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SD/SK/SP

DEEP WELL SUBMERSIBLE PUMP

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5 ----- **3SD**

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Pump Introduction

The SD, SK, and SP series submersible pumps are designed with a tight coupling between the electric motor and the pump body via a shaft design. A suction filter is installed between the pump and the motor to effectively isolate impurities in the liquid. The entire assembly is submerged in the liquid for operation, which prevents cavitation in the pump (an issue related to the height difference between the pump and the fluid surface). Submersible pumps utilize the centrifugal force generated by the rotation of the pump impeller driven by the motor to propel fluid from underground to the surface.

The main applications of the SD, SK, and SP series submersible pumps consist of two parts: the ground components and the underground components. The ground components include control cabinets, cables, transformers, etc., while the underground components comprise pipelines, pumps, and other equipment attached to the ground components, extending down to the bottom of the well via delivery pipelines. Typically, the motor section of the submersible pump is installed below the hydraulic level.

Pump Material

- SD Series 3-inch and 4-inch fully plastic material submersible pumps
- SK Series 4-inch plastic impeller, stainless steel guide shell submersible pumps
- SP Series 4-inch, 6-inch, 8-inch, and 10-inch fully stainless steel material submersible pumps

Altitude and Ambient Temperature

When the pump operates at an ambient temperature greater than 40°C or an altitude greater than 1000m, the motor output power P2 will decrease. In such cases, the motor power must be increased accordingly.

Operating Conditions

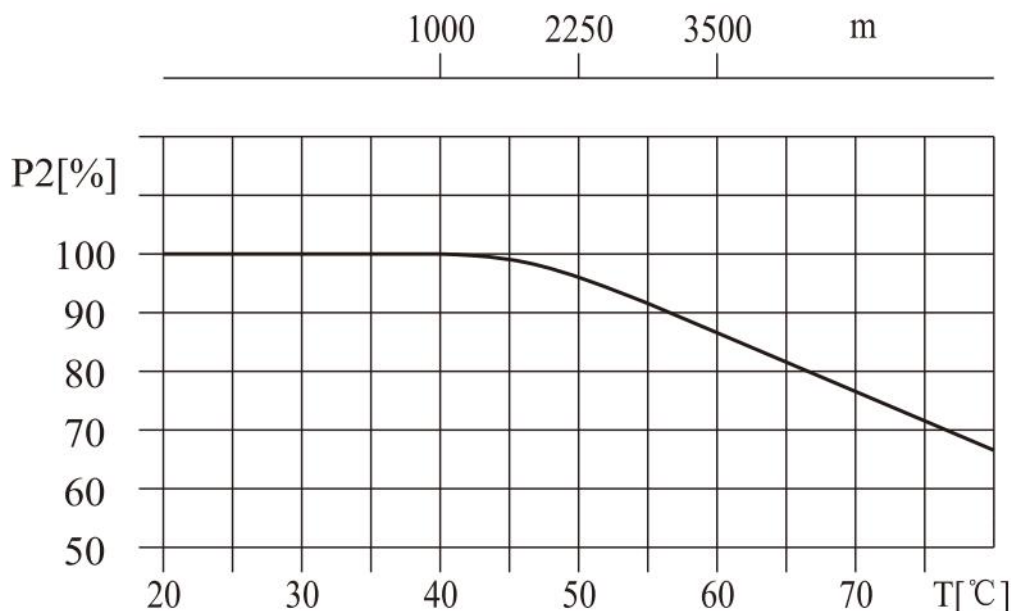
- Thin, clean, non-flammable, non-explosive liquids without particles or fibers
- Ambient temperature: Not exceeding +40°C
- Altitude: Not exceeding 1000m
- Submerged depth: 70m

Motor

- Protection Class: IP68
- Insulation Class: F
- Voltage: 3x220-240/380-415V 1x220-240V
Single-phase motors ranging from 0.37kW to 2.2kW are available.

