

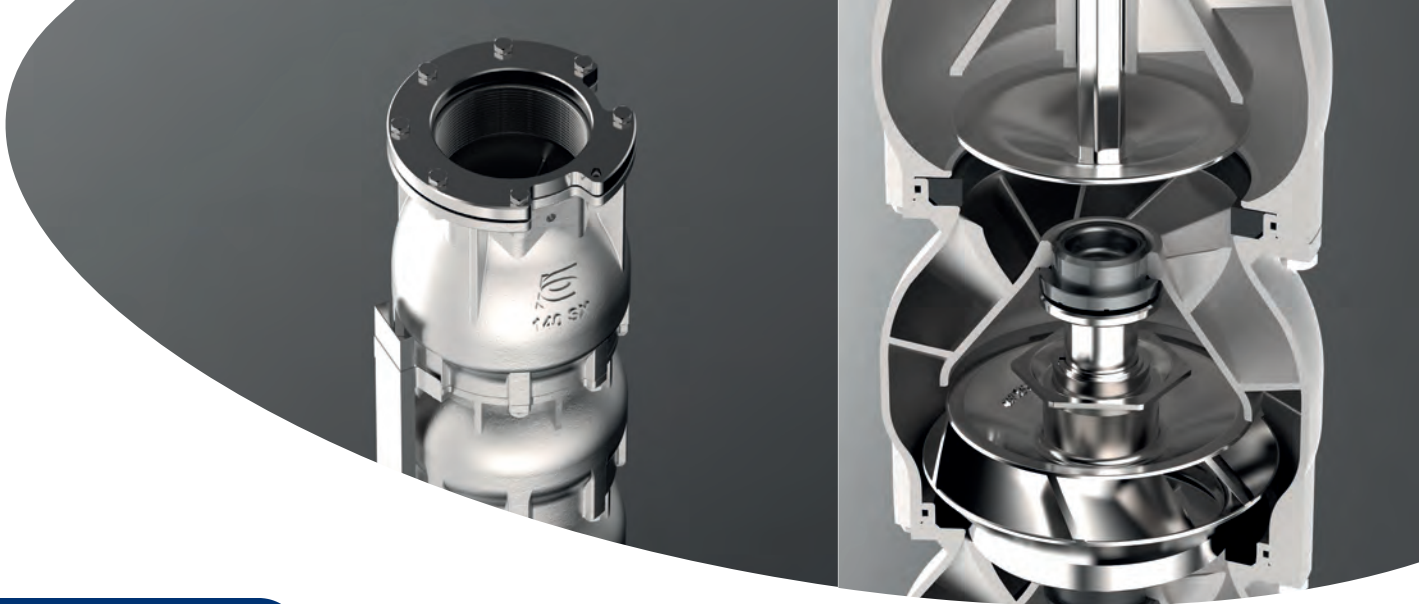


6", 8", 10" Semiaxial Submersible Pumps in Casted Stainless Steel

Made in Italy



Catalogo 60 Hz



6"/8"/10" SEMIAXIAL SUBMERSIBLE PUMP IN AISI 304 CASTED STAINLESS STEEL - 50 HZ

Casted stainless steel semiaxial pump

Available in: Aisi 304 - Aisi 316 Duplex

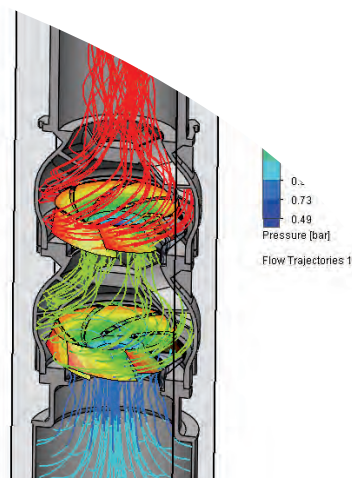
Casted stainless steel impeller and diffuser AISI 304

Heavy Duty construction

Superior efficiency: 77% - 84,5 %High Energy Saving



6" - 8" - 10" SX - 3





6"/8"/10" SEMIAXIAL SUBMERSIBLE PUMP IN AISI 304 CASTED STAINLESS STEEL - 50 HZ

6"/8"/10" SUBMERSIBLE SEMIAXIAL PUMPS SERIES 140/180/230 SX, IN AISI 304 CASTED STAINLESS STEEL Semi axial submersible pumps thanks to the design of impellers and diffusers are suitable for mid-high capacities up to mid Head values.

Suitable for clean water supply in domestic, industrial, pressure boosters, firefighting systems, irrigation and water system networks.

ADVANTAGES

Sistema innovative design and the most advanced micro casting technologies allow:

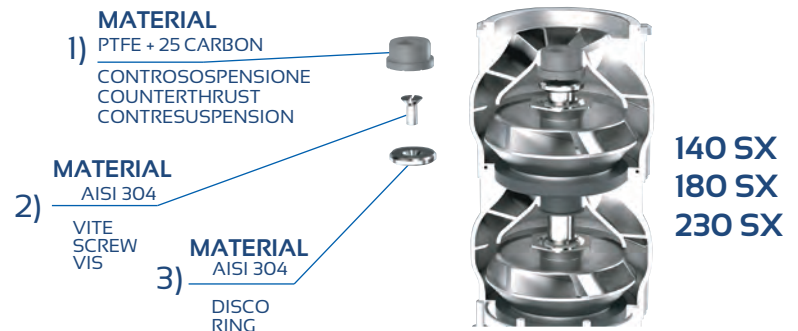
- High efficiency
- Longer life
- Easy assembly/ disassembly
- Low maintenance
- Low operating cost

MATERIALS

- Impellers, diffusers, suction cage and delivery bowl in AISI 304 casted stainless steel
- Pump shaft in AISI 304 stainless steel
- Wear rings, bearing buses, valve seal in NBR
- Counter thrust in PTFE+25% GRAFITE

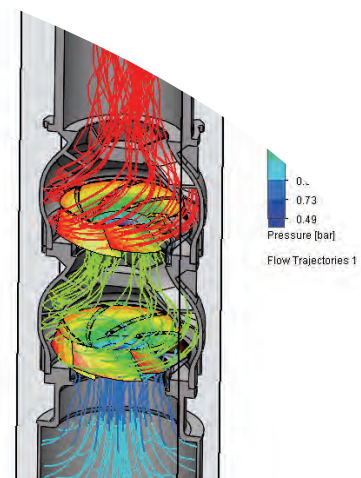
HYDRAULIC PERFORMANCES

- Capacity up to 348 m³/h
- Head up to 470 m
- Power up to 220 kW
- Maximum sand tolerance : 50g/m³
- Maximum depth : 350 metres



Available in:

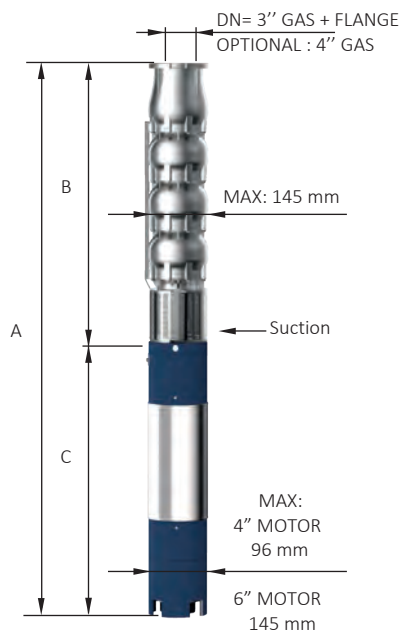
Aisi 304 - Aisi 316 Duplex



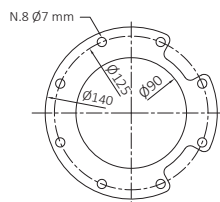
6" 140 SX 34 SEMIAXIAL SUBMERSIBLE PUMP - IN AISI 304 CASTED STAINLESS STEEL

Service Factor: 1.15

Motor- 3450 rpm				Q= Capacity							
Type	Power		v 460	l/min	0	360	480	600	720	840	960
	kW	HP	A	l/sec	0,00	6,00	8,00	10,00	12,00	14,00	16,00
				m ³ /h	0,0	21,6	28,8	36,0	43,2	50,4	57,6
140 SX 34 /01	4,00	5,5	8,6	H[m]	21	18	17	16	15	13	10
140 SX 34 /02	5,50	7,5	10,8		41	37	35	33	29	25	20
140 SX 34 /03	7,50	10	15,1		62	55	52	49	44	38	29
140 SX 34 /04	9,20	12,5	18,1		82	73	69	65	59	50	39
140 SX 34 /05	11,00	15	21,1		103	91	86	81	73	63	49
140 SX 34 /06	13,00	17,5	24,1		124	110	104	98	88	75	59
140 SX 34 /07	15,00	20	27,5		144	128	121	114	103	88	69
140 SX 34 /08	18,50	25	34,4		165	146	138	130	117	100	78
140 SX 34 /09	18,50	25	34,4		185	165	156	146	132	113	88
140 SX 34 /10	22,00	30	40,9		206	183	173	163	147	125	98
140 SX 34 /11	26,00	35	47,3		226	201	190	179	161	138	108
140 SX 34 /12	26,00	35	47,3		247	219	207	195	176	150	118
140 SX 34 /13	30,00	40	53,8		268	238	225	212	191	163	128
140 SX 34 /14	30,00	40	53,8		288	256	242	228	205	175	137
140 SX 34 /15	37,00	50	67,1		309	274	259	244	220	188	147
140 SX 34 /16	37,00	50	67,1		329	292	276	260	235	200	157
140 SX 34 /17	37,00	50	67,1		350	311	294	277	249	213	167
140 SX 34 /18	37,00	50	67,1		371	329	311	293	264	226	177



Overall dimensions and weights					
Type	A mm Tri	B mm	C mm Tri	M kg Tri	P kg
140 SX 34 /01	991	394	597	22	11
140 SX 34 /02	1193	495	698	27	13
140 SX 34 /03	1297	596	701	55	16
140 SX 34 /04	1448	697	751	60	20
140 SX 34 /05	1609	798	811	65	23
140 SX 34 /06	1740	899	841	70	27
140 SX 34 /07	1931	1000	931	75	30
140 SX 34 /08	2092	1101	991	83	33
140 SX 34 /09	2193	1202	991	83	37
140 SX 34 /10	2374	1303	1071	92	40
140 SX 34 /11	2585	1404	1181	100	44
140 SX 34 /12	2686	1505	1181	100	47
140 SX 34 /13	2857	1606	1251	108	51
140 SX 34 /14	2958	1707	1251	108	54
140 SX 34 /15	3149	1808	1341	118	58
140 SX 34 /16	3250	1909	1341	118	61
140 SX 34 /17	3351	2010	1341	118	64
140 SX 34 /18	3452	2111	1341	118	68



FOR COMMERCIAL TUBE EXTERNAL
DIAMETER: 88,9 mm

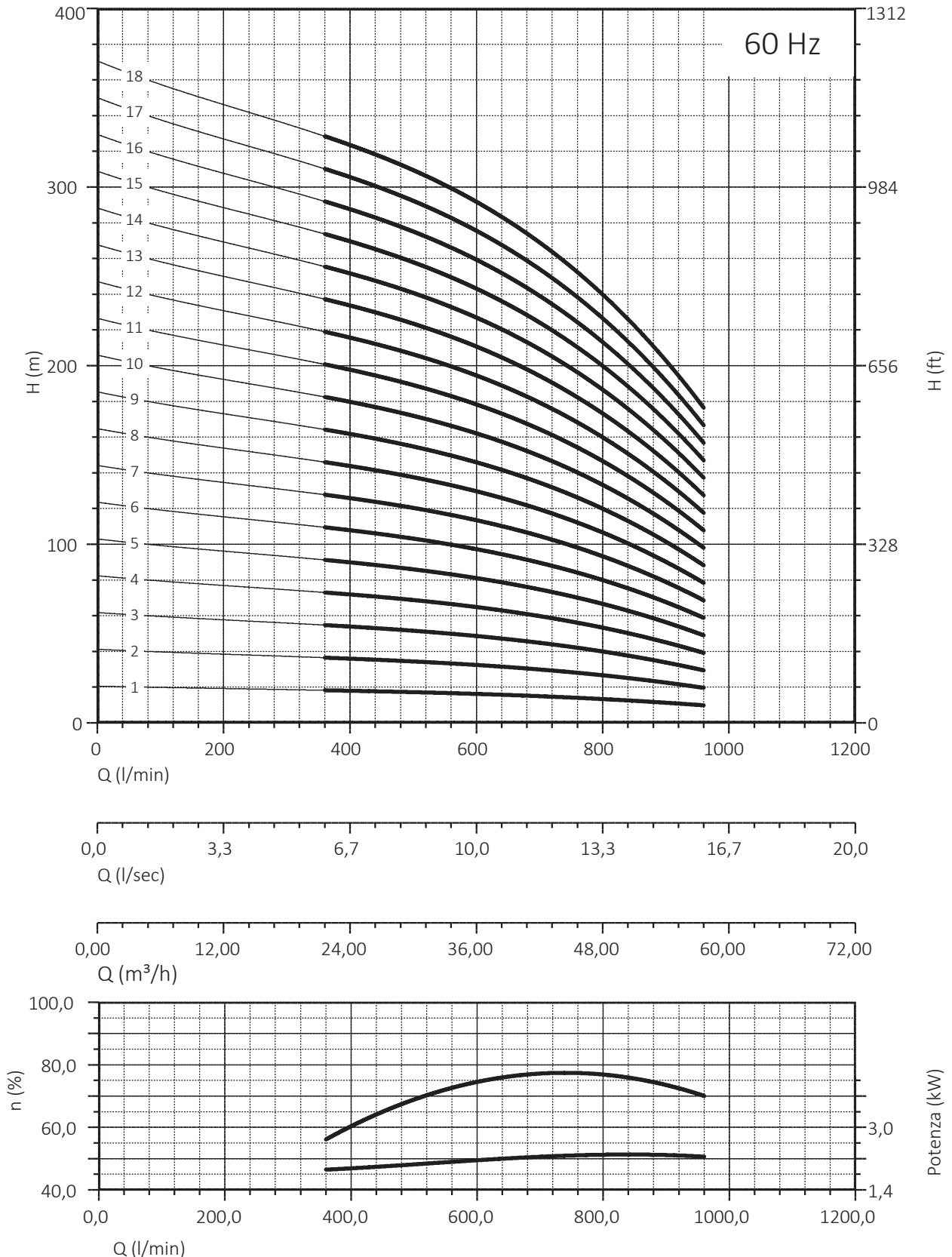
n% = Pump efficiency
kW/st = Stage absorption

Max 77,1%
Max 2,30

Drinking water compatibility according to DM 174
MEI $\geq 0,4$ (regulation EU N. 547/2012)
Tolerances according to UNI ISO 9906 grade 2B

6" 140 SX 34 SEMIAXIAL SUBMERSIBLE PUMP - IN AISI 304 CASTED STAINLESS STEEL

Service Factor: 1.15

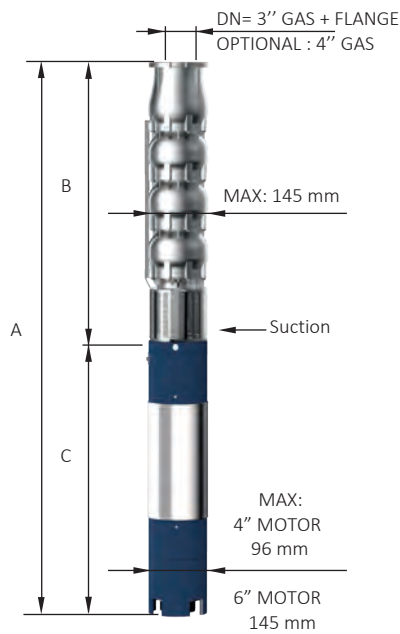


NPSH (m)	25%	50%	75%	100%
140 SX 34	3,4	3,4	3,8	8

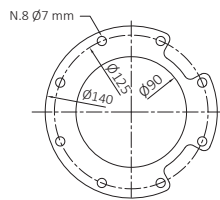
6" 140 SX 44 SEMIAXIAL SUBMERSIBLE PUMP - IN AISI 304 CASTED STAINLESS STEEL

Service Factor: 1.15

Motor 3450 rpm				Q= Capacity									
Type	Power		V 460	l/min	0	480	600	720	840	960	1080	1200	
	kW	HP	A	l/sec	0,00	8,00	10,00	12,00	14,00	16,00	18,00	20,00	
				m ³ /h	0,0	28,8	36,0	43,2	50,4	57,6	64,8	72,0	
140 SX 44/01	3,00	4	8,6	H[m]	20	16	16	15	14	13	11	9	
140 SX 44/02	5,50	7,5	10,8		40	33	32	30	28	25	21	18	18
140 SX 44/03	7,50	10	15,1		60	49	48	46	42	38	32	28	28
140 SX 44/04	9,20	12,5	18,1		81	66	64	61	56	51	42	37	37
140 SX 44/05	11,00	15	21,1		101	82	80	76	71	63	53	46	46
140 SX 44/06	13,00	17,5	24,1		121	98	96	91	85	76	64	55	55
140 SX 44/07	15,00	20	27,5		141	115	112	106	99	89	74	64	64
140 SX 44/08	18,50	25	34,4		161	131	128	122	113	101	85	74	74
140 SX 44/09	22,00	30	40,9		181	148	144	137	127	114	95	83	83
140 SX 44/10	22,00	30	40,9		202	164	160	152	141	127	106	92	92
140 SX 44/11	26,00	35	47,3		222	181	176	167	155	139	117	101	101
140 SX 44/12	26,00	35	47,3		242	197	192	182	169	152	127	110	110
140 SX 44/13	30,00	40	53,8		262	213	208	198	183	165	138	120	120
140 SX 44/14	37,00	50	67,1		282	230	224	213	197	177	148	129	129
140 SX 44/15	37,00	50	67,1		302	246	240	228	212	190	159	138	138
140 SX 44/16	37,00	50	67,1		323	263	256	243	226	203	170	147	147
140 SX 44/17	37,00	50	67,1		343	279	272	258	240	215	180	156	156



Overall dimensions and weights					
Type	A mm Tri	B mm	C mm Tri	M kg Tri	P kg
140 SX 44/01	951	394	557	19	16
140 SX 44/02	1193	495	698	27	20
140 SX 44/03	1297	596	701	55	24
140 SX 44/04	1448	697	751	60	20
140 SX 44/05	1609	798	811	65	23
140 SX 44/06	1740	899	841	70	27
140 SX 44/07	1931	1000	931	75	30
140 SX 44/08	2092	1101	991	83	33
140 SX 44/09	2273	1202	1071	92	37
140 SX 44/10	2374	1303	1071	92	40
140 SX 44/11	2585	1404	1181	100	44
140 SX 44/12	2686	1505	1181	100	47
140 SX 44/13	2857	1606	1251	108	51
140 SX 44/14	3048	1707	1341	118	54
140 SX 44/15	3149	1808	1341	118	58
140 SX 44/16	3250	1909	1341	118	61
140 SX 44/17	3351	2010	1341	118	64


