rewindable motor
Single-phase: 220 - 240V/50Hz
Three-phase: 380 - 415V/50Hz
 Equip with start control box or digital auto-control box
NEMA dimension standards

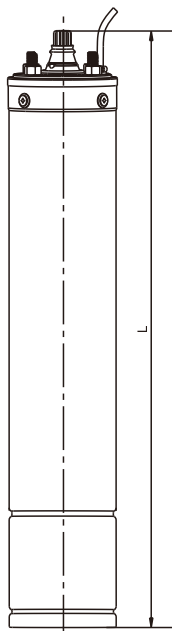
Options on request

Special mechanical seal
 Other voltages or frequency 60Hz
 Single phase motor with built-in capacitor



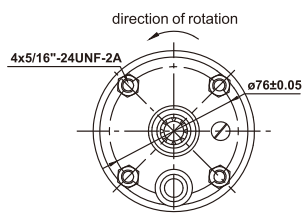
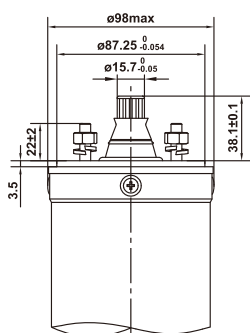
Components	Material
Motor external casing	AISI 304 SS
Top chock	Cast iron covered by stainless steel plate
Bottom support	AISI 304 SS
Mechanical seal	Special seal for deep well(Graphite-Ceramic)
Shaft	AISI 304 SS
Seal lubricant oil	Oil for food machinery and pharmaceutical use.

PERFORMANCE DATA 50Hz



MODEL	P ₂		n ≈ 2850 1/min						
	kW	HP	Voltage (V)	Ph	I _n (A)	cosφ	η (%)	L (mm)	Weight (kg)
4 SM 250	0.25	0.33	220-240V	1	2.5	0.93	52	326	5.5
4 SM 370	0.37	0.5			3.7	0.93	54	341	6.7
4 SM 550	0.55	0.75			4.7	0.93	57	356	7.3
4 SM 750	0.75	1			6.2	0.93	60	386	8.7
4 SM 920	0.92	1.25			6.6	0.93	64	406	9.8
4 SM 1100	1.1	1.5			8.0	0.93	63	426	10.6
4 SM 1300	1.3	1.75			9.0	0.93	64	451	11.7
4 SM 1500	1.5	2			10.5	0.93	65	476	12.9
4 SM 1800	1.8	2.5			13.0	0.93	65	511	15.7
4 SM 2200	2.2	3			15.0	0.93	66	581	17.7
4 SM 2600	2.6	3.5			17.8	0.93	67	591	19.8

MODEL	P ₂		n ≈ 2850 1/min						
	kW	HP	Voltage (V)	Ph	I _n (A)	cosφ	η (%)	L (mm)	Weight (kg)
4 S 250	0.25	0.33	380-415V	3	1.0	0.75	55	326	5.8
4 S 370	0.37	0.5			1.4	0.75	58	341	6.7
4 S 550	0.55	0.75			1.8	0.76	61	356	7.3
4 S 750	0.75	1			2.5	0.77	64	371	8.0
4 S 1100	1.1	1.5			3.2	0.78	67	406	9.8
4 S 1500	1.5	2			4.0	0.79	69	451	11.7
4 S 2200	2.2	3			6.0	0.80	71	541	15.7
4 S 2600	2.6	3.5			7.0	0.79	71	551	17.7
4 S 3000	3	4			8.0	0.81	72	621	19.8
4 S 3700	3.7	5			9.5	0.80	72	626	21.4
4 S 4000	4	5.5			10.0	0.82	74	725	23.7
4 S 5000	5.0	7.0			12.0	0.81	75	706	25.5
4 S 5500	5.5	7.5			12.0	0.83	75	815	28.0
4 S 7000	7	10			14.0	0.82	76	816	30.0
4 S 7500	7.5	10			15.0	0.84	76	875	34.0



MOTOR	POWER (kW)	THRUST LOAD	220V-50Hz	380V-50Hz	
			Stator and Rotor size		
4 "Motor	0,25	1500 N	d.90 x 50 mm	d.90 x 50 mm	
	0,37		d.90 x 65 mm	d.90 x 65 mm	
	0,55		d.90 x 80 mm	d.90 x 80 mm	
	0,75		d.90 x 110 mm	d.90 x 95 mm	
	0,92		d.90 x 130 mm	d.90 x 110 mm	
	1,1		d.90 x 150 mm	d.90 x 130 mm	
	1,3		d.90 x 175 mm	d.90 x 150 mm	
	1,5		d.90 x 200 mm	d.90 x 175 mm	
	1,8		d.90 x 235 mm	d.90 x 200 mm	
	2,2		d.90 x 275 mm	d.90 x 235 mm	
	2,6		d.90 x 315 mm	d.90 x 275 mm	
	3		3000 N		d.90 x 315 mm
	3,7	d.90 x 350 mm			d.90 x 350 mm
	4	d.90 x 390 mm			d.90 x 390 mm
	5	d.90 x 430 mm			d.90 x 430 mm
	5,5	d.90 x 480 mm			d.90 x 480 mm
	7	d.90 x 540 mm			d.90 x 540 mm
			4800 N		



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