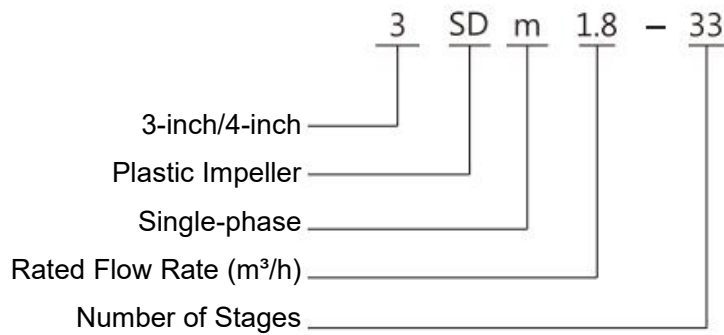
Performance Curves

- All curves are based on test values of the motor operating at a constant speed of 2850 rpm or 2900 rpm.
- Curve tolerances comply with ISO 9906.
- Tests were conducted using water at 20°C, free of air, with a kinematic viscosity of 1 mm²/s.
- The use of the pump should refer to the performance range indicated by the thick line to prevent overheating due to insufficient flow or motor overload due to excessive flow.

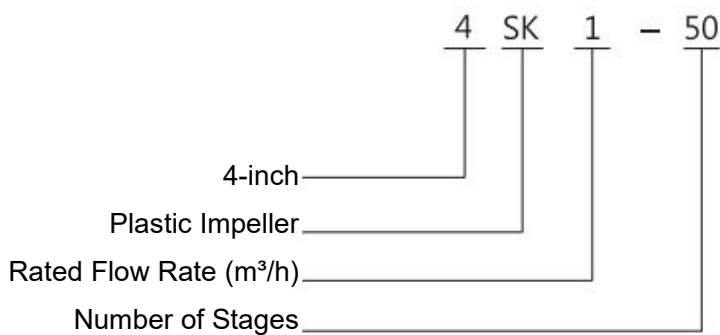


Model Description

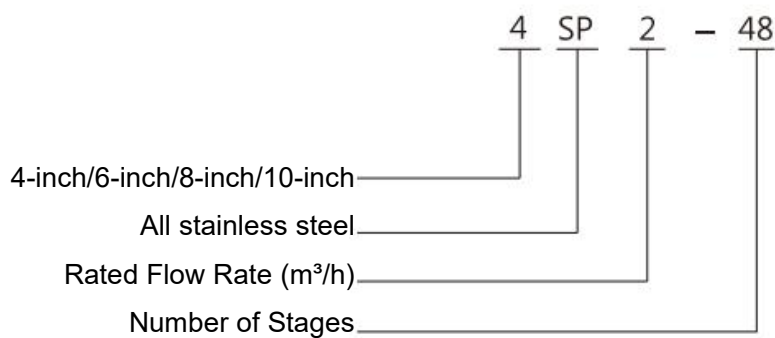
3SDm1.8-33



4SK1-50



4SP2-48

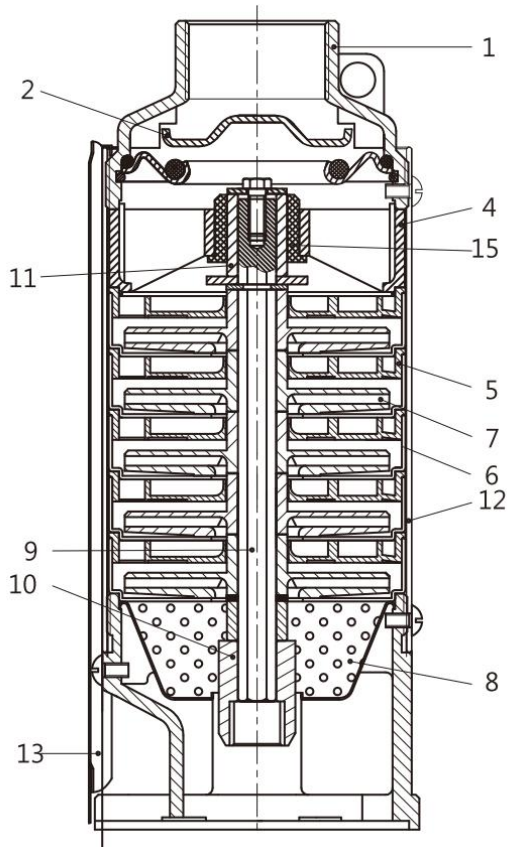


Typical Applications

Groundwater pumping

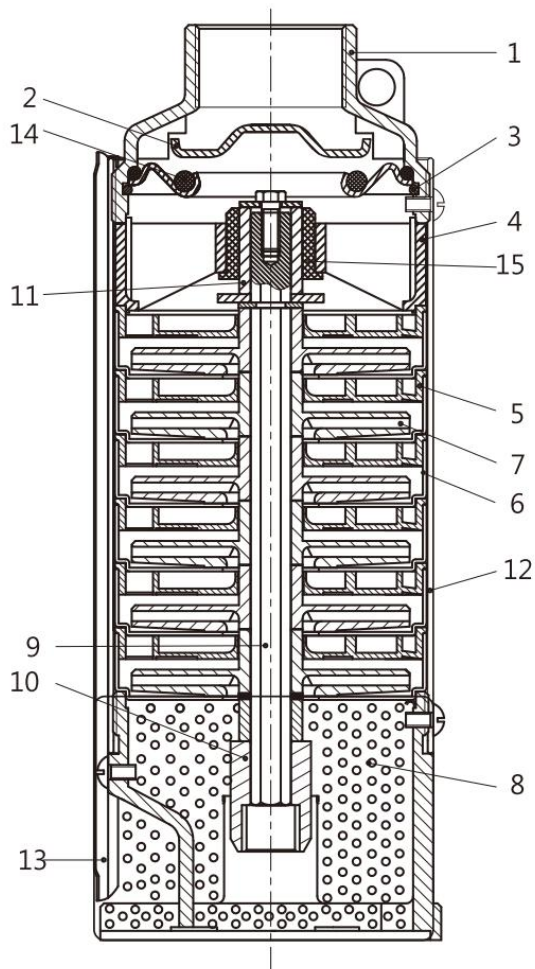