 FOR COMMERCIAL TUBE EXTERNAL
DIAMETER: 88,9 mm

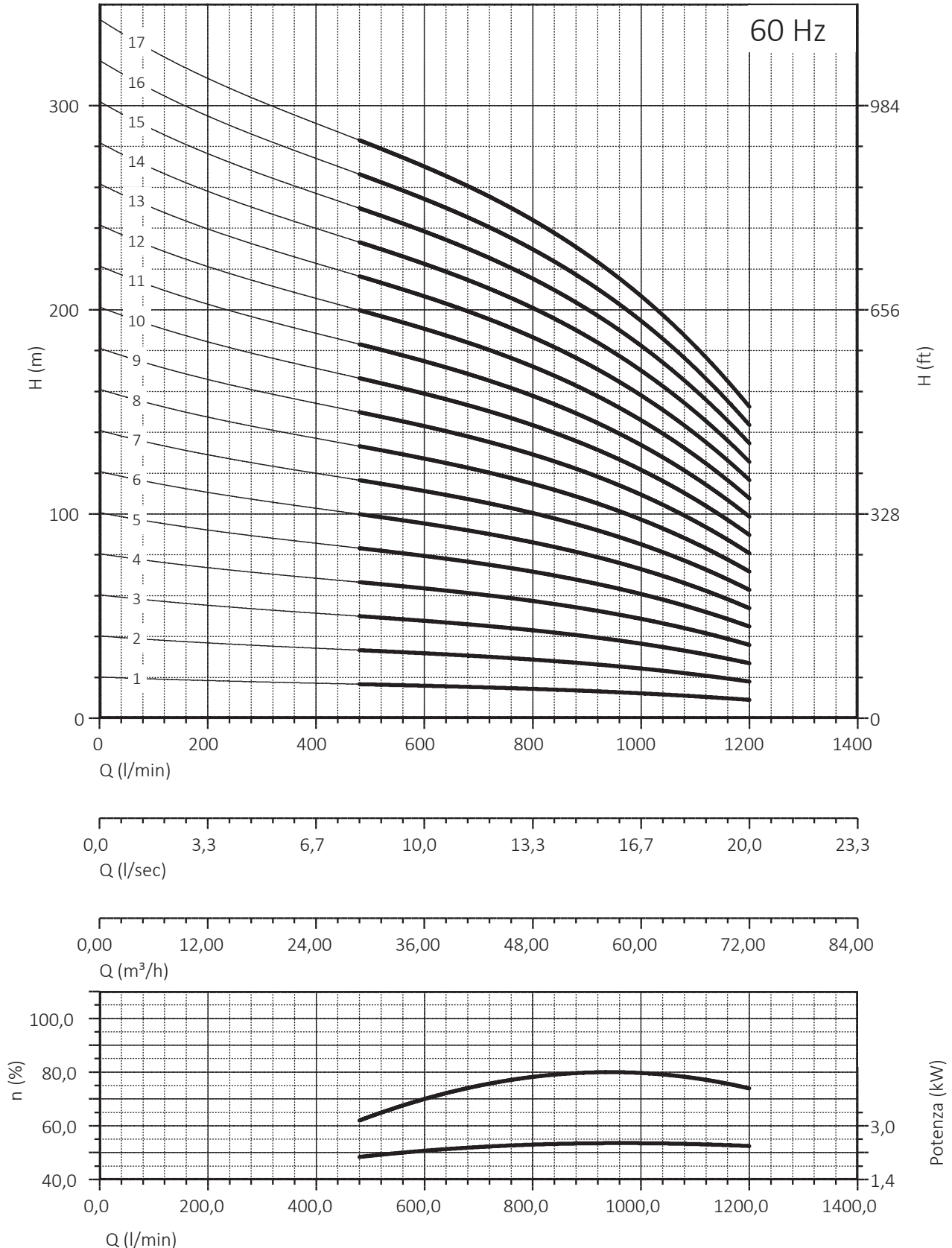
 n% = Pump efficiency
kW/st = Stage absorption

 Max 80,1%
Max 2,49

 Drinking water compatibility according to DM 174
MEI ≥ 0,4 (regulation EU N. 547/2012)
Tolerances according to UNI ISO 9906 grade 2B

6" 140 SX 44 SEMIAXIAL SUBMERSIBLE PUMP - IN AISI 304 CASTED STAINLESS STEEL

Service Factor: 1.15

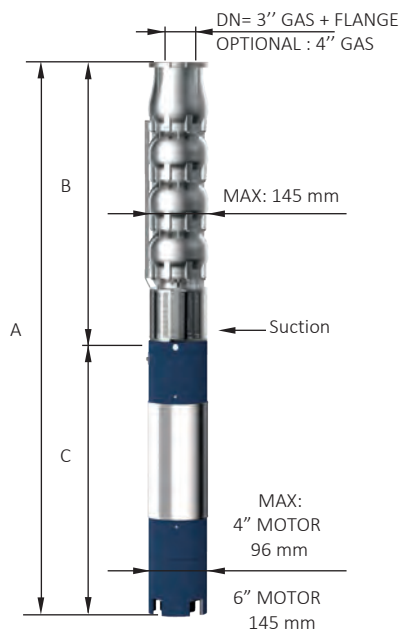


NPSH (m)	25%	50%	75%	100%
140 SX 44	3,45	3,5	3,8	5

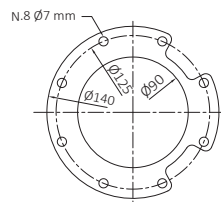
6" 140 SX 54 SEMIAXIAL SUBMERSIBLE PUMP - IN AISI 304 CASTED STAINLESS STEEL

Service Factor: 1.15

Motor 3450 rpm				Q= Capacity								
Type	Power		V 460	l/min	0	720	840	960	1080	1200	1320	1440
	kW	HP	A	l/sec	0,00	12,00	14,00	16,00	18,00	20,00	22,00	24,00
				m³/h	0,0	43,2	50,4	57,6	64,8	72,0	79,2	86,4
140 SX 54/01	4,00	5,5	8,6	H[m]	20	15	14	13	12	11	10	9
140 SX 54/02	5,50	7,5	10,8		39	30	28	26	24	23	20	17
140 SX 54/03	7,50	10	15,1		59	45	41	39	37	34	30	26
140 SX 54/04	11,00	15	21,1		79	59	55	52	49	45	40	35
140 SX 54/05	13,00	17,5	24,1		99	74	69	66	61	56	50	43
140 SX 54/06	15,00	20	27,5		118	89	83	79	73	68	60	52
140 SX 54/07	18,50	25	34,4		138	104	97	92	86	79	70	60
140 SX 54/08	22,00	30	40,9		158	119	110	105	98	90	80	69
140 SX 54/09	26,00	35	47,5		177	134	124	118	110	101	89	78
140 SX 54/10	26,00	35	47,3		197	149	138	131	122	113	99	86
140 SX 54/11	30,00	40	47,3		217	163	152	144	135	124	109	95
140 SX 54/12	30,00	40	53,8		236	178	166	157	147	135	119	104
140 SX 54/13	37,00	50	67,1		256	193	180	170	159	146	129	112
140 SX 54/14	37,00	50	67,1		276	208	193	183	171	158	139	121



Overall dimensions and weights					
Type	A mm Tri	B mm	C mm Tri	M kg Tri	P kg
140 SX 54/01	997	400	597	22	16
140 SX 54/02	1205	507	698	27	19
140 SX 54/03	1315	614	701	55	19
140 SX 54/04	1532	721	811	65	22
140 SX 54/05	1669	828	841	70	26
140 SX 54/06	1866	935	931	75	29
140 SX 54/07	2033	1042	991	83	32
140 SX 54/08	2220	1149	1071	92	35
140 SX 54/09	2437	1256	1181	100	38
140 SX 54/10	2544	1363	1181	100	41
140 SX 54/11	2721	1470	1251	108	45
140 SX 54/12	2828	1577	1251	108	49
140 SX 54/13	3025	1684	1341	118	53
140 SX 54/14	3132	1791	1341	118	56



FOR COMMERCIAL TUBE EXTERNAL
DIAMETER: 88,9 mm

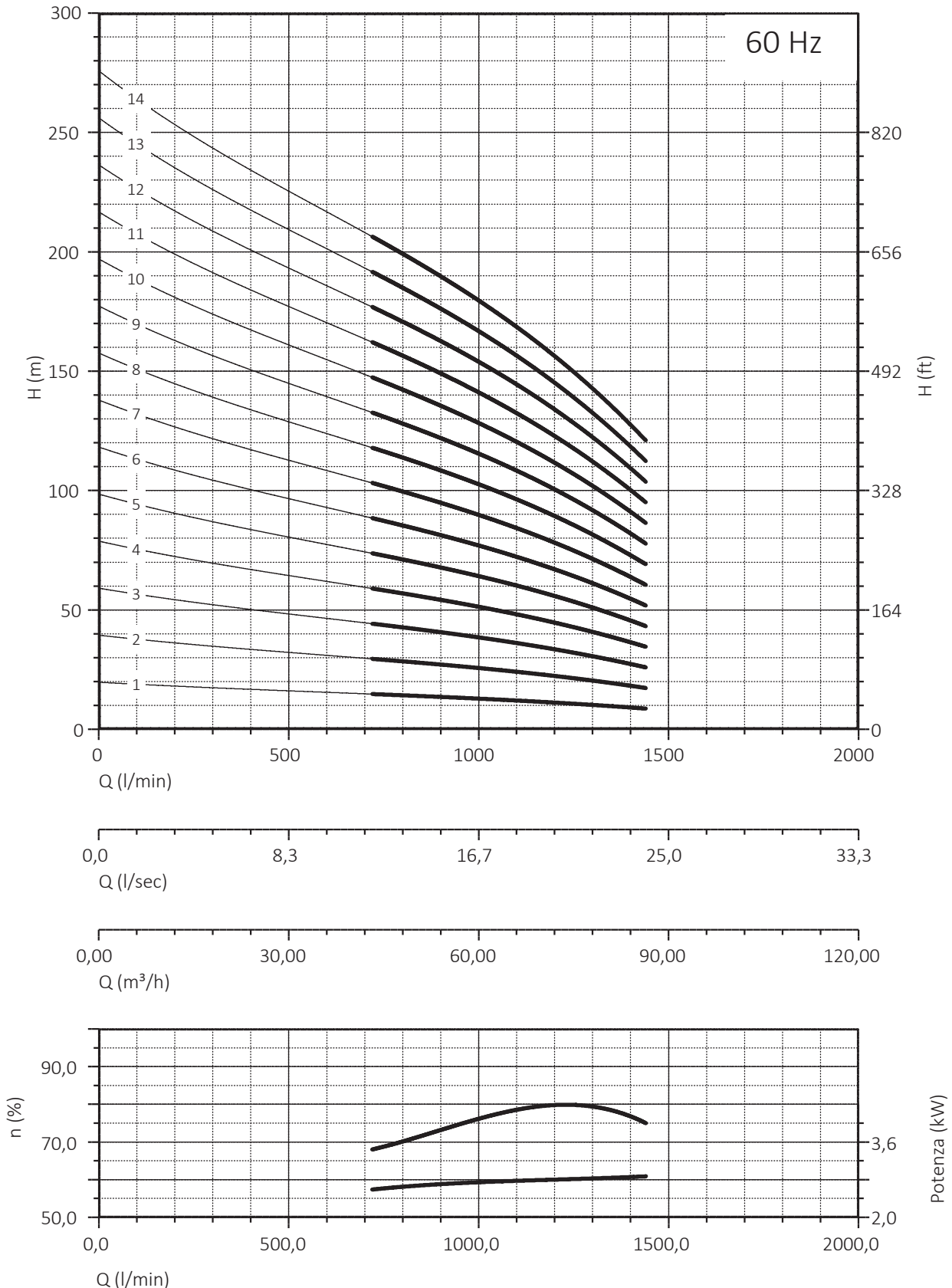
n% = Pump efficiency
kW/st = Stage absorption

Max 79,8%
Max 2,85

Drinking water compatibility according to DM 174
MEI ≥ 0,4 (regulation EU N. 547/2012)
Tolerances according to UNI ISO 9906 grade 2B

6" 140 SX 54 SEMIAXIAL SUBMERSIBLE PUMP - IN AISI 304 CASTED STAINLESS STEEL

Service Factor: 1.15

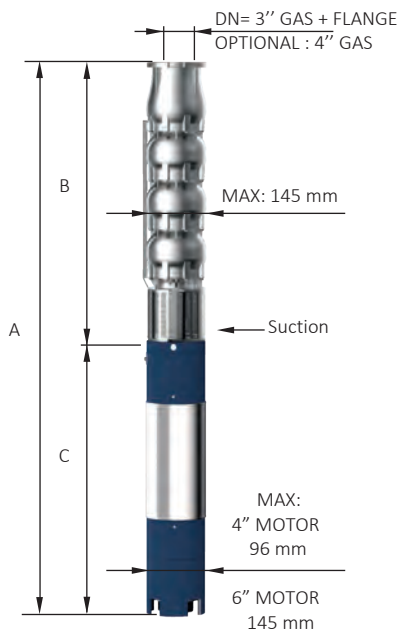


NPSH (m)	25%	50%	75%	100%
140 SX 54	3,8	3,8	5,1	7,1

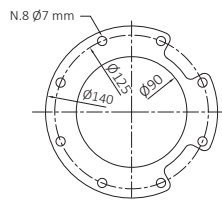
6" 140 SX 64 SEMIAXIAL SUBMERSIBLE PUMP - IN AISI 304 CASTED STAINLESS STEEL

Service Factor: 1.15

Motor 3450 rpm				Q= Capacity											
Type	Power		V 460	l/min	0	840	960	1080	1200	1320	1440	1560	1680	1800	
	kW	HP			A	l/sec	0,00	14,00	16,00	18,00	20,00	22,00	24,00	26,00	28,00
			m ³ /h				0,0	50,4	57,6	64,8	72,0	79,2	86,4	93,6	100,8
140 SX 64/01	4,00	5,5	8,6	H[m]	19	15	14	14	13	13	12	11	10	8	
140 SX 64/02	7,50	10	15,1		38	30	28	28	27	26	25	22	22	19	16
140 SX 64/03	11,00	15	21,1		57	45	43	41	40	39	37	33	33	29	24
140 SX 64/04	15,00	20	27,5		76	60	57	55	54	52	49	44	44	38	32
140 SX 64/05	18,50	25	34,4		94	74	71	69	67	66	62	55	55	48	40
140 SX 64/06	22,00	30	40,9		113	89	85	83	81	79	74	66	66	57	48
140 SX 64/07	26,00	35	47,3		132	104	100	96	94	92	86	77	77	67	57
140 SX 64/08	30,00	40	53,8		151	119	114	110	108	105	99	88	88	76	65
140 SX 64/09	30,00	40	53,8		170	134	128	124	121	118	111	99	99	86	73
140 SX 64/10	37,00	50	67,1		189	149	142	138	134	131	123	110	110	95	81
140 SX 64/11	37,00	50	67,1		208	164	157	151	148	144	136	121	121	105	89



Overall dimensions and weights					
Type	A mm Tri	B mm	C mm Tri	M kg Tri	P kg
140 SX 64/01	997	400	597	22	12
140 SX 64/02	1208	507	701	55	15
140 SX 64/03	1425	614	811	65	19
140 SX 64/04	1652	721	931	75	23
140 SX 64/05	1819	828	991	83	27
140 SX 64/06	2006	935	1071	92	32
140 SX 64/07	2223	1042	1181	100	36
140 SX 64/08	2400	1149	1251	108	40
140 SX 64/09	2507	1256	1251	108	44
140 SX 64/10	2704	1363	1341	118	48
140 SX 64/11	2811	1470	1341	118	53



FOR COMMERCIAL TUBE EXTERNAL
DIAMETER: 88,9 mm

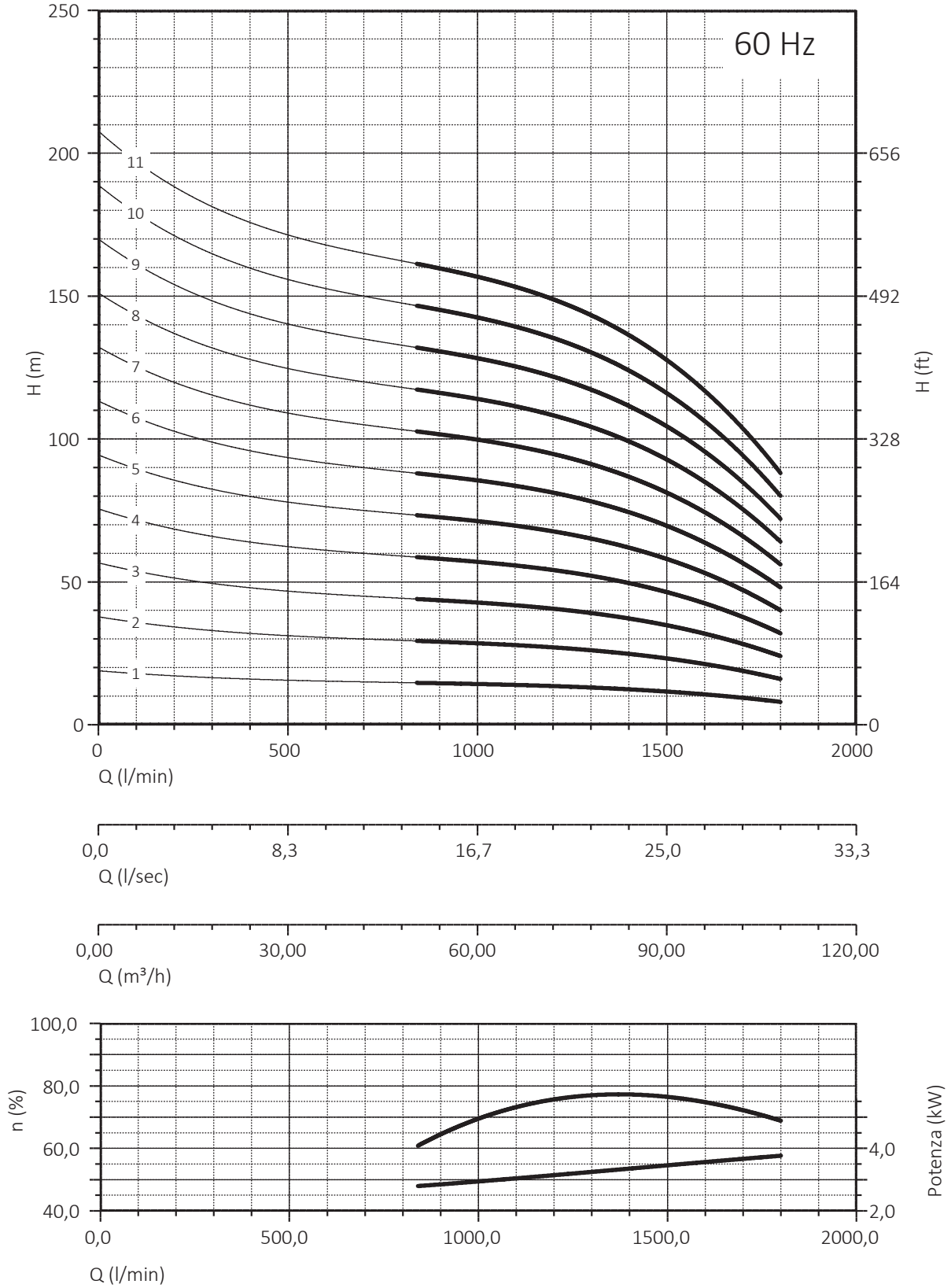
n% = Pump efficiency
kW/st = Stage absorption