- Residential Pumping
- Well Pumping
- Municipal Pumping
- Industrial Pumping
- Villa Water Supply
- Lowering Groundwater Level
- Water Supply System
- Municipal Water Supply
- System Pressure Boosting
- Pipeline Pressure Boosting
- Sprinkler Irrigation System
- Air Conditioning System
- Fire Protection System
- Cooling Circulation System

Structure and Materials SD



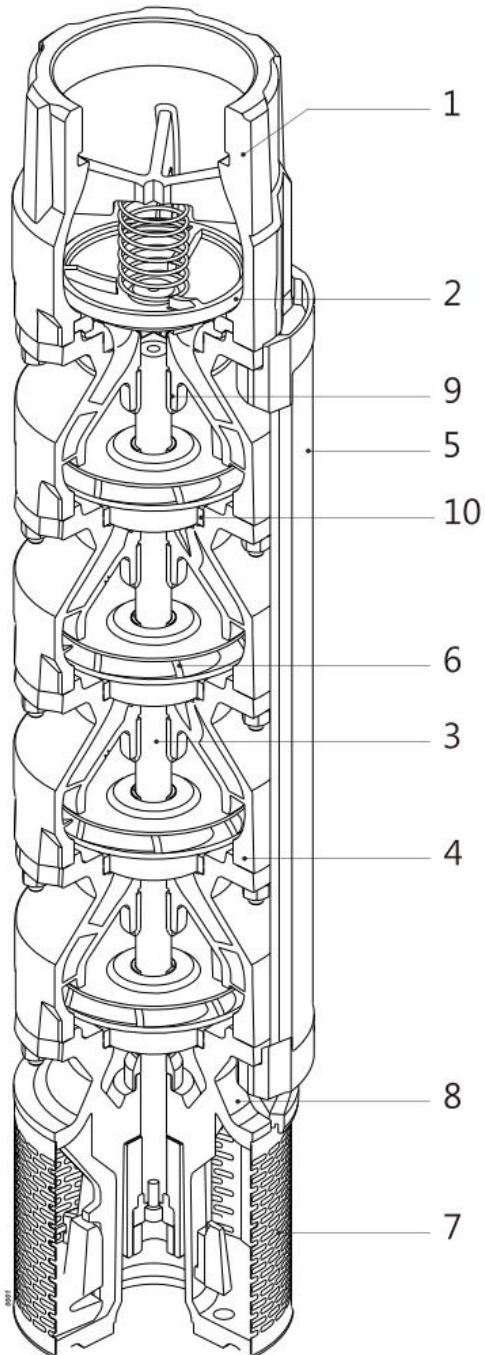
NO.	Component	Material
1	Outflow from water bodies	Copper/Cast Iron/Stainless Steel
2	Check Valve	Enhance PC
4	Draft tube guide vanes	
5	Guide vane	
6	Drain Cover Plate	
7	Impeller	POM
8	Filter	Stainless steel
9	Pump shaft	
10	Coupling	
11	Spacer	
12	Pump cylinder	
13	Cable Sheath	
15	Bearing	Ether Polyurethane

Structure and Materials SK



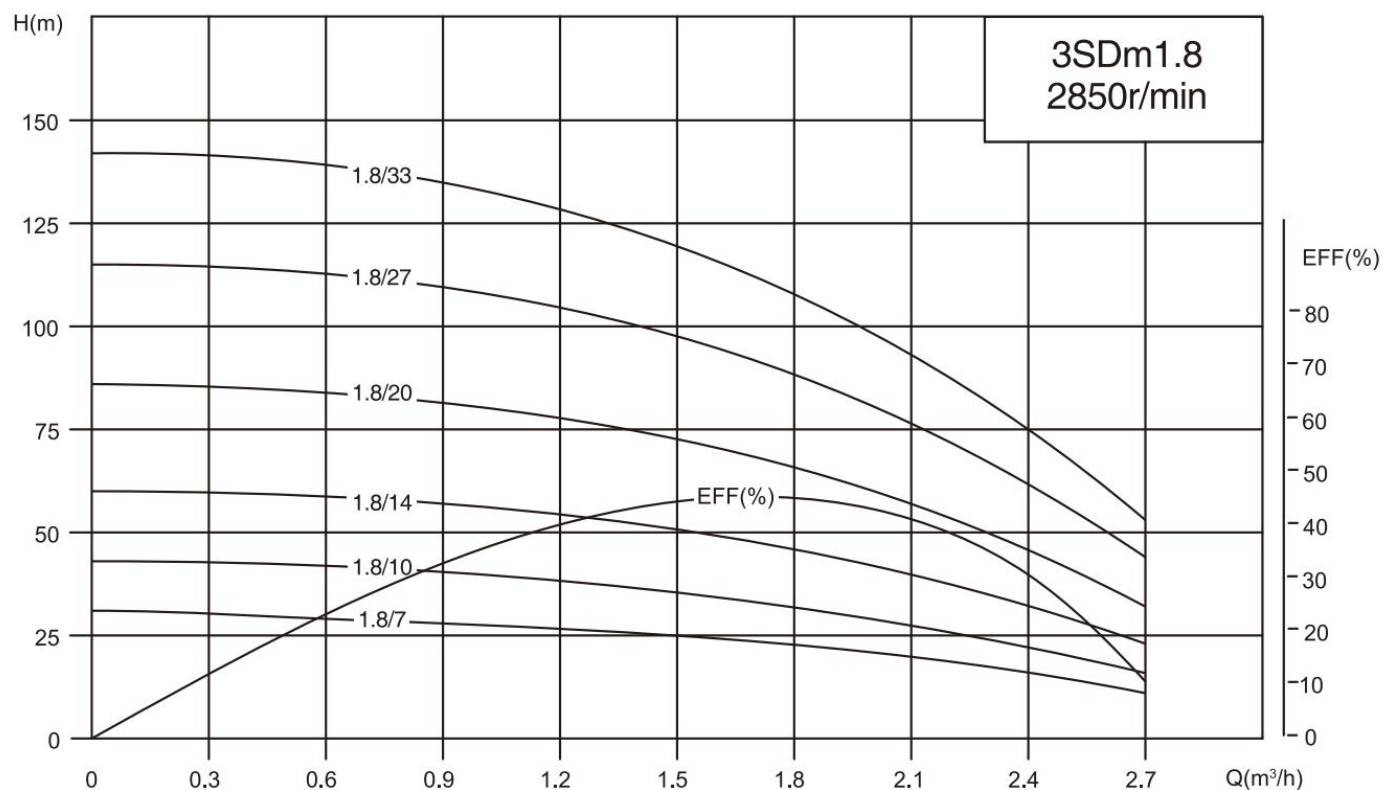
NO.	Component	Material
1	Outflow from water bodies	Stainless steel
2	Check Valve	
3	Check Valve Retainer Ring	
4	Draft tube guide vanes	Enhance PC
5	Guide vane	
6	Flow Guide Shell	Stainless steel
7	Impeller	PPO
8	Filter	Stainless steel
9	Pump shaft	
10	Coupling	
11	Spacer	
12	Pump cylinder	
13	Cable Sheath	
14	O-ring	Nitrile Butadiene Rubber
15	Bearing	Ether Polyurethane

Structure and Materials SP



NO.	Component	Material
1	Outflow from water body	Stainless steel
2	Check Valve	
3	Pump shaft	
4	Guide vane	
5	Cable Sheath	
6	Impeller	
7	Filter	
8	Lap belt	
9	Fixed Sleeve	/
10	Impeller Lock Nut	Stainless steel