Max 78%
Max 3,77

Drinking water compatibility according to DM 174
MEI ≥ 0,4 (regulation EU N. 547/2012) Tolerances
according to UNI ISO 9906 grade 2B

6" 140 SX 64 SEMIAXIAL SUBMERSIBLE PUMP - IN AISI 304 CASTED STAINLESS STEEL

Service Factor: 1.15

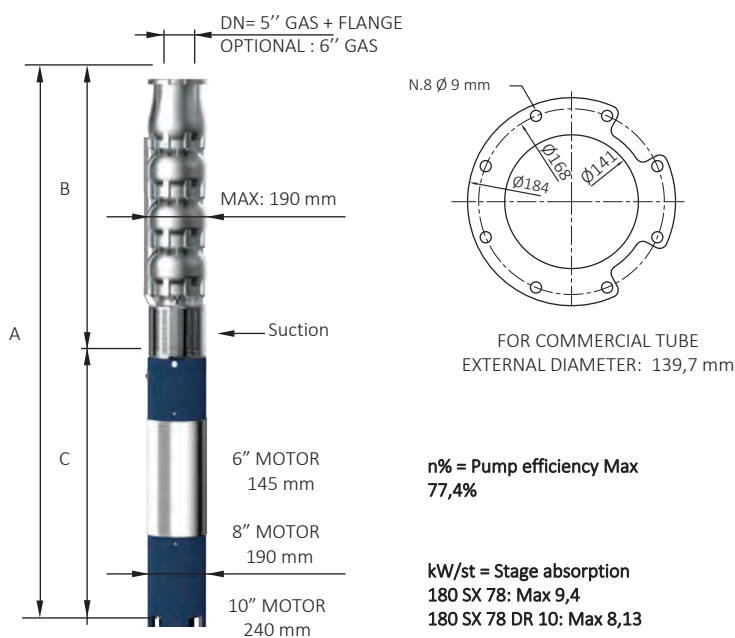


NPSH (m)	25%	50%	75%	100%
140 SX 64	3,8	3,8	5,1	7,1

8" 180 SX 78 SEMIAXIAL SUBMERSIBLE PUMP - IN AISI 304 CASTED STAINLESS STEEL

Service Factor: 1.15

Motor 3450 rpm				Q= Capacity							
Type	Power		V 460	l/min l/sec m³/h	0	720	960	1200	1440	1680	1920
	kW	HP	A		0,00	12,00	16,00	20,00	24,00	28,00	32,00
					0,0	43,2	57,6	72,0	86,4	100,8	115,2
180 SX 78 /1 DR 10	9,20	12,5	18,1	H[m]	35	29	28	27	24	21	17
180 SX 78 /1	9,20	12,5	18,1		40	34	33	31	29	26	21
180 SX 78 /2 DR 10	15,00	20	27,5		70	59	56	54	48	41	34
180 SX 78 /2	18,50	25	34,4		79	68	66	62	58	52	43
180 SX 78 /3 DR 10	22,00	30	40,9		105	88	84	81	72	62	50
180 SX 78 /3	26,00	35	47,3		119	102	98	93	86	78	64
180 SX 78 /4 DR 10	30,00	40	53,8		140	117	111	108	96	83	67
180 SX 78 /4	37,00	50	67,1		158	136	131	124	115	104	86
180 SX 78 /5 DR 10	37,00	50	67,1		175	146	139	134	120	103	84
180 SX 78 /5	44,00	60	79,1		198	170	164	156	144	130	107
180 SX 78 /6 DR 10	44,00	60	79,1		210	176	167	161	144	124	101
180 SX 78 /6	55,00	75	97,6		238	204	197	187	173	156	129
180 SX 78 /7 DR 10	55,00	75	97,6		245	205	195	188	168	144	118
180 SX 78 /7	66,00	90	115,7		277	238	230	218	202	181	150
180 SX 78 /8 DR 10	66,00	90	115,7		280	234	223	215	192	165	134
180 SX 78 /8	66,00	90	115,7		317	272	263	249	230	207	172
180 SX 78 /9 DR 10	66,00	90	115,7		315	264	251	242	216	186	151
180 SX 78 /9	75,00	100	128,6		356	306	295	280	259	233	193
180 SX 78 /10 DR 10	75,00	100	128,6		350	293	278	269	240	206	168
180 SX 78 /10	92,00	125	159,1		396	340	328	311	288	259	215
180 SX 78 /11 DR 10	92,00	125	159,1		385	322	306	296	264	227	185
180 SX 78 /11	92,00	125	159,1		436	374	361	342	317	285	236
180 SX 78 /12 DR 10	92,00	125	159,1		420	351	334	323	288	248	202
180 SX 78 /12	110,00	150	188,3		475	408	394	373	346	311	257
180 SX 78 /13 DR 10	92,00	125	159,1		455	381	362	349	312	268	218
180 SX 78 /13	110,00	150	188,3		515	442	427	404	374	337	279
180 SX 78 /14 DR 10	110,00	150	188,3		490	410	390	376	336	289	235
180 SX 78 /14	129,00	175	218,9		554	476	460	435	403	363	300
180 SX 78 /15 DR 10	110,00	150	188,3		525	439	418	403	360	310	252
180 SX 78 /15	129,00	175	218,9		594	510	492	467	432	389	322

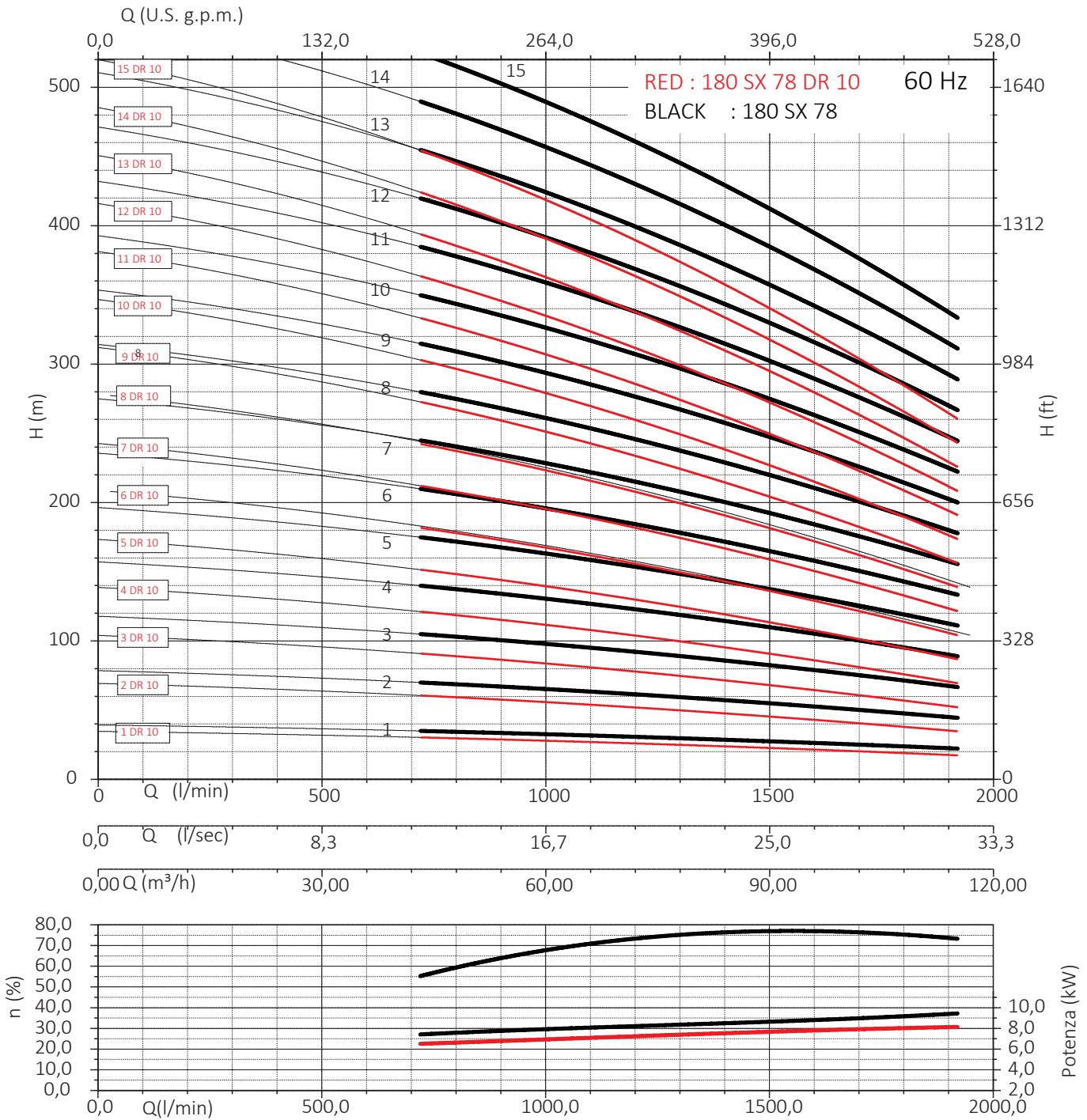


Overall dimensions and weights					
Type	A mm Tri	B mm	C mm Tri	M kg Tri	P kg
180 SX 78 /1 DR 10	1276	525	751	60	20
180 SX 78 /1	1276	525	751	60	20
180 SX 78 /2 DR 10	1581	650	931	75	27
180 SX 78 /2	1641	650	991	83	27
180 SX 78 /3 DR 10	1846	775	1071	92	33
180 SX 78 /3	1956	775	1181	100	33
180 SX 78 /4 DR 10	2151	900	1251	108	40
180 SX 78 /4	2241	900	1341	118	40
180 SX 78 /5 DR 10	2366	1025	1341	118	47
180 SX 78 /5	2335	1025	1310	200	47
180 SX 78 /6 DR 10	2460	1150	1310	200	54
180 SX 78 /6	2610	1150	1460	216	54
180 SX 78 /7 DR 10	2735	1275	1460	216	60
180 SX 78 /7	2885	1275	1610	260	60
180 SX 78 /8 DR 10	3010	1400	1610	260	67
180 SX 78 /8	3010	1400	1610	260	67
180 SX 78 /9 DR 10	3135	1525	1610	260	74
180 SX 78 /9	3235	1525	1710	286	74
180 SX 78 /10 DR 10	3360	1650	1710	286	80
180 SX 78 /10	3510	1650	1860	310	80
180 SX 78 /11 DR 10	3635	1775	1860	310	87
180 SX 78 /11	3635	1775	1860	310	87
180 SX 78 /12 DR 10	3760	1900	1860	310	94
180 SX 78 /12	3660	1900	1760	415	94
180 SX 78 /13 DR 10	3885	2025	1860	310	100
180 SX 78 /13	3785	2025	1760	415	100
180 SX 78 /14 DR 10	3910	2150	1760	415	107
180 SX 78 /14	4060	2150	1910	450	107
180 SX 78 /15 DR 10	4035	2275	1760	415	114
180 SX 78 /15	4185	2275	1910	450	114

Drinking water compatibility according to DM 174
MEI ≥ 0,4 (regulation EU N. 547/2012) Tolerances
according to UNI ISO 9906 grade 2B

8" 180 SX 78 SEMIAXIAL SUBMERSIBLE PUMP - IN AISI 304 CASTED STAINLESS STEEL

Service Factor: 1.15

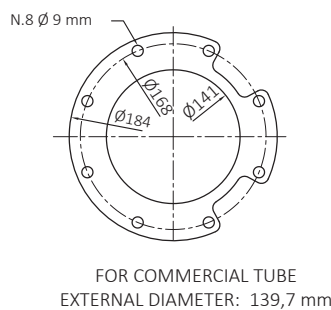
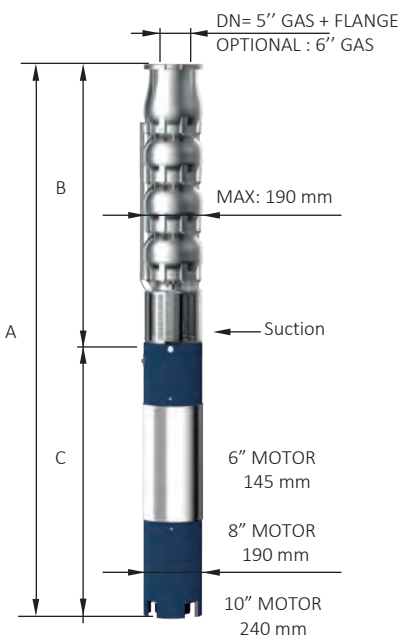


NPSH (m)	25%	50%	75%	100%
180 SX 78	3	3	3,5	4,5

8"180 SX 90 SEMIAXIAL SUBMERSIBLE PUMP - IN AISI 304 CASTED STAINLESS STEEL

Service Factor: 1.15

Motor 3450 rpm				Q= Capacity								
Type	Power		V	H[m]	0	960	1200	1440	1680	1920	2160	2400
	kW	HP	460		l/min	16,00	20,00	24,00	28,00	32,00	36,00	40,00
			A		l/sec	57,6	72,0	86,4	100,8	115,2	129,6	144,0
				m ³ /h	0,0	57,6	72,0	86,4	100,8	115,2	129,6	144,0
180 SX 90/1 DR 10	9,20	12,5	18,1		36	30	28	26	25	23	19	15
180 SX 90/1	11,00	15	21,1		40	35	33	31	29	27	24	20
180 SX 90/2 DR 10	18,50	25	34,4		73	60	56	52	50	46	38	31
180 SX 90/2	22,00	30	40,9		81	69	66	62	58	54	48	40
180 SX 90/3 DR 10	26,00	35	47,5		109	91	84	78	75	69	58	46
180 SX 90/3	30,00	40	53,8		121	104	98	93	87	81	72	60
180 SX 90/4 DR 10	37,00	50	67,1		146	121	111	104	100	92	77	61
180 SX 90/4	44,00	60	79,1		161	138	131	125	117	108	96	81
180 SX 90/5 DR 10	44,00	60	79,1		182	151	139	130	125	115	96	77
180 SX 90/5	55,00	75	97,6		202	173	164	156	146	135	120	101
180 SX 90/6 DR 10	55,00	75	97,6		219	181	167	156	150	138	115	92
180 SX 90/6	66,00	90	115,7		242	207	197	187	175	162	144	121
180 SX 90/7 DR 10	66,00	90	115,7		255	212	195	181	175	161	134	108
180 SX 90/7	75,00	100	128,6		282	242	229	218	204	189	168	141
180 SX 90/8 DR 10	75,00	100	128,6		292	242	223	207	200	184	154	123
180 SX 90/8	92,00	125	159,1		323	276	262	249	233	216	192	161
180 SX 90/9 DR 10	92,00	125	159,1		328	272	251	233	225	207	173	138
180 SX 90/9	92,00	125	159,1		363	311	295	280	262	243	215	181
180 SX 90/10 DR 10	92,00	125	159,1		365	302	278	259	250	230	192	154
180 SX 90/10	110,00	150	188,3		403	346	328	311	292	270	239	202
180 SX 90/11 DR 10	92,00	125	159,1		401	333	306	285	275	253	211	169
180 SX 90/11	110,00	150	188,3		444	380	360	343	321	297	263	222
180 SX 90/12 DR 10	110,00	150	188,3		438	363	334	311	300	276	230	184
180 SX 90/12	129,00	175	218,9		484	415	393	374	350	324	287	242
180 SX 90/13 DR 10	110,00	150	188,3		474	393	362	337	324	299	250	200
180 SX 90/13	129,00	175	218,9		524	449	426	405	379	351	311	262



n% = Pump efficiency Max
80,4%

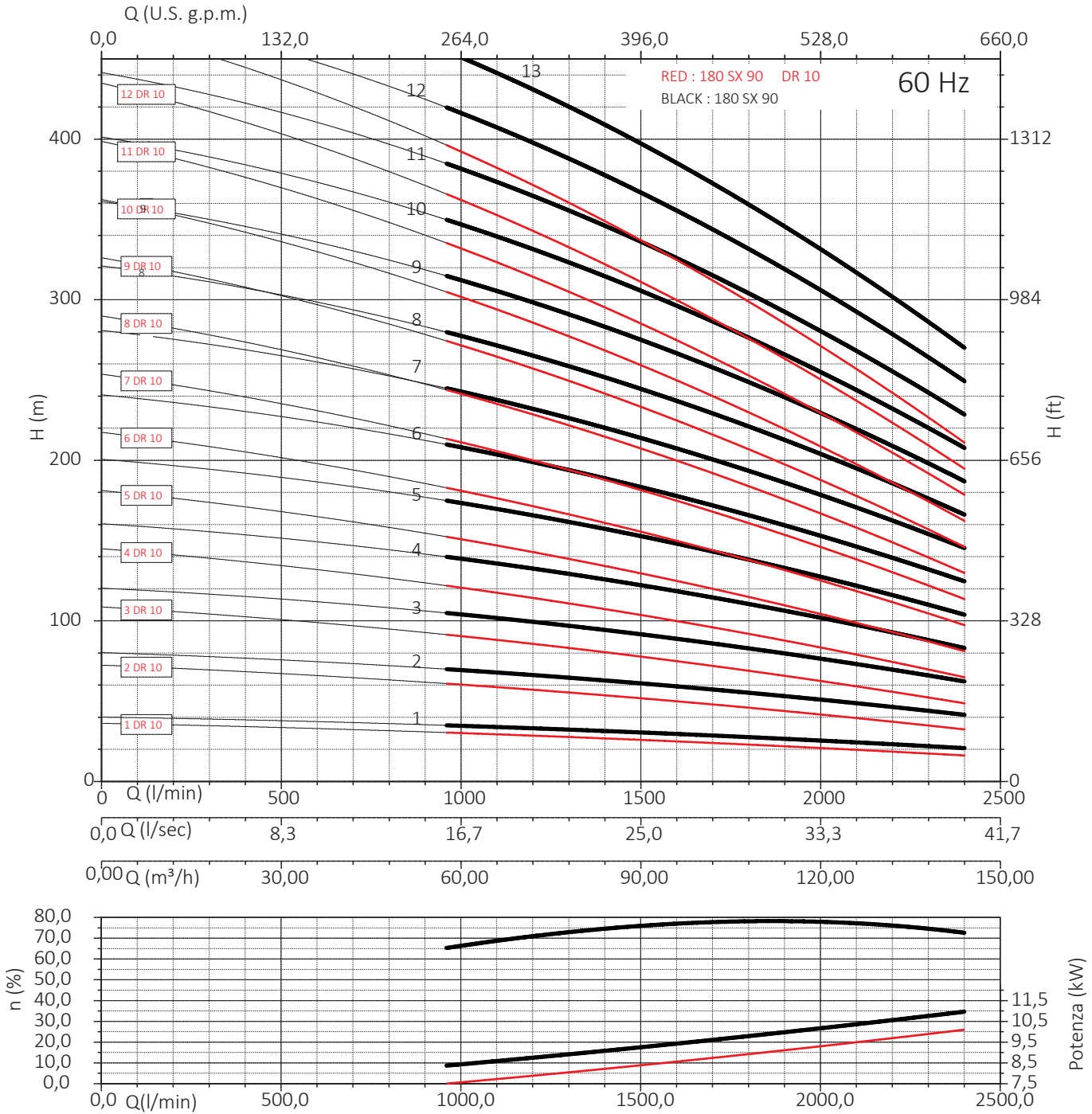
kW/st = Stage absorption
180 SX 90: Max 11
180 SX 90 DR 10: Max 9,68