3SDm1.8 Performance curve

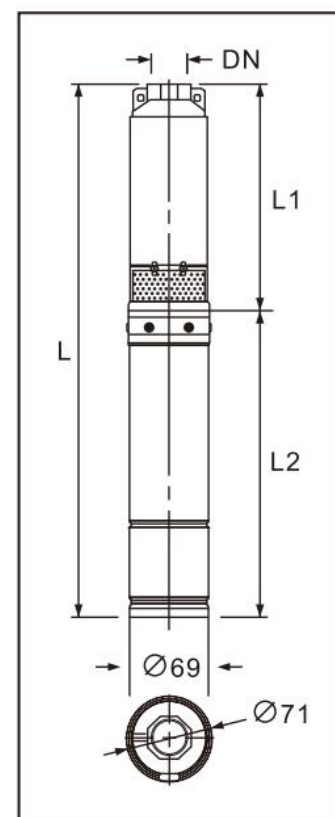


Runtime performance data

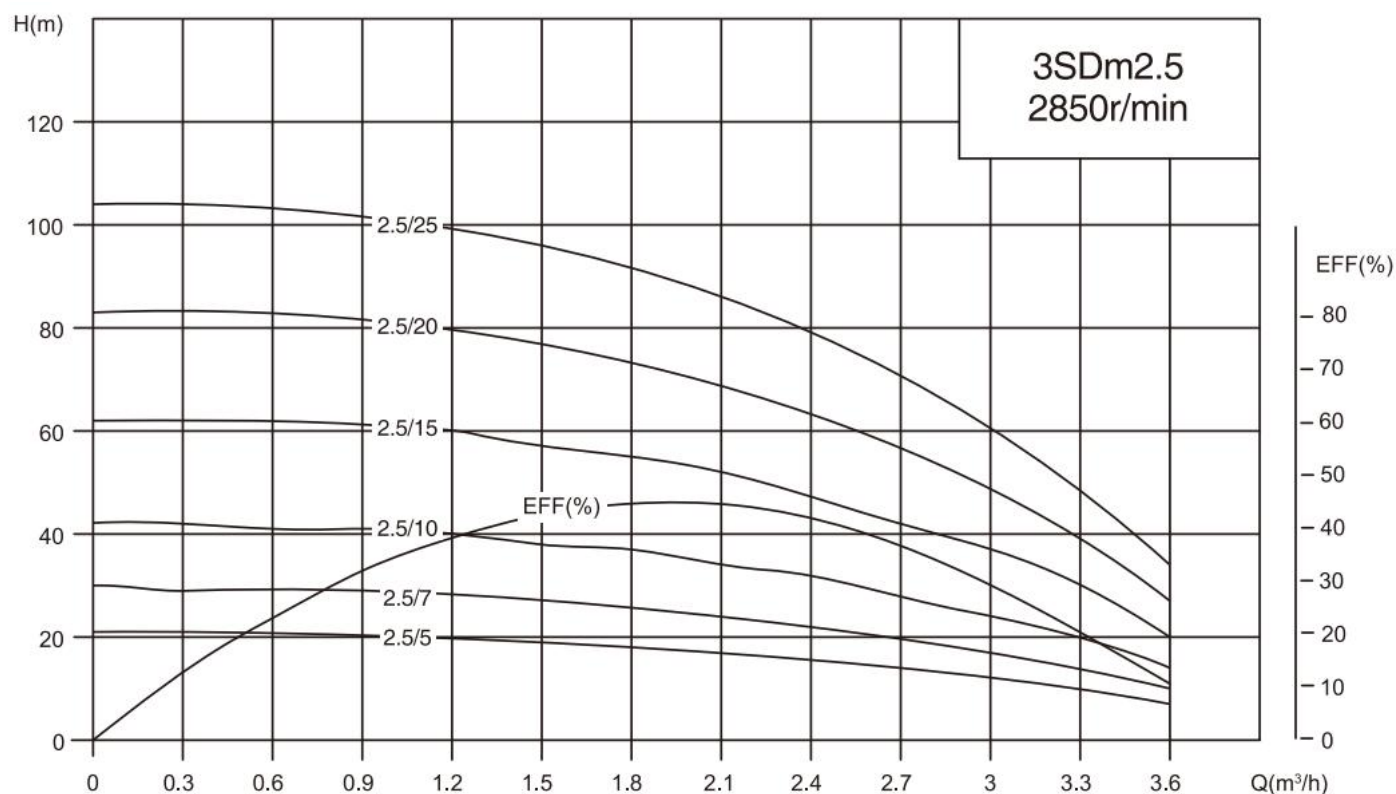
Type	Power	Q(m³/h)	0	0.3	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.7
3SD1.8/7	0.18	H(m)	30	30	29	29	27	25	23	20	16	11
3SD1.8/10	0.25		43	42	42	41	39	36	33	28	23	16
3SD1.8/14	0.37		60	59	59	57	54	51	46	40	32	23
3SD1.8/20	0.55		86	85	84	82	78	73	66	57	46	32
3SD1.8/27	0.75		115	114	113	110	105	98	88	76	62	44
3SD1.8/33	1.1		142	141	139	136	130	120	109	93	77	53