Overall dimensions and weights					
Type	A mm Tri	B mm	C mm Tri	M kg Tri	P kg
180 SX 90/1 DR 10	1276	525	751	60	20
180 SX 90/1	1336	525	811	65	20
180 SX 90/2 DR 10	1641	650	991	83	27
180 SX 90/2	1721	650	1071	92	27
180 SX 90/3 DR 10	1956	775	1181	100	33
180 SX 90/3	2026	775	1251	108	33
180 SX 90/4 DR 10	2241	900	1341	118	40
180 SX 90/4	2210	900	1310	200	40
180 SX 90/5 DR 10	2335	1025	1310	200	47
180 SX 90/5	2485	1025	1460	216	47
180 SX 90/6 DR 10	2610	1150	1460	216	54
180 SX 90/6	2760	1150	1610	260	54
180 SX 90/7 DR 10	2885	1275	1610	260	60
180 SX 90/7	2985	1275	1710	286	60
180 SX 90/8 DR 10	3110	1400	1710	286	66
180 SX 90/8	3260	1400	1860	310	66
180 SX 90/9 DR 10	3385	1525	1860	310	74
180 SX 90/9	3385	1525	1860	310	74
180 SX 90/10 DR 10	3510	1650	1860	310	80
180 SX 90/10	3410	1650	1760	415	80
180 SX 90/11 DR 10	3635	1775	1860	310	87
180 SX 90/11	3535	1775	1760	415	87
180 SX 90/12 DR 10	3660	1900	1760	415	94
180 SX 90/12	3810	1900	1910	450	94
180 SX 90/13 DR 10	3785	2025	1760	415	100
180 SX 90/13	3935	2025	1910	450	100

Drinking water compatibility according to DM 174
MEI ≥ 0,4 (regulation EU N. 547/2012) Tolerances
according to UNI ISO 9906 grade 2B

8" 180 SX 90 SEMIAXIAL SUBMERSIBLE PUMP - IN AISI 304 CASTED STAINLESS STEEL

Service Factor: 1.15

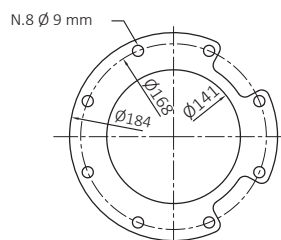
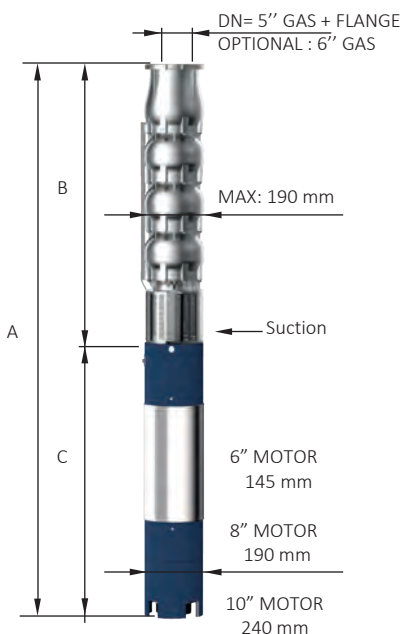


NPSH (m)	25%	50%	75%	100%
180 SX 90	2,5	2,9	3,9	7,8

8" 180 SX 102 SEMIAXIAL SUBMERSIBLE PUMP - IN AISI 304 CASTED STAINLESS STEEL

Service Factor: 1.15

Motor 3450 rpm				Q= Capacity									
Type	Power		v 460	l/min	0	1200	1440	1680	1920	2160	2400	2640	2880
	kW	HP	A	l/sec	0,00	20,00	24,00	28,00	32,00	36,00	40,00	44,00	48,00
				m ³ /h	0,0	72,0	86,4	100,8	115,2	129,6	144,0	158,4	172,8
180 SX 102 /1 DR 10	9,20	12,5	18,1	H[m]	35	28	27	26	25	24	22	19	16
180 SX 102 /1	11,00	15	21,1		40	32	31	30	29	28	25	22	18
180 SX 102 /2 DR 10	18,50	25	34,4		69	57	55	53	51	48	43	38	32
180 SX 102 /2	22,00	30	40,9		79	65	63	61	59	55	50	44	37
180 SX 102 /3 DR 10	30,00	40	53,8		104	85	82	79	76	72	65	58	48
180 SX 102 /3	37,00	50	67,1		119	97	94	91	88	83	75	67	55
180 SX 102 /4 DR 10	37,00	50	67,1		138	113	109	106	102	96	86	77	63
180 SX 102 /4	44,00	60	79,1		159	130	126	122	117	110	100	89	74
180 SX 102 /5 DR 10	55,00	75	97,6		173	142	137	132	127	120	108	96	79
180 SX 102 /5	55,00	75	97,6		198	162	157	152	147	138	125	111	92
180 SX 102 /6 DR 10	66,00	90	115,7		207	170	164	158	153	144	130	115	95
180 SX 102 /6	66,00	90	115,7		238	195	188	183	176	165	150	133	111
180 SX 102 /7 DR 10	66,00	90	115,7		242	198	192	185	178	168	151	134	111
180 SX 102 /7	75,00	100	128,6		277	227	220	213	206	193	175	155	129
180 SX 102 /8 DR 10	75,00	100	128,6		276	227	219	211	204	192	173	154	127
180 SX 102 /8	92,00	125	159,1		317	260	251	243	235	220	200	177	147
180 SX 102 /9 DR 10	92,00	125	159,1		311	255	246	238	229	216	194	173	143
180 SX 102 /9	110,00	150	188,3		357	292	283	274	264	248	225	200	166
180 SX 102 /10 DR 10	92,00	125	159,1		346	283	274	264	254	240	216	192	158
180 SX 102 /10	110,00	150	188,3		396	324	314	304	294	276	250	222	184
180 SX 102 /11 DR 10	110,00	150	188,3		380	312	301	290	280	264	238	211	174
180 SX 102 /11	129,00	175	218,9	436	357	345	335	323	303	275	244	203	


 FOR COMMERCIAL TUBE EXTERNAL
DIAMETER: 139,7 mm

 n% = Pump efficiency
Max 79%

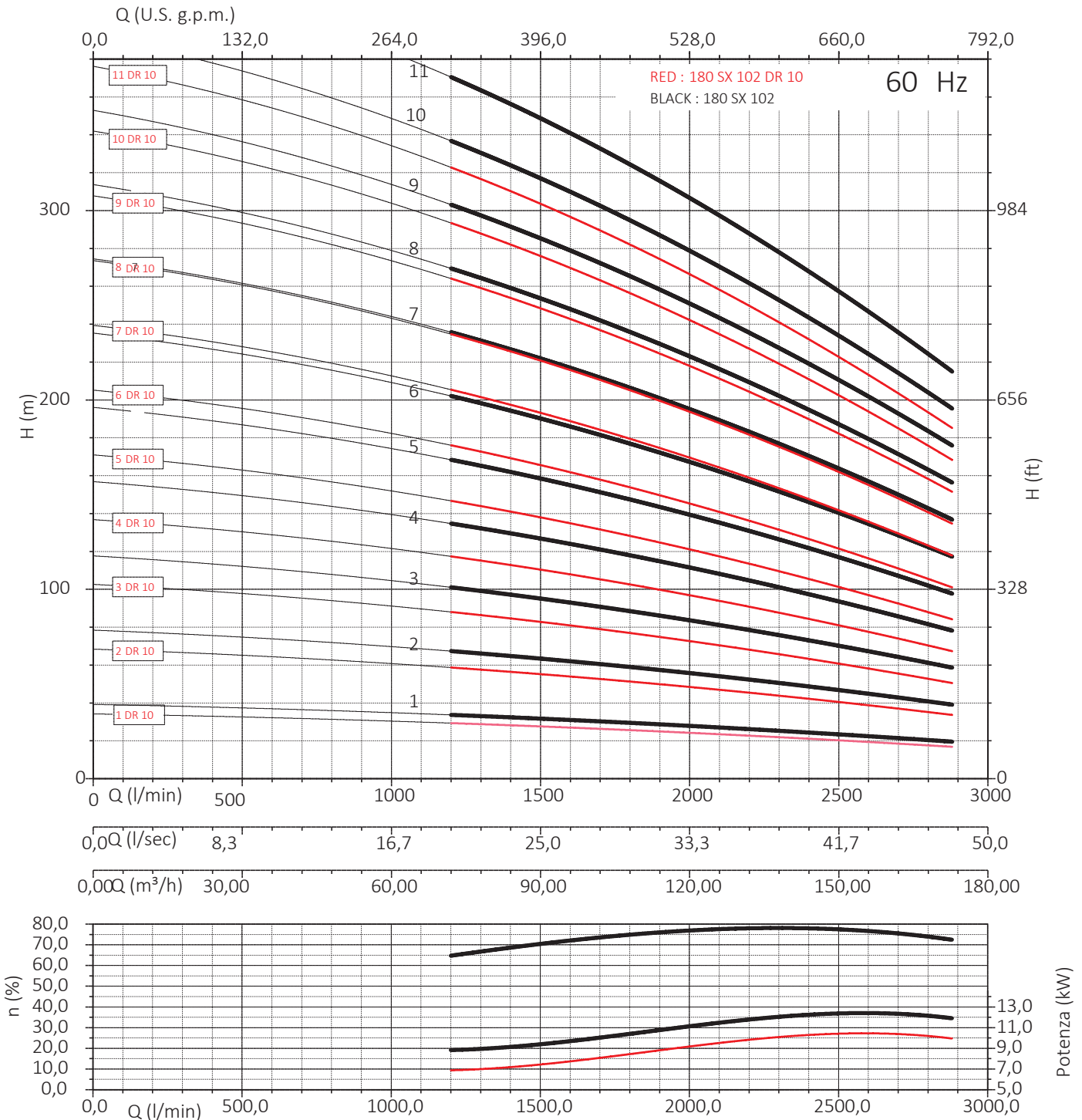
 kW/st = Stage absorption
180 SX 102: Max 12,45
180 SX 102 DR 10: Max 10,55

Overall dimensions and weights					
Type	A mm Tri	B mm	C mm Tri	M kg Tri	P kg
180 SX 102 /1 DR 10	1276	525	751	60	20
180 SX 102 /1	1336	525	811	65	20
180 SX 102 /2 DR 10	1641	650	991	83	27
180 SX 102 /2	1721	650	1071	92	27
180 SX 102 /3 DR 10	2026	775	1251	108	33
180 SX 102 /3	2116	775	1341	118	33
180 SX 102 /4 DR 10	2241	900	1341	118	40
180 SX 102 /4	2210	900	1310	200	40
180 SX 102 /5 DR 10	2485	1025	1460	216	47
180 SX 102 /5	2485	1025	1460	216	47
180 SX 102 /6 DR 10	2760	1150	1610	260	54
180 SX 102 /6	2760	1150	1610	260	54
180 SX 102 /7 DR 10	2885	1275	1610	260	60
180 SX 102 /7	2985	1275	1710	286	60
180 SX 102 /8 DR 10	3110	1400	1710	286	67
180 SX 102 /8	3260	1400	1860	310	67
180 SX 102 /9 DR 10	3385	1525	1860	310	74
180 SX 102 /9	3285	1525	1760	415	74
180 SX 102 /10 DR 10	3510	1650	1860	310	80
180 SX 102 /10	3410	1650	1760	415	80
180 SX 102 /11 DR 10	3535	1775	1760	415	87
180 SX 102 /11	3685	1775	1910	450	87

 Drinking water compatibility according to DM 174
 MEI ≥ 0,4 (regulation EU N. 547/2012) Tolerances
 according to UNI ISO 9906 grade 2B

8" 180 SX 102 SEMIAXIAL SUBMERSIBLE PUMP - IN AISI 304 CASTED STAINLESS STEEL

Service Factor: 1.15

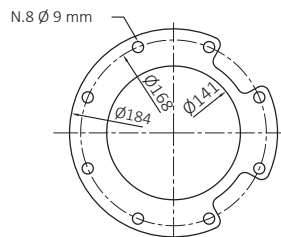
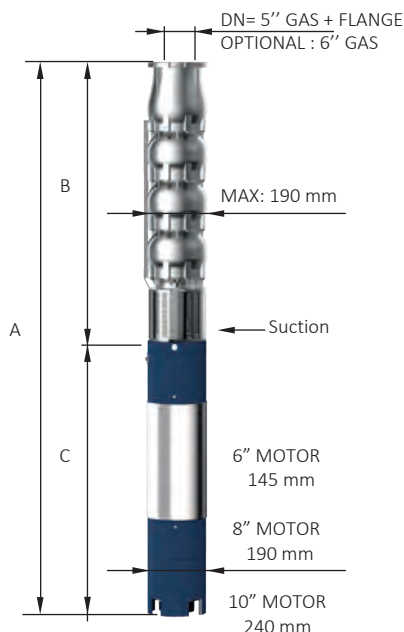


NPSH (m)	25%	50%	75%	100%
180 SX 102	2,5	2,9	3,9	7,8

8" 180 SX 124 SEMIAXIAL SUBMERSIBLE PUMP - IN AISI 304 CASTED STAINLESS STEEL

Service Factor: 1.15

Motor 3450 rpm				Q= Capacity										
Type	Power		V 460	l/min	0	1440	1680	1920	2160	2400	2640	2880	3120	3360
	kW	HP	A	l/sec	0,00	24,00	28,00	32,00	36,00	40,00	44,00	48,00	52,00	56,00
				m ³ /h	0,0	86,4	100,8	115,2	129,6	144,0	158,4	172,8	187,2	201,6
180 SX 124/1 DR 10	11,00	15	21,1	H[m]	34	28	27	26	24	24	22	21	18	15
180 SX 124/1	13,00	17,5	24,1		39	32	31	30	28	27	26	24	21	17
180 SX 124/2 DR 10	22,00	30	40,9		68	56	53	52	49	48	45	42	36	30
180 SX 124/2	26,00	35	47,3		78	65	62	60	57	55	52	47	42	35
180 SX 124/3 DR 10	37,00	50	67,1		102	84	80	78	73	71	67	63	54	45
180 SX 124/3	37,00	50	67,1		117	97	93	89	85	82	78	71	63	52
180 SX 124/4 DR 10	44,00	60	79,1		135	112	107	104	98	95	89	84	72	60
180 SX 124/4	55,00	75	97,6		156	130	124	119	114	109	104	94	84	69
180 SX 124/5 DR 10	55,00	75	97,6		169	141	133	130	122	119	112	104	90	76
180 SX 124/5	66,00	90	115,7		194	162	155	149	142	137	130	118	105	86
180 SX 124/6 DR 10	66,00	90	115,7		203	169	160	156	147	143	134	125	108	91
180 SX 124/6	75,00	100	128,6		233	195	186	179	171	164	156	142	126	104
180 SX 124/7 DR 10	75,00	100	128,6		237	197	186	181	171	166	156	146	126	106
180 SX 124/7	92,00	125	159,1		272	227	217	209	199	192	181	165	147	121
180 SX 124/8 DR 10	92,00	125	159,1		271	225	213	207	196	190	179	167	144	121
180 SX 124/8	110,00	150	188,3		311	260	248	238	228	219	207	189	167	138
180 SX 124/9 DR 10	110,00	150	188,3		305	253	240	233	220	214	201	188	162	136
180 SX 124/9	110,00	150	188,3		350	292	279	268	256	246	233	212	188	156
180 SX 124/10 DR 10	110,00	150	188,3		338	281	266	259	245	238	223	209	180	151
180 SX 124/10	129,00	175	218,9		389	325	310	298	285	274	259	236	209	173


 FOR COMMERCIAL TUBE EXTERNAL
DIAMETER: 139,7 mm

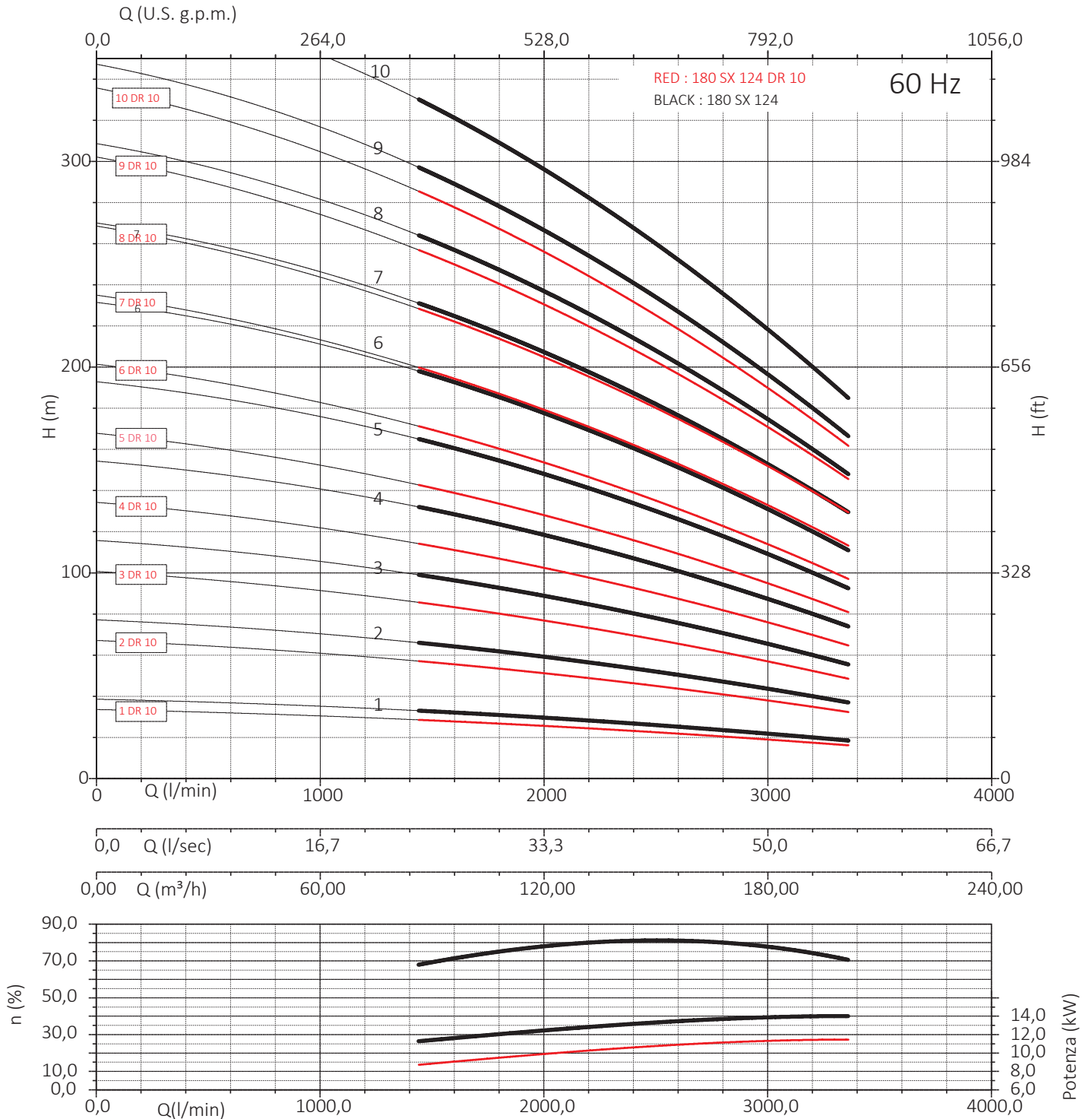
n% = Pump efficiency
n% = Rendimiento de la bomba
Max 82,2%

kW/st = Stage absorption
180 SX 124: Max 14,00
180 SX 124 DR 10: Max 11,76

Overall dimensions and weights					
Type	A mm Tri	B mm	C mm Tri	M kg Tri	P kg
180 SX 124/1 DR 10	1336	525	811	65	20
180 SX 124/1	1366	525	841	70	20
180 SX 124/2 DR 10	1721	650	1071	92	27
180 SX 124/2	1831	650	1181	100	27
180 SX 124/3 DR 10	2116	775	1341	118	33
180 SX 124/3	2116	775	1341	118	33
180 SX 124/4 DR 10	2210	900	1310	200	40
180 SX 124/4	2360	900	1460	216	40
180 SX 124/5 DR 10	2485	1025	1460	216	47
180 SX 124/5	2635	1025	1610	260	47
180 SX 124/6 DR 10	2760	1150	1610	260	54
180 SX 124/6	2860	1150	1710	286	54
180 SX 124/7 DR 10	2985	1275	1710	286	60
180 SX 124/7	3135	1275	1860	310	60
180 SX 124/8 DR 10	3260	1400	1860	310	67
180 SX 124/8	3160	1400	1760	415	67
180 SX 124/9 DR 10	3285	1525	1760	415	74
180 SX 124/9	3285	1525	1760	415	74
180 SX 124/10 DR 10	3410	1650	1760	415	80
180 SX 124/10	3560	1650	1910	450	80

8" 180 SX 124 SEMIAXIAL SUBMERSIBLE PUMP - IN AISI 304 CASTED STAINLESS STEEL

Service Factor: 1.15

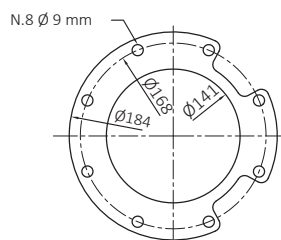
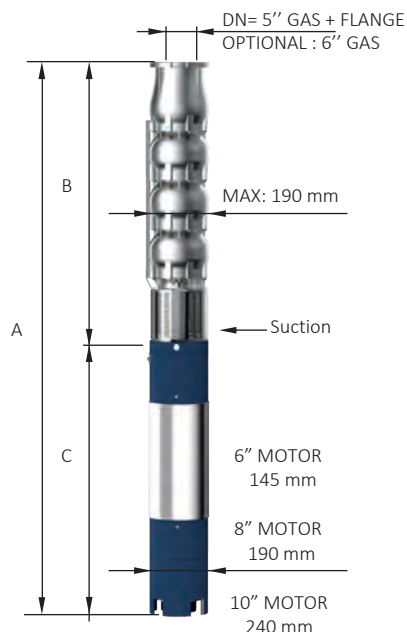


NPSH (m)	25%	50%	75%	100%
180 SX 124	2,5	3	3,5	8,7

8" 180 SX 140 SEMIAXIAL SUBMERSIBLE PUMP - IN AISI 304 CASTED STAINLESS STEEL

Service Factor: 1.15

Motor 3450 rpm				Q= Capacity										
Type	Power		V 460	l/min	0	1920	2160	2400	2640	2880	3120	3360	3600	3840
	kW	HP	A	l/sec	0,00	32,00	36,00	40,00	44,00	48,00	52,00	56,00	60,00	64,00
				m³/h	0,0	115,2	129,6	144,0	158,4	172,8	187,2	201,6	216,0	230,4
180 SX 140/1 DR 10	15,00	15	21,1	H[m]	31	25	24	24	23	22	21	20	17	15
180 SX 140/1	15,00	20	27,5		36	29	28	27	26	25	24	22	20	17
180 SX 140/2 DR 10	22,00	30	40,9		62	50	48	47	45	43	41	39	35	31
180 SX 140/2	30,00	40	53,8		72	58	56	54	52	50	48	45	40	35
180 SX 140/3 DR 10	37,00	50	67,1		94	75	72	71	68	65	62	59	52	46
180 SX 140/3	44,00	60	79,1		108	86	84	81	78	75	72	67	60	52
180 SX 140/4 DR 10	44,00	60	79,1		125	100	96	94	90	86	83	79	69	61
180 SX 140/4	55,00	75	97,6		144	115	111	108	104	100	96	89	80	69
180 SX 140/5 DR 10	55,00	75	97,6		156	125	120	118	113	108	103	98	86	77
180 SX 140/5	75,00	100	128,6		180	144	139	136	130	125	119	112	100	86
180 SX 140/6 DR 10	66,00	90	115,7		187	150	144	141	135	130	124	118	104	92
180 SX 140/6	92,00	125	159,1		216	173	167	163	156	150	143	134	120	104
180 SX 140/7 DR 10	75,00	100	128,6		218	175	168	165	158	151	144	138	121	108
180 SX 140/7	110,00	150	188,3		252	202	195	190	182	176	167	156	139	121
180 SX 140/8 DR 10	92,00	125	159,1		250	200	192	188	180	173	165	157	138	123
180 SX 140/8	110,00	150	188,3		288	230	223	217	208	201	191	179	159	138
180 SX 140/9 DR 10	110,00	150	188,3		281	225	216	212	203	194	186	177	156	138
180 SX 140/9	129,00	175	218,9		324	259	251	244	234	226	215	201	179	156


 FOR COMMERCIAL TUBE EXTERNAL
DIAMETER: 139,7 mm

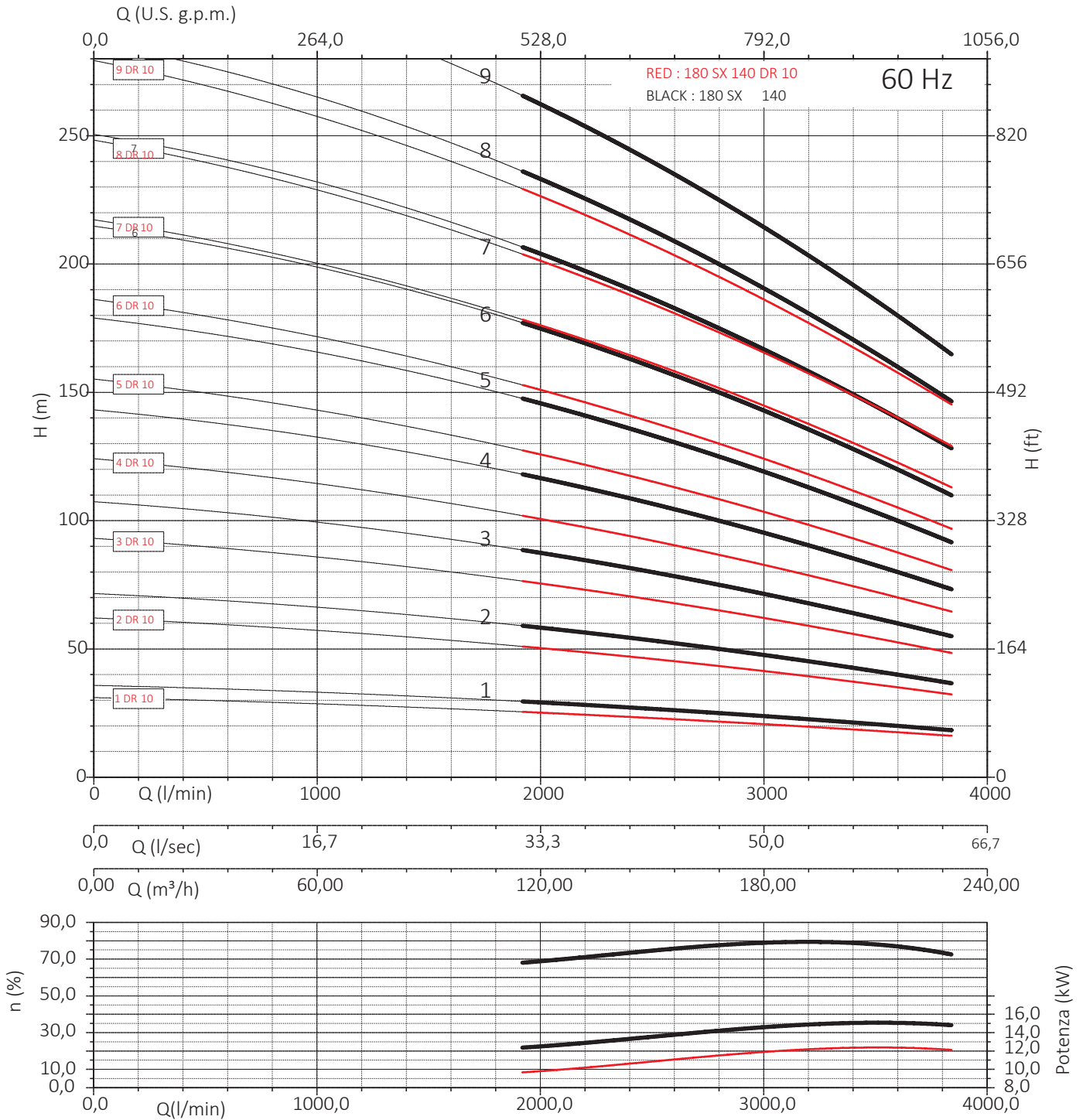
 n% = Pump efficiency
Max 80,3%

 kW/st = Stage absorption
180 SX 140: Max 15,2
180 SX 140 DR 10: Max 12,28

Overall dimensions and weights					
Tipo - Type	A mm Tri	B mm	C mm Tri	M kg Tri	P kg
180 SX 140/1 DR 10	1481	550	931	75	20
180 SX 140/1	1481	550	931	75	20
180 SX 140/2 DR 10	1771	700	1071	92	27
180 SX 140/2	1951	700	1251	108	27
180 SX 140/3 DR 10	2191	850	1341	118	34
180 SX 140/3	2160	850	1310	200	34
180 SX 140/4 DR 10	2310	1000	1310	200	41
180 SX 140/4	2460	1000	1460	216	41
180 SX 140/5 DR 10	2610	1150	1460	216	48
180 SX 140/5	2860	1150	1710	286	48
180 SX 140/6 DR 10	2910	1300	1610	260	55
180 SX 140/6	3160	1300	1860	310	55
180 SX 140/7 DR 10	3160	1450	1710	286	62
180 SX 140/7	3210	1450	1760	415	62
180 SX 140/8 DR 10	3460	1600	1860	310	69
180 SX 140/8	3360	1600	1760	415	69
180 SX 140/9 DR 10	3510	1750	1760	415	76
180 SX 140/9	3660	1750	1910	450	76

8" 180 SX 140 SEMIAXIAL SUBMERSIBLE PUMP - IN AISI 304 CASTED STAINLESS STEEL

Service Factor: 1.15

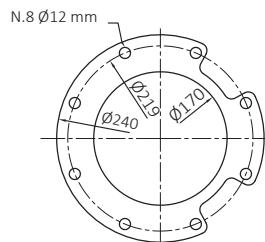
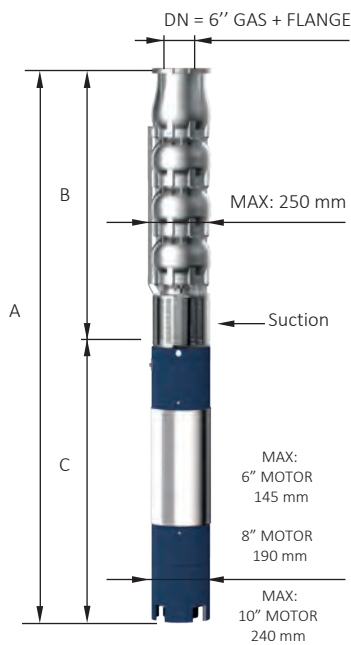


NPSH (m)	25%	50%	75%	100%
180 SX 140	4	4,5	7	13

10" 230 SX 200 SEMIAXIAL SUBMERSIBLE PUMP - IN AISI 304 CASTED STAINLESS STEEL

Service Factor: 1.15

Motor 3450 rpm				Q= Capacity								
Type	Power		V 460	l/min	0	2160	2640	3120	3600	4080	4560	4800
	kW	HP	A	l/sec	0,00	36,00	44,00	52,00	60,00	68,00	76,00	80,00
				m ³ /h	0,0	129,6	158,4	187,2	216,0	244,8	273,6	288,0
230 SX 200/1 DR 20	26,00	35	47,3	H[m]	50	46	43	39	35	30	24	20
230 SX 200/1 DR 10	26,00	35	47,3		55	50	48	44	40	35	29	25
230 SX 200/1	30,00	40	53,8		60	55	52	49	45	40	34	30
230 SX 200/2 DR 20	44,00	60	79,1		100	91	86	79	70	59	47	40
230 SX 200/2 DR 10	55,00	75	97,6		109	101	95	88	79	69	57	50
230 SX 200/2	66,00	90	115,7		120	110	105	98	89	79	67	59
230 SX 200/3 DR 20	66,00	90	115,7		149	137	129	118	105	89	71	60
230 SX 200/3 DR 10	75,00	100	128,6		164	151	143	132	119	104	86	75
230 SX 200/3	92,00	125	159,1		180	166	157	147	134	119	101	89
230 SX 200/4 DR 20	92,00	125	159,1		199	182	172	158	141	119	94	81
230 SX 200/4 DR 10	110,00	150	188,3		219	202	190	176	159	138	114	100
230 SX 200/4	129,00	175	218,9		240	221	210	196	179	159	135	119
230 SX 200/5 DR 20	110,00	150	188,3		249	228	215	197	176	148	118	101
230 SX 200/5 DR 10	147,00	200	249,4		274	252	238	220	199	173	143	125
230 SX 200/5	147,00	200	249,4		300	276	262	245	223	199	168	148
230 SX 200/DR 20	147,00	200	249,4		299	273	257	236	211	178	142	121
230 SX 200/DR 10	184,00	250	290,7		328	302	285	264	238	207	171	150
230 SX 200/6	184,00	250	290,7		359	331	314	294	268	238	202	178
230 SX 200/7 DR 20	184,00	250	290,7		349	319	300	276	246	208	165	141
230 SX 200/7 DR 10	184,00	250	290,7		383	353	333	308	278	242	200	175
230 SX 200/7	221,00	300	369,8	419	386	367	343	312	278	236	208	