Installation Dimensions

Type	Power	L1(mm)	L2(mm)	L=L1+L2	DN	Pump Weight	Motor Weight
3SD1.8/7	0.18	336	291	627	1"	1.5	5
3SD1.8/10	0.25	402	316	718		2	6
3SD1.8/14	0.37	522	346	868		2.5	7
3SD1.8/20	0.55	656	386	1042		3.5	8
3SD1.8/27	0.75	842	416	1258		4.2	9.5
3SD1.8/33	1.1	1006	496	1502		6	12



3SDm2.5 Performance curve

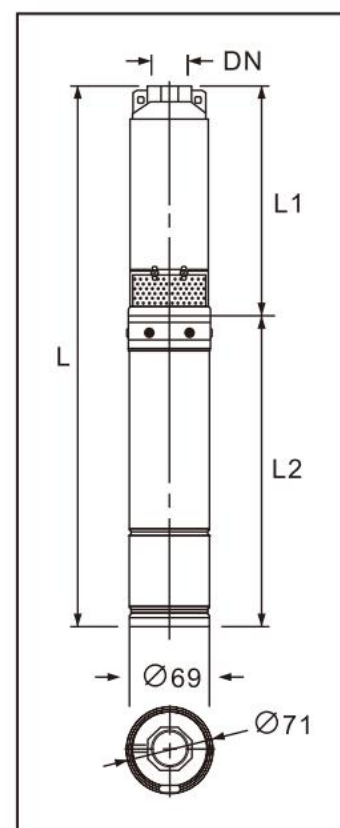


Runtime performance data

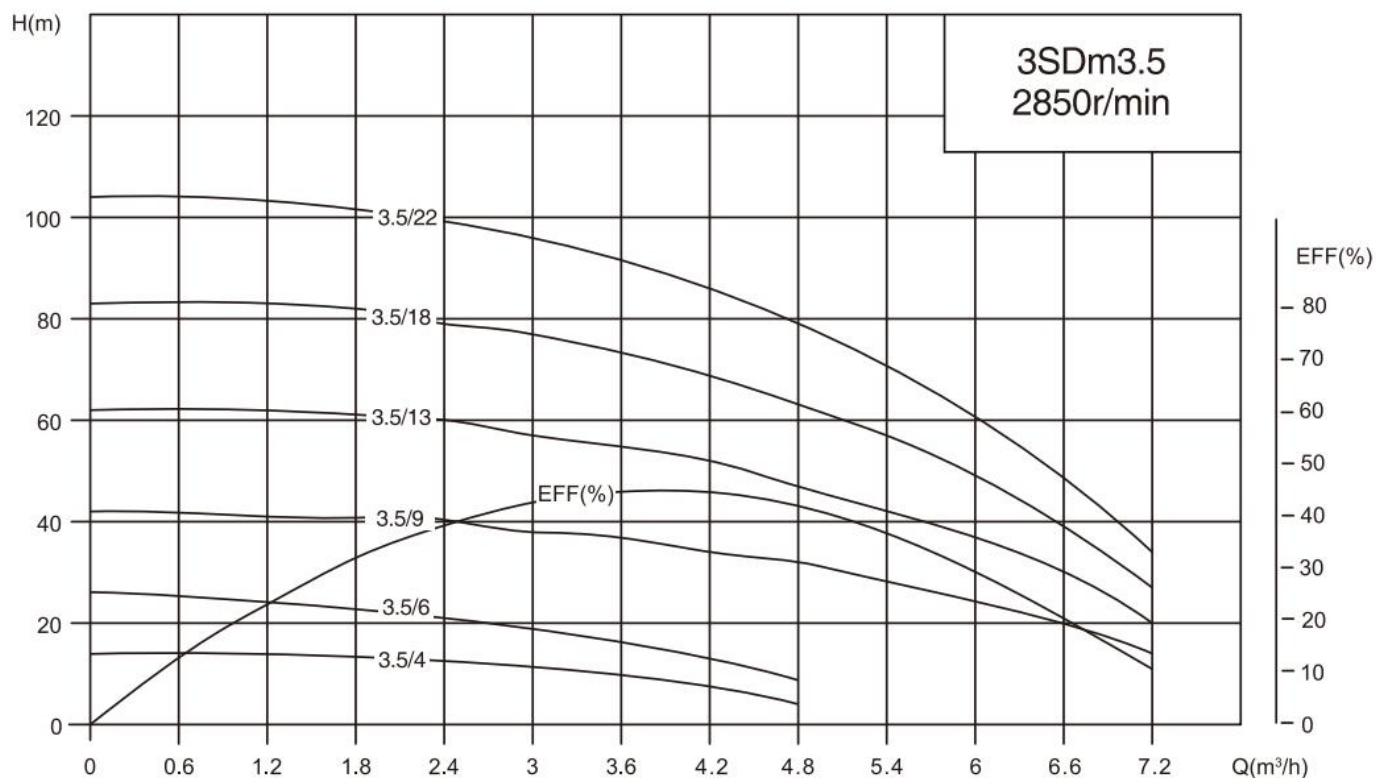
Type	Power	Q(m³/h)	0	0.3	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.7	3	3.3	3.6
3SD2.5/5	0.18	H(m)	21	21	21	20	20	19	18	17	16	14	12	10	7
3SD2.5/7	0.25		30	29	29	29	28	27	26	24	22	20	17	14	10
3SD2.5/10	0.37		42	41	41	41	40	38	37	34	32	28	24	20	13
3SD2.5/15	0.55		62	61	61	61	60	57	55	52	47	42	37	30	20
3SD2.5/20	0.75		83	83	82	82	79	77	73	69	63	57	49	39	27
3SD2.5/25	1.1		104	103	103	102	99	96	92	86	79	71	61	49	34