FOR COMMERCIAL TUBE EXTERNAL DIAMETER: 168,3 mm

 n% = Pump efficiency
 Max 80,3%

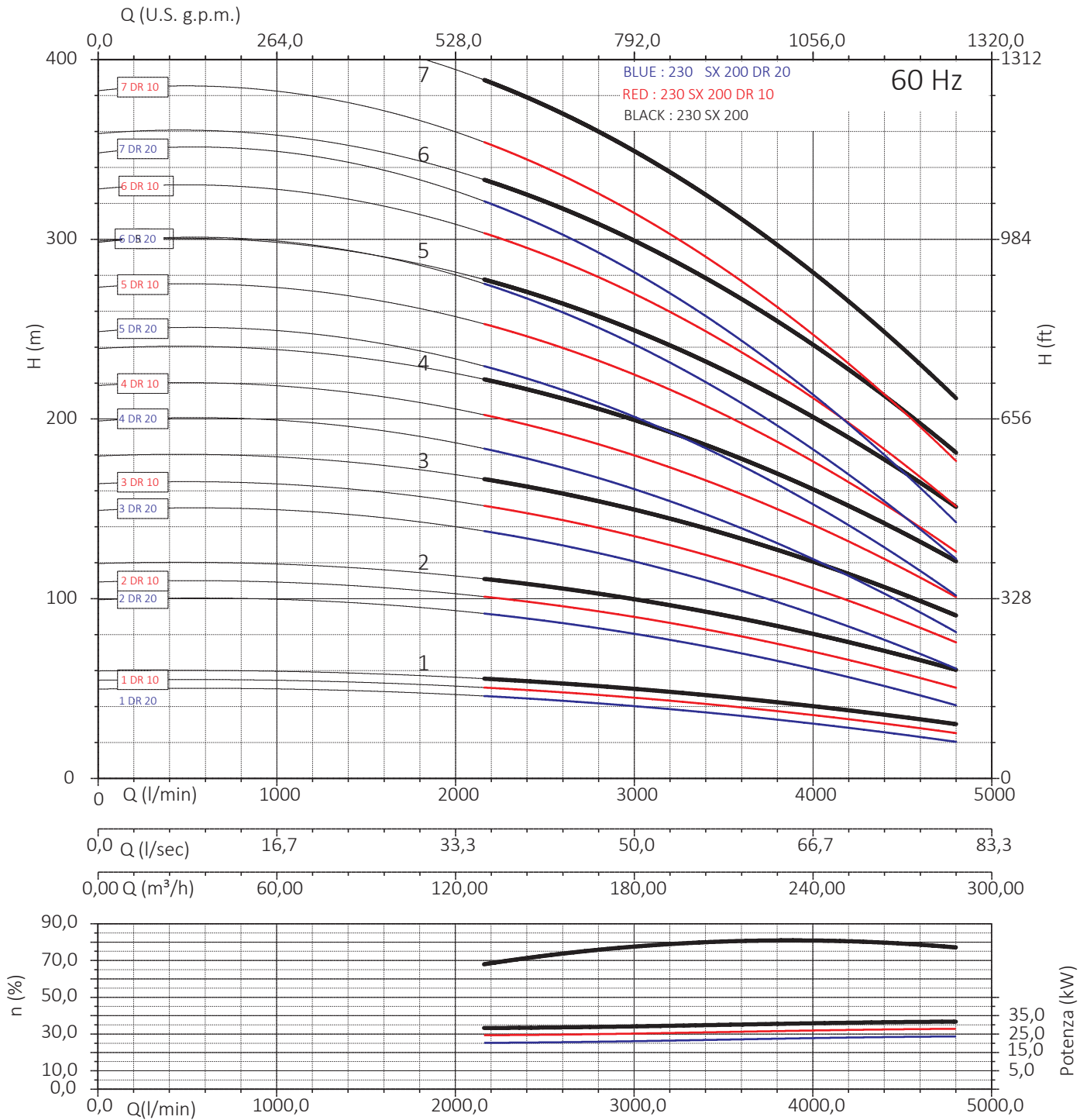
 kW/st = Stage absorption
 230 SX 200: Max 32,00
 230 SX 200 DR 10: Max 28,5
 230 SX 200 DR 20: Max 24,90

Overall dimensions and weights					
Type	A mm Tri	B mm	C mm Tri	M kg Tri	P kg
230 SX 200/1 DR 20	1836	655	1181	100	42
230 SX 200/1 DR 10	1836	655	1181	100	42
230 SX 200/1	1906	655	1251	108	42
230 SX 200/2 DR 20	2145	835	1310	200	58
230 SX 200/2 DR 10	2295	835	1460	216	58
230 SX 200/2	2445	835	1610	260	58
230 SX 200/3 DR 20	2625	1015	1610	260	73
230 SX 200/3 DR 10	2725	1015	1710	286	73
230 SX 200/3	2875	1015	1860	310	73
230 SX 200/4 DR 20	3055	1195	1860	310	89
230 SX 200/4 DR 10	2955	1195	1760	415	89
230 SX 200/4	3105	1195	1910	450	89
230 SX 200/5 DR 20	3135	1375	1760	415	105
230 SX 200/5 DR 10	3375	1375	2000	480	105
230 SX 200/5	3375	1375	2000	480	105
230 SX 200/DR 20	0	1555	0	0	121
230 SX 200/DR 10	0	1555	0	0	121
230 SX 200/6	0	1555	0	0	121
230 SX 200/7 DR 20	0	1735	0	0	137
230 SX 200/7 DR 10	0	1735	0	0	137
230 SX 200/7	0	1735	0	0	137

 Drinking water compatibility according to DM 174
 MEI ≥ 0,4 (regulation EU N. 547/2012) Tolerances
 according to UNI ISO 9906 grade 2B

10" 230 SX 200 SEMIAXIAL SUBMERSIBLE PUMP - IN AISI 304 CASTED STAINLESS STEEL

Service Factor: 1.15

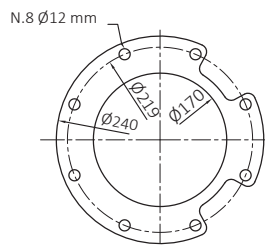
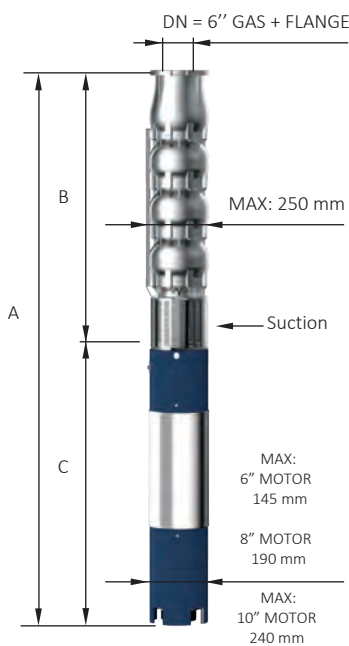


NPSH (m)	25%	50%	75%	100%
230 SX 200	3,4	5	7,8	11,8

10" 230 SX 220 SEMIAXIAL SUBMERSIBLE PUMP - IN AISI 304 CASTED STAINLESS STEEL

Service Factor: 1.15

Motor 3450 rpm				Q= Capacity									
Type	Power		v	H[m]	0	2640	3120	3600	4080	4560	5040	5520	
	kW	HP	460		l/min	0,00	44,00	52,00	60,00	68,00	76,00	84,00	92,00
			A		l/sec	0,0	158,4	187,2	216,0	244,8	273,6	302,4	331,2
230 SX 220/1 DR 20	26,00	35	47,3		53	45	42	39	36	33	27	23	
230 SX 220/1 DR 10	30,00	40	53,8		58	49	47	44	41	37	33	28	
230 SX 220/1	37,00	50	67,1		63	54	52	49	46	42	38	33	
230 SX 220/2 DR 20	55,00	75	97,6		106	89	84	78	72	65	55	46	
230 SX 220/2 DR 10	66,00	90	115,7		116	98	94	88	82	75	66	56	
230 SX 220/2	75,00	100	128,6		126	108	104	98	92	85	76	66	
230 SX 220/3 DR 20	92,00	125	159,1		159	134	125	117	108	98	82	69	
230 SX 220/3 DR 10	92,00	125	159,1		174	147	141	132	123	112	99	84	
230 SX 220/3	110,00	150	188,3		189	162	156	147	138	127	114	99	
230 SX 220/4 DR 20	110,00	150	188,3		212	178	167	156	144	130	109	92	
230 SX 220/4 DR 10	129,00	175	218,9		232	196	188	176	164	150	132	112	
230 SX 220/4	147,00	200	249,4		252	216	207	196	184	169	152	132	
230 SX 220/5 DR 20	129,00	175	218,9		265	223	209	195	180	163	137	115	
230 SX 220/5 DR 10	147,00	200	249,4		290	245	235	220	206	187	165	141	
230 SX 220/5	184,00	250	290,7		315	271	259	245	231	212	190	166	
230 SX 220/6 DR 20	184,00	250	290,7		318	268	251	233	216	195	164	138	
230 SX 220/6 DR 10	184,00	250	290,7		348	294	282	264	247	225	197	169	
230 SX 220/6	221,00	300	369,8		378	325	311	294	277	254	228	199	



n% = Pump efficiency
Max 83,5%

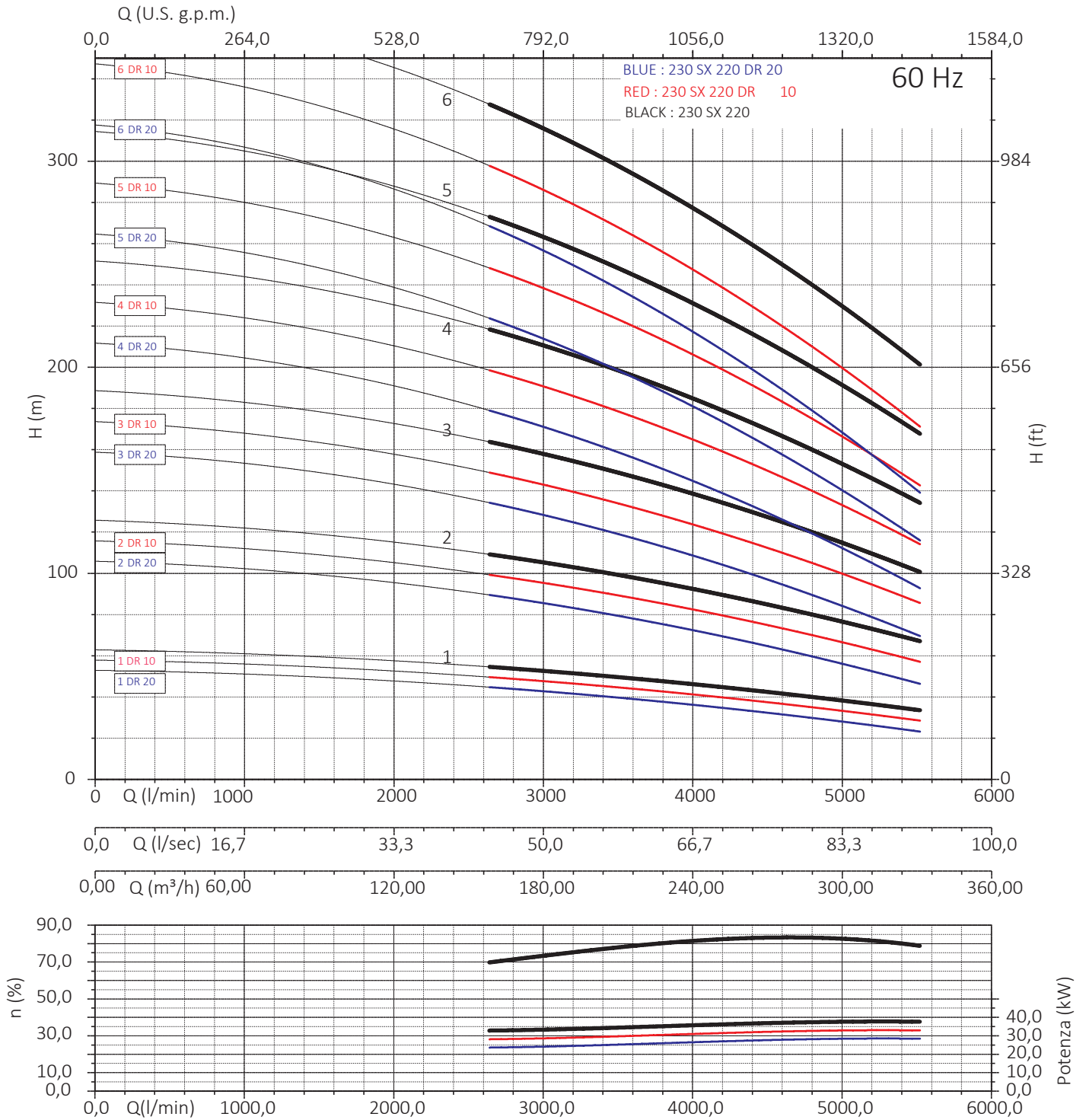
kW/st = Stage absorption
230 SX 220: Max 38,00
230 SX 220 DR 10: Max 32,87
230 SX 220 DR 20: Max 29,58

Dimensioni di ingombro e pesi Overall dimensions and weights					
Type	A mm Tri	B mm	C mm Tri	M kg Tri	P kg
230 SX 220/1 DR 20	1836	655	1181	100	42
230 SX 220/1 DR 10	1906	655	1251	108	42
230 SX 220/1	1996	655	1341	118	42
230 SX 220/2 DR 20	2295	835	1460	216	58
230 SX 220/2 DR 10	2445	835	1610	260	58
230 SX 220/2	2545	835	1710	286	58
230 SX 220/3 DR 20	2875	1015	1860	310	73
230 SX 220/3 DR 10	2875	1015	1860	310	73
230 SX 220/3	2775	1015	1760	415	73
230 SX 220/4 DR 20	2955	1195	1760	415	89
230 SX 220/4 DR 10	3105	1195	1910	450	89
230 SX 220/4	3195	1195	2000	480	89
230 SX 220/5 DR 20	3285	1375	1910	450	105
230 SX 220/5 DR 10	3375	1375	2000	480	105
230 SX 220/5	0	1375	0	0	105
230 SX 220/6 DR 20	0	1555	0	0	121
230 SX 220/6 DR 10	0	1555	0	0	121
230 SX 220/6	0	1555	0	0	121

Drinking water compatibility according to DM 174
MEI ≥ 0,4 (regulation EU N. 547/2012) Tolerances
according to UNI ISO 9906 grade 2B

10" 230 SX 220 SEMIAXIAL SUBMERSIBLE PUMP - IN AISI 304 CASTED STAINLESS STEEL

Service Factor: 1.15

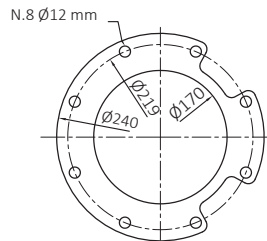
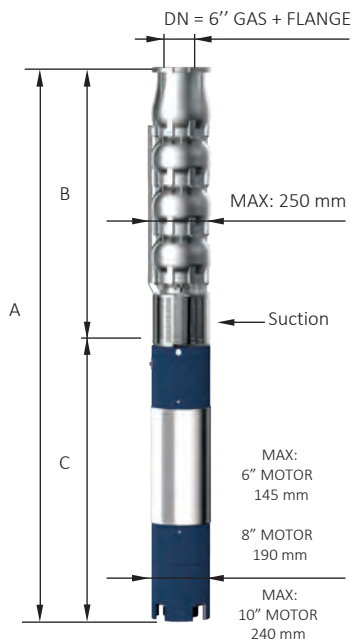


NPSH (m)	25%	50%	75%	100%
230 SX 220	3,4	5	7,8	11,8

10" 230 SX 240 SEMIAXIAL SUBMERSIBLE PUMP - IN AISI 304 CASTED STAINLESS STEEL

Service Factor: 1.15

Motor 3450 rpm				Q= Capacity											
Type	Power		v 460	l/min	0	2880	3360	3840	4320	4800	5280	5760	6000	6240	
	kW	HP	A	l/sec	0,00	48,00	56,00	64,00	72,00	80,00	88,00	96,00	100,00	104,00	
				m³/h	0,0	172,8	201,6	230,4	259,2	288,0	316,8	345,6	360,0	374,4	
230 SX 240/1 DR 20	30,00	40	53,8	H[m]	45	42	41	39	36	34	30	26			
230 SX 240/1 DR 10	37,00	50	67,1		51	48	46	45	41	38	35	31	28		
230 SX 240/1	37,00	50	67,1		63	53	50	48	46	43	40	37	36	35	
230 SX 240/2 DR 20	55,00	75	97,6		90	84	81	78	73	67	60	51			
230 SX 240/2 DR 10	66,00	90	115,7		103	96	93	89	83	77	70	63	57		
230 SX 240/2	75,00	100	128,6		127	105	100	97	92	85	80	75	72	69	
230 SX 240/3 DR 20	92,00	125	159,1		135	127	122	117	109	101	91	77			
230 SX 240/3 DR 10	110,00	150	188,3		154	144	139	134	124	115	105	94	85		
230 SX 240/3	110,00	150	188,3		190	158	149	145	138	128	120	112	108	104	
230 SX 240/4 DR 20	110,00	150	188,3		180	169	163	156	146	134	121	102			
230 SX 240/4 DR 10	129,00	175	218,9		206	192	186	179	165	154	140	125	114		
230 SX 240/4	147,00	200	249,4		253	211	199	193	184	170	160	150	144	138	
230 SX 240/5 DR 20	147,00	200	249,4		225	211	204	194	182	168	151	128			
230 SX 240/5 DR 10	184,00	250	290,7		257	240	232	223	207	192	175	156	142		
230 SX 240/5	184,00	250	290,7		317	263	249	242	231	213	200	187	180	173	
230 SX 240/6 DR 20	184,00	250	290,7		270	253	244	233	218	201	181	153			
230 SX 240/6 DR 10	221,00	300	369,8		309	287	279	268	248	231	210	188	170		
230 SX 240/6	221,00	300	369,8		380	316	299	290	277	255	239	225	216	207	


 FOR COMMERCIAL TUBE EXTERNAL
DIAMETER: 168,3 mm

n% = Pump efficiency
Max 84,0%

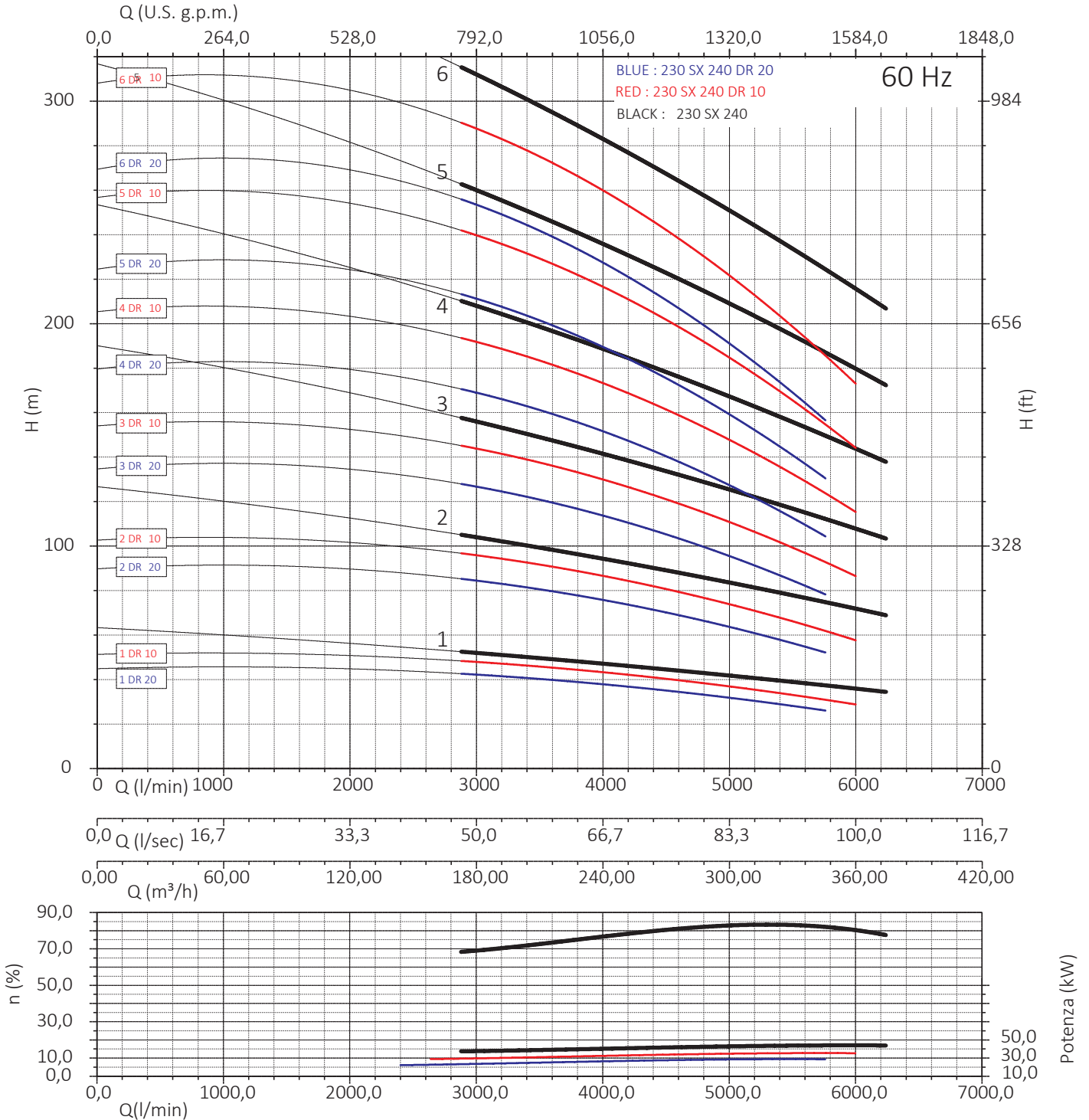
kW/st = Stage absorption
 230 SX 240: Max 42,38
 230 SX 240 DR 10: Max 36,84
 230 SX 240 DR 20: Max 31,14

Overall dimensions and weights					
Type	A mm Tri	B mm	C mm Tri	M kg Tri	P kg
230SX240/1DR20	1906	655	1251	108	42
230SX240/1DR10	1996	655	1341	118	42
230SX240/1	1996	655	1341	118	42
230SX240/2DR20	2295	835	1460	216	58
230SX240/2DR10	2445	835	1610	260	58
230SX240/2	2545	835	1710	286	58
230SX240/3DR20	2875	1015	1860	310	73
230SX240/3DR10	2775	1015	1760	415	73
230SX240/3	2775	1015	1760	415	73
230SX240/4DR20	2955	1195	1760	415	89
230SX240/4DR10	3105	1195	1910	450	89
230SX240/4	3195	1195	2000	480	89
230SX240/5DR20	3375	1375	2000	480	105
230SX240/5DR10	0	1375	0	0	105
230SX240/5	0	1375	0	0	105
230SX240/6DR20	0	1555	0	0	121
230SX240/6DR10	0	1555	0	0	121
230SX240/6	0	1555	0	0	121

 Drinking water compatibility according to DM 174
 MEI ≥ 0,4 (regulation EU N. 547/2012) Tolerances
 according to UNI ISO 9906 grade 2B

10" 230 SX 240 SEMIAXIAL SUBMERSIBLE PUMP - IN AISI 304 CASTED STAINLESS STEEL

Service Factor: 1.15

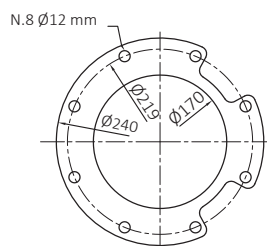
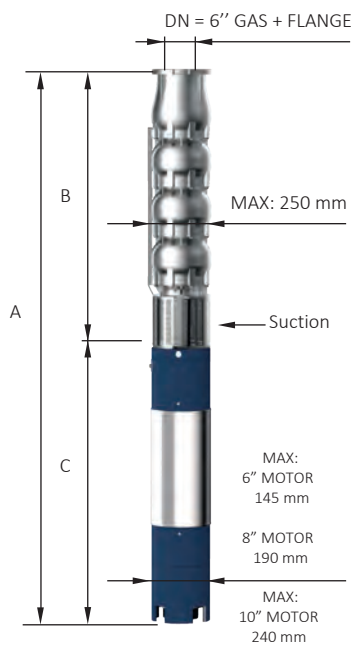


NPSH (m)	25%	50%	75%	100%
230 SX 240	3,4	5	7,8	11,8

10" 230 SX 280 SEMIAXIAL SUBMERSIBLE PUMP - IN AISI 304 CASTED STAINLESS STEEL

Service Factor: 1.15

Motora 3450 rpm				Q= Capacity									
Type	Power		V 460	l/min	0	3600	4080	4560	5040	5520	6000	6480	6960
	kW	HP			A	l/sec	60,00	68,00	76,00	84,00	92,00	100,00	108,00
			m ³ /h			0,0	216,0	244,8	273,6	302,4	331,2	360,0	388,8
230 SX 280/1 DR 20	37,00	50	67,1	H[m]	52	41	40	38	36	33	31	28	23
230 SX 280/1 DR 10	44,00	60	79,1		59	48	46	44	42	39	37	34	30
230 SX 280/1	55,00	75	97,6		65	54	53	50	48	45	43	41	36
230 SX 280/2 DR 20	75,00	100	128,6		104	83	80	76	71	66	61	55	47
230 SX 280/2 DR 10	92,00	125	159,1		117	96	93	89	84	78	74	69	60
230 SX 280/2	92,00	125	159,1		130	108	105	101	96	91	86	81	72
230 SX 280/3 DR 20	110,00	150	188,3		157	124	120	113	107	98	92	83	70
230 SX 280/3 DR 10	129,00	175	218,9		176	144	139	133	126	118	111	103	90
230 SX 280/3	147,00	200	249,4		194	162	158	151	145	136	130	122	108
230 SX 280/4 DR 20	147,00	200	249,4		209	166	160	151	143	131	122	111	94
230 SX 280/4 DR 10	184,00	250	290,7		235	192	186	177	168	157	148	138	120
230 SX 280/4	221,00	300	369,8		259	216	210	202	193	181	173	162	144
230 SX 280/5 DR 20	184,00	250	290,7		261	207	200	189	178	164	153	139	117
230 SX 280/5 DR 10	221,00	300	369,8		294	240	232	221	211	196	186	172	150
230 SX 280/5	250,00	340	413,7		324	270	263	252	241	227	216	203	180



FOR COMMERCIAL TUBE EXTERNAL
DIAMETER: 168,3 mm

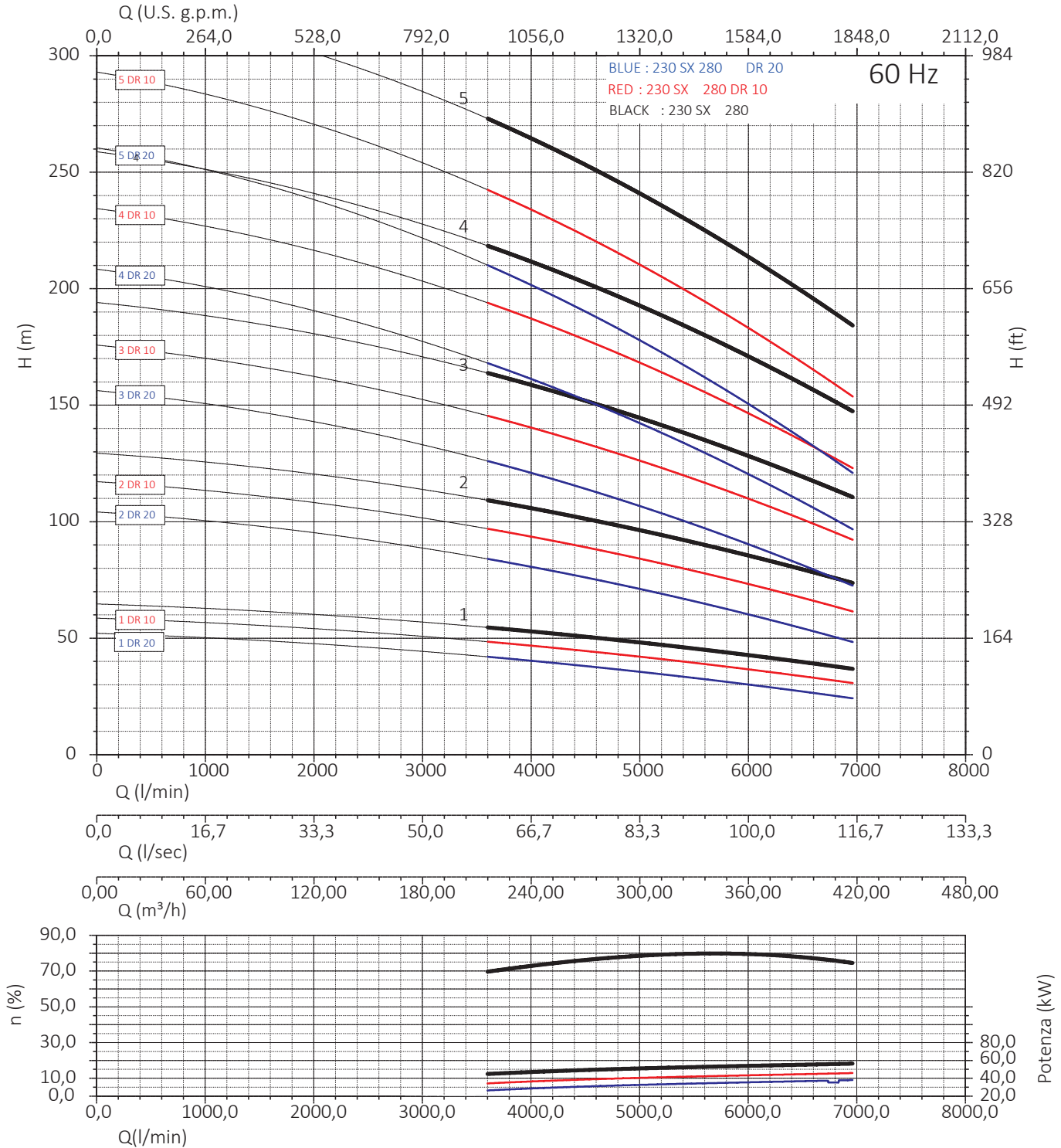
n% = Pump efficiency
Max 80,5%

kW/st = Stage absorption
230 SX 280: Max 53,63
230 SX 280 DR 10: Max 46,71
230 SX 280 DR 20: Max 39,79

Overall dimensions and weights					
Type	A mm Tri	B mm	C mm Tri	M kg Tri	P kg
230 SX 280/1 DR 20	1996	655	1341	118	41
230 SX 280/1 DR 10	1965	655	1310	200	41
230 SX 280/1	2115	655	1460	216	41
230 SX 280/2 DR 20	2545	835	1710	286	56
230 SX 280/2 DR 10	2695	835	1860	310	56
230 SX 280/2	2695	835	1860	310	56
230 SX 280/3 DR 20	2775	1015	1760	415	72
230 SX 280/3 DR 10	2925	1015	1910	450	72
230 SX 280/3	3015	1015	2000	480	72
230 SX 280/4 DR 20	3195	1195	2000	480	88
230 SX 280/4 DR 10	0	1195	0	0	88
230 SX 280/4	0	1195	0	0	88
230 SX 280/5 DR 20	0	1375	0	0	104
230 SX 280/5 DR 10	0	1375	0	0	104
230 SX 280/5	0	1375	0	0	104

6" 140 SX 34 SEMIAXIAL SUBMERSIBLE PUMP - IN AISI 304 CASTED STAINLESS STEEL

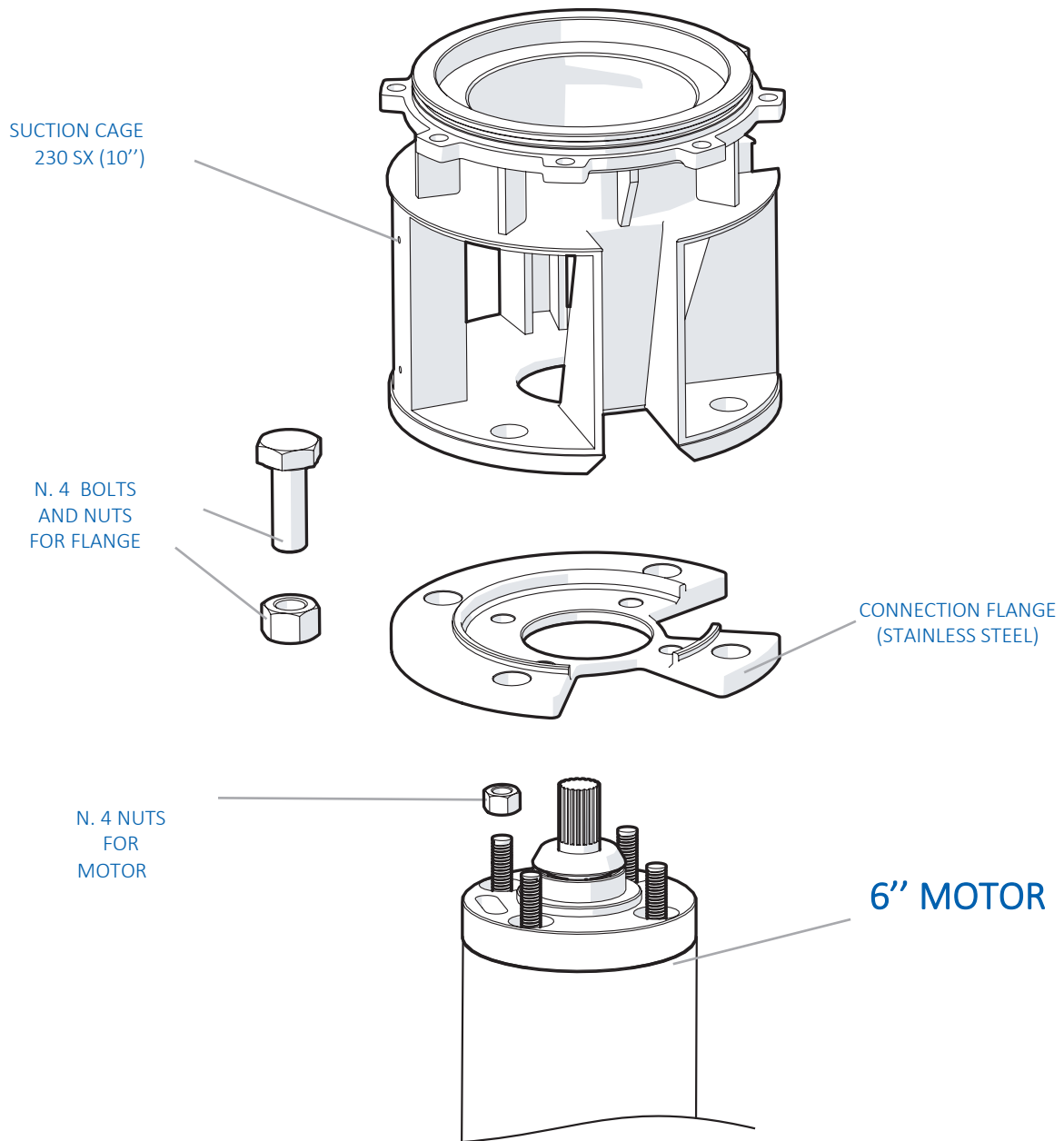
Service Factor: 1.15



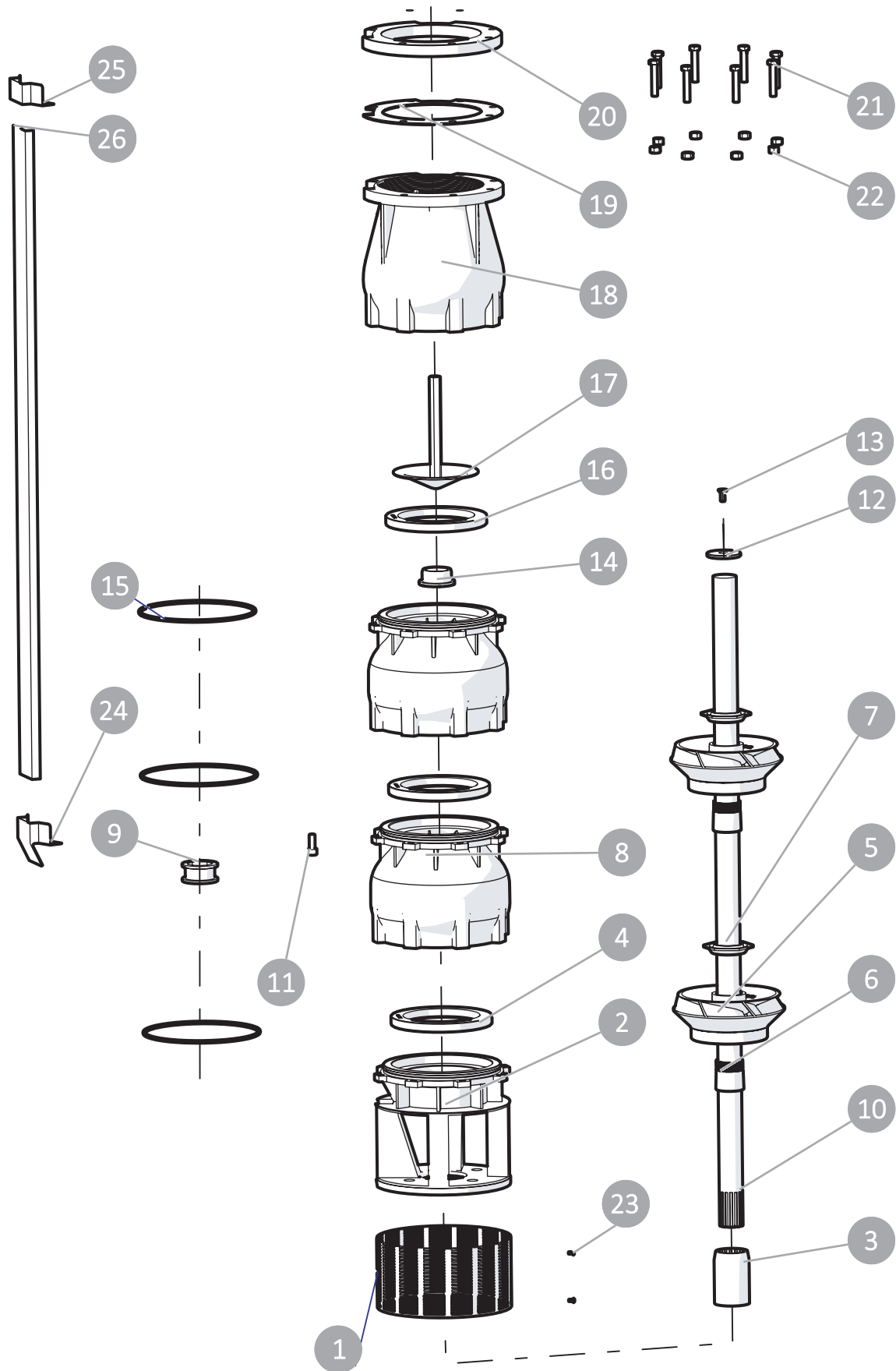
NPSH (m)	25%	50%	75%	100%
230 SX 280	3,4	5	7,8	11,8

6" 140 SX SEMIAXIAL SUBMERSIBLE PUMP IN AISI 304 CASTED STAINLESS STEEL - COUPLING:

**10" PUMP COUPLING WITH 6" MOTORS
CONNECTION FLANGE**



SPARE PARTS

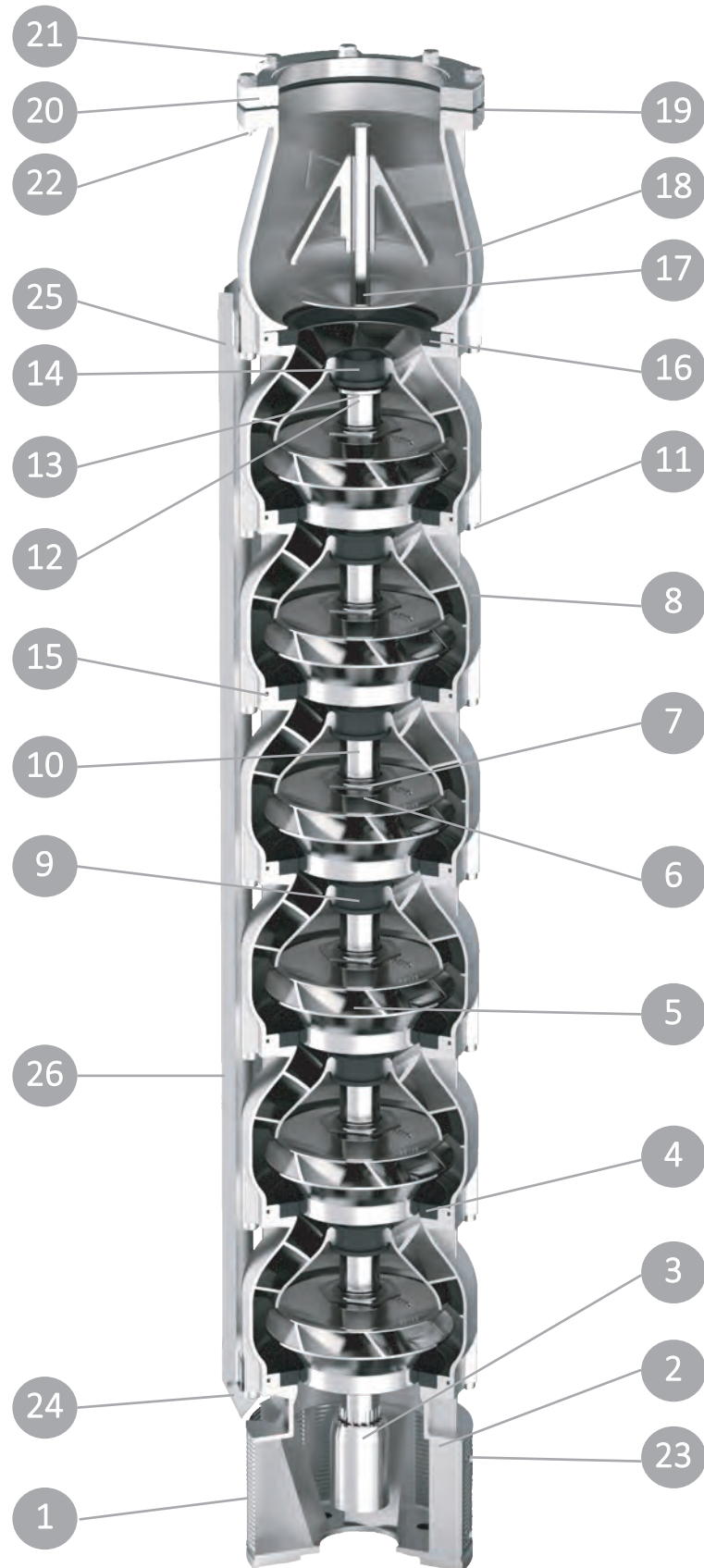


SPARE PARTS

140 - 180 - 230 SX				
N.CODE	DESCRIZIONE (Italiano)	MATERIALE (Italiano)	DESCRIPTION (English)	MATERIAL (English)
1	SUCCHERUOLA	ACCIAIO INOX AISI 304	SUCTION STRAINER	AISI 304
2	GABBIA DI ASPIRAZIONE	ACCIAIO INOX AISI 304	SUCTION CAGE	AISI 304
3	GIUNTO	ACCIAIO INOX AISI 304	JOINT	AISI 304
4	ANELLO USURA	GOMMA	USURY RING	NBR
5	GIRANTE	ACCIAIO INOX AISI 304	IMPELLER	AISI 304
6	CONO	ACCIAIO INOX AISI 304	CONE	AISI 304
7	GHIERA	ACCIAIO INOX AISI 304	HEXAGONAL RING	AISI 304
8	DIFFUSORE	ACCIAIO INOX AISI 304	DIFFUSEUR	AISI 304
9	BRONZINA	GOMMA	BEARING BUSH	NBR
10	ALBERO POMPA	ACCIAIO INOX AISI 304	PUMP SHAFT	AISI 304
11	N.8 VITI PER DIFFUSORE	ACCIAIO INOX AISI 304	N.8 SCREW FOR DIFFUSEUR	AISI 304
12	DISCO ACCIAIO	ACCIAIO INOX AISI 304	RING	AISI 304
13	VITE DISCO ACCIAIO	ACCIAIO INOX AISI 304	SCREW FOR DISK	AISI 304
14	CONTROSOSPENSIONE	PTFE + 25 CARBONE	COUNTERTHRUST	PTFE + 25 CARBON
15	O-RING	GOMMA	O-RING	NBR
16	GUARNIZIONE FARFALLA	GOMMA	GASKET VALVE	NBR
17	FARFALLA	ACCIAIO INOX AISI 304	CAP VALVE	AISI 304
18	CORPO VALVOLA	ACCIAIO INOX AISI 304	BODY VALVE	AISI 304
19	GUARNIZIONE CONTROFLANGIA	GOMMA	SEAL COUNTERFLANGE	NBR
20	CONTROFLANGIA	ACCIAIO INOX AISI 304	COUNTERFLANGE	AISI 304
21	N.8 VITI PER CONTROFLANGIA	ACCIAIO INOX AISI 304	N.8 SCREW FOR COUNTERFLANGE	AISI 304
22	N.8 DADI PER CONTROFLANGIA	ACCIAIO INOX AISI 304	N.8 NUT FOR COUNTERFLANGE	AISI 304
23	N.2 VITI PER SUCCHERUOLA	ACCIAIO INOX AISI 304	N.2 SCREW FOR SUCTION STRAINER	AISI 304
24	STAFFETTA INFERIORE	ACCIAIO INOX AISI 304	LOWER FLANGE	AISI 304
25	STAFFETTA SUPERIORE	ACCIAIO INOX AISI 304	UPPER FLANGE	AISI 304
26	COPRICAIVO	ACCIAIO INOX AISI 304	COVER CABLE	AISI 304

N.CODE	DESCRIPTION (Français)	MATÉRIEL (Français)	DESCRIPCIÓN (Español)	MATERIAL (Español)
1	CREPINE	ACIER INOXYDABLE AISI 304	REJILLA	ACERO INOXYDABLE AISI 304
2	CAGE D'ASPIRATION	ACIER INOXYDABLE AISI 304	CUERPO DE ASPIRACION	ACERO INOXYDABLE AISI 304
3	JOINT	ACIER INOXYDABLE AISI 304	ACOPLAMIENTO	ACERO INOXYDABLE AISI 304
4	BAGUE D'USURE	CAOUTCHOUC	ANILLO DE DESGASTE	GOMA
5	ROUE	ACIER INOXYDABLE AISI 304	IMPULSOR	ACERO INOXYDABLE AISI 304
6	CONO	ACIER INOXYDABLE AISI 304	CONO	ACERO INOXYDABLE AISI 304
7	BAGUE	ACIER INOXYDABLE AISI 304	ANILLO HEXAGONAL	ACERO INOXYDABLE AISI 304
8	DIFFUSEUR	ACIER INOXYDABLE AISI 304	DIFUSOR	ACERO INOXYDABLE AISI 304
9	COUSSINET	CAOUTCHOUC	COJINETE	GOMA
10	ABRE POMPE	ACIER INOXYDABLE AISI 304	EJE DE BOMBA	ACERO INOXYDABLE AISI 304
11	N.8 VIS POUR DIFFUSEUR	ACIER INOXYDABLE AISI 304	N.8 TORNILLOS DIFUSOR	ACERO INOXYDABLE AISI 304
12	RING	ACIER INOXYDABLE AISI 304	ANILLO EN ACERO	ACERO INOXYDABLE AISI 304
13	VIS RING	ACIER INOXYDABLE AISI 304	TORNILLO POR ANILLO EN ACERO	ACERO INOXYDABLE AISI 304
14	CONTRESUSPENSION	PTFE + 25% GRAPHITE	CONTRA-SUSPENSION	PTFE + 25% GRAPHITE
15	O-RING	CAOUTCHOUC	ANILLO TORICO	GOMA
16	GASKET VALVE	CAOUTCHOUC	JUNTA DE VALVULA	GOMA
17	PLAT	ACIER INOXYDABLE AISI 304	VALVULA	ACERO INOXYDABLE AISI 304
18	CORPS DE VALVE	ACIER INOXYDABLE AISI 304	CUERPO DE IMPULSION	ACERO INOXYDABLE AISI 304
19	JOINT ETANCHEITE CONTREBRIDE	CAOUTCHOUC	JUNTA CONTRE-BRIDA	GOMA
20	CONTREBRIDE	ACIER INOXYDABLE AISI 304	CONTRE-BRIDA	ACERO INOXYDABLE AISI 304
21	N.8 VIS POUR CONTREBRIDE	ACIER INOXYDABLE AISI 304	N. 8 TORNILLOS CONTRE-BRIDA	ACERO INOXYDABLE AISI 304
22	N.8 ECRU POUR CONTREBRIDE	ACIER INOXYDABLE AISI 304	N. 8 TUERCAS CONTRE-BRIDA	ACERO INOXYDABLE AISI 304
23	N.2 VIS POUR CREPINE	ACIER INOXYDABLE AISI 304	N.2 TORNILLOS REJILLA	ACERO INOXYDABLE AISI 304
24	BRIDE INFERIEURE	ACIER INOXYDABLE AISI 304	GRAPA INFERIOR	ACERO INOXYDABLE AISI 304
25	BRIDE SUPERIEURE	ACIER INOXYDABLE AISI 304	GRAPA SUPERIOR	ACERO INOXYDABLE AISI 304
I"	PROTECTOR CABLE	ACIER INOXYDABLE AISI 304	PARACABLE	ACERO INOXYDABLE AISI 304

SPARE PARTS



SPARE PARTS

140 - 180 - 230 SX				
N.CODE	DESCRIZIONE (Italiano)	MATERIALE (Italiano)	DESCRIPTION (English)	MATERIAL (English)
1	SUCCHERUOLA	ACCIAIO INOX AISI 304	SUCTION STRAINER	AISI 304
2	GABBIA DI ASPIRAZIONE	ACCIAIO INOX AISI 304	SUCTION CAGE	AISI 304
3	GIUNTO	ACCIAIO INOX AISI 304	JOINT	AISI 304
4	ANELLO USURA	GOMMA	USURY RING	NBR
5	GIRANTE	ACCIAIO INOX AISI 304	IMPELLER	AISI 304
6	CONO	ACCIAIO INOX AISI 304	CONE	AISI 304
7	GHIERA	ACCIAIO INOX AISI 304	HEXAGONAL RING	AISI 304
8	DIFFUSORE	ACCIAIO INOX AISI 304	DIFFUSEUR	AISI 304
9	BRONZINA	GOMMA	BEARING BUSH	NBR
10	ALBERO POMPA	ACCIAIO INOX AISI 304	PUMP SHAFT	AISI 304
11	N.8 VITI PER DIFFUSORE	ACCIAIO INOX AISI 304	N.8 SCREW FOR DIFFUSEUR	AISI 304
12	DISCO ACCIAIO	ACCIAIO INOX AISI 304	RING	AISI 304
13	VITE DISCO ACCIAIO	ACCIAIO INOX AISI 304	SCREW FOR DISK	AISI 304
14	CONTROSOSPENSIONE	PTFE + 25 CARBONE	COUNTERTHRUST	PTFE + 25 CARBON
15	O-RING	GOMMA	O-RING	NBR
16	GUARNIZIONE FARFALLA	GOMMA	GASKET VALVE	NBR
17	FARFALLA	ACCIAIO INOX AISI 304	CAP VALVE	AISI 304
18	CORPO VALVOLA	ACCIAIO INOX AISI 304	BODY VALVE	AISI 304
19	GUARNIZIONE CONTROFLANGIA	GOMMA	SEAL COUNTERFLANGE	NBR
20	CONTROFLANGIA	ACCIAIO INOX AISI 304	COUNTERFLANGE	AISI 304
21	N.8 VITI PER CONTROFLANGIA	ACCIAIO INOX AISI 304	N.8 SCREW FOR COUNTERFLANGE	AISI 304
22	N.8 DADI PER CONTROFLANGIA	ACCIAIO INOX AISI 304	N.8 NUT FOR COUNTERFLANGE	AISI 304
23	N.2 VITI PER SUCCHERUOLA	ACCIAIO INOX AISI 304	N.2 SCREW FOR SUCTION STRAINER	AISI 304
24	STAFFETTA INFERIORE	ACCIAIO INOX AISI 304	LOWER FLANGE	AISI 304
25	STAFFETTA SUPERIORE	ACCIAIO INOX AISI 304	UPPER FLANGE	AISI 304
26	COPRICAPO	ACCIAIO INOX AISI 304	COVER CABLE	AISI 304

N.CODE	DESCRIPTION (Français)	MATÉRIEL (Français)	DESCRIPCIÓN (Español)	MATERIAL (Español)
1	CREPINE	ACIER INOXYDABLE AISI 304	REJILLA	ACERO INOXYDABLE AISI 304
2	CAGE D'ASPIRATION	ACIER INOXYDABLE AISI 304	CUERPO DE ASPIRACION	ACERO INOXYDABLE AISI 304
3	JOINT	ACIER INOXYDABLE AISI 304	ACOPLAMIENTO	ACERO INOXYDABLE AISI 304
4	BAGUE D'USURE	CAOUTCHOUC	ANILLO DE DESGASTE	GOMA
5	ROUE	ACIER INOXYDABLE AISI 304	IMPULSOR	ACERO INOXYDABLE AISI 304
6	CONE	ACIER INOXYDABLE AISI 304	CONO	ACERO INOXYDABLE AISI 304
7	BAGUE	ACIER INOXYDABLE AISI 304	ANILLO HEXAGONAL	ACERO INOXYDABLE AISI 304
8	DIFFUSEUR	ACIER INOXYDABLE AISI 304	DIFUSOR	ACERO INOXYDABLE AISI 304
9	COUSSINET	CAOUTCHOUC	COJINETE	GOMA
10	ABRE POMPE	ACIER INOXYDABLE AISI 304	EJE DE BOMBA	ACERO INOXYDABLE AISI 304
11	N.8 VIS POUR DIFFUSEUR	ACIER INOXYDABLE AISI 304	N.8 TORNILLOS DIFUSOR	ACERO INOXYDABLE AISI 304
12	RING	ACIER INOXYDABLE AISI 304	ANILLO EN ACERO	ACERO INOXYDABLE AISI 304
13	VIS RING	ACIER INOXYDABLE AISI 304	TORNILLO POR ANILLO EN ACERO	ACERO INOXYDABLE AISI 304
14	CONTRESUSPENSION	PTFE + 25% GRAPHITE	CONTRA-SUSPENSION	PTFE + 25% GRAPHITE
15	O-RING	CAOUTCHOUC	ANILLO TORICO	GOMA
16	GASKET VALVE	CAOUTCHOUC	JUNTA DE VALVULA	GOMA
17	PLAT	ACIER INOXYDABLE AISI 304	VALVULA	ACERO INOXYDABLE AISI 304
18	CORPS DE VALVE	ACIER INOXYDABLE AISI 304	CUERPO DE IMPULSION	ACERO INOXYDABLE AISI 304
19	JOINT ETANCHEITE CONTREBRIDE	CAOUTCHOUC	JUNTA CONTRE-BRIDA	GOMA
20	CONTREBRIDE	ACIER INOXYDABLE AISI 304	CONTRE-BRIDA	ACERO INOXYDABLE AISI 304
21	N.8 VIS POUR CONTREBRIDE	ACIER INOXYDABLE AISI 304	N. 8 TORNILLOS CONTRE-BRIDA	ACERO INOXYDABLE AISI 304
22	N.8 ECRU POUR CONTREBRIDE	ACIER INOXYDABLE AISI 304	N. 8 TUERCAS CONTRE-BRIDA	ACERO INOXYDABLE AISI 304
23	N.2 VIS POUR CREPINE	ACIER INOXYDABLE AISI 304	N.2 TORNILLOS REJILLA	ACERO INOXYDABLE AISI 304
24	BRIDE INFERIEURE	ACIER INOXYDABLE AISI 304	GRAPA INFERIOR	ACERO INOXYDABLE AISI 304
25	BRIDE SUPERIEURE	ACIER INOXYDABLE AISI 304	GRAPA SUPERIOR	ACERO INOXYDABLE AISI 304
I"	PROTECTOR CABLE	ACIER INOXYDABLE AISI 304	PARACABLE	ACERO INOXYDABLE AISI 304