Installation Dimensions

Type	Power	L1(mm)	L2(mm)	L=L1+L2	DN	Pump Weight	Motor Weight
3SD2.5/5	0.18	307	291	598	1"	1.2	5
3SD2.5/7	0.25	356	316	672		1.5	6
3SD2.5/10	0.37	431	346	777		2	7
3SD2.5/15	0.55	586	386	972		2.5	8
3SD2.5/20	0.75	711	416	1127		3.5	9.5
3SD2.5/25	1.1	866	496	1362		4	12



3SDm3.5 Performance curve

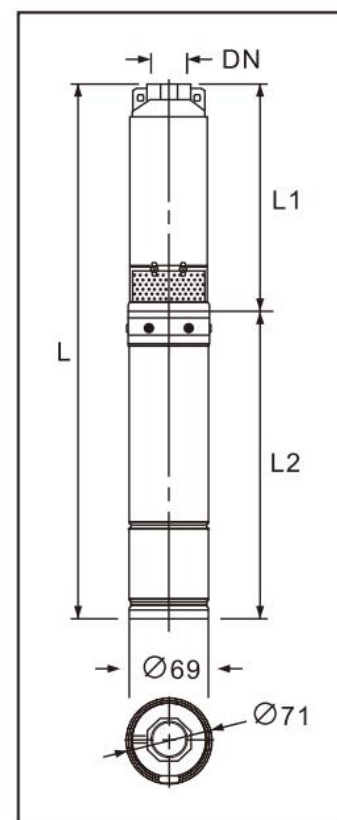


Runtime performance data

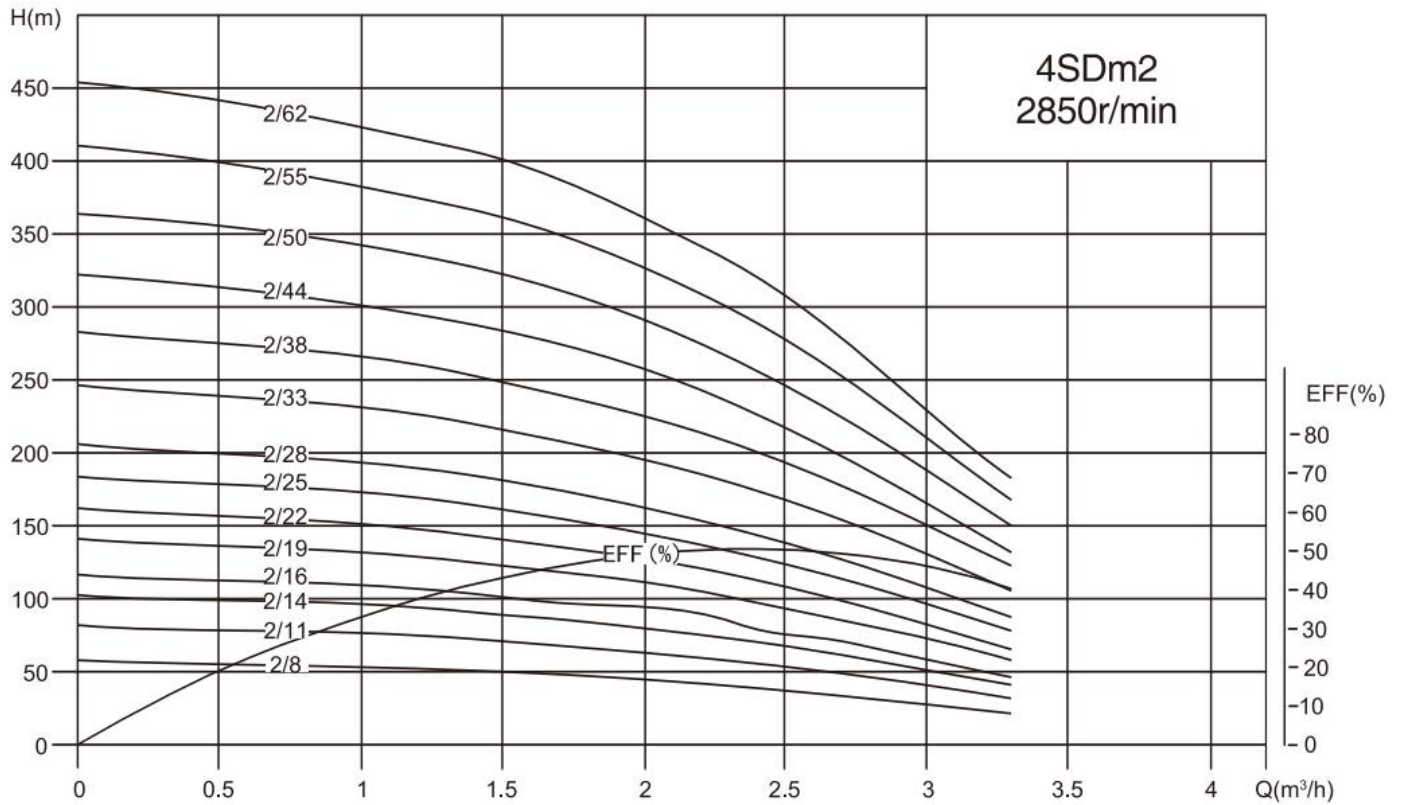
Type	Power	Q(m³/h)	0	0.6	1.2	1.8	2.4	3	3.6	4.2	4.8
3SD3.5/4	0.18	H(m)	16	16	15	15	14	13	11	8	5
3SD3.5/6	0.25		24	24	23	22	21	19	16	12	7
3SD3.5/9	0.37		36	35	35	34	32	29	25	18	11
3SD3.5/13	0.55		52	51	50	49	46	42	36	27	16
3SD3.5/18	0.75		71	71	69	67	64	58	49	37	21
3SD3.5/22	1.1		87	86	85	82	78	71	60	45	26

Installation Dimensions

Type	Power	L1(mm)	L2(mm)	L=L1+L2	DN	Pump Weight	Motor Weight
3SD3.5/4	0.18	307	291	598	1"	1.2	5
3SD3.5/6	0.25	356	316	672		1.5	6
3SD3.5/9	0.37	431	346	777		2	7
3SD3.5/13	0.55	586	386	972		2.5	8
3SD3.5/18	0.75	711	416	1127		3.5	9.5
3SD3.5/22	1.1	866	496	1362		4	12



4SDm2 Performance curve

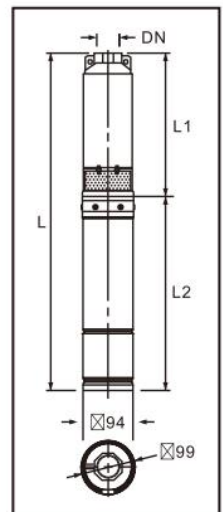


Runtime performance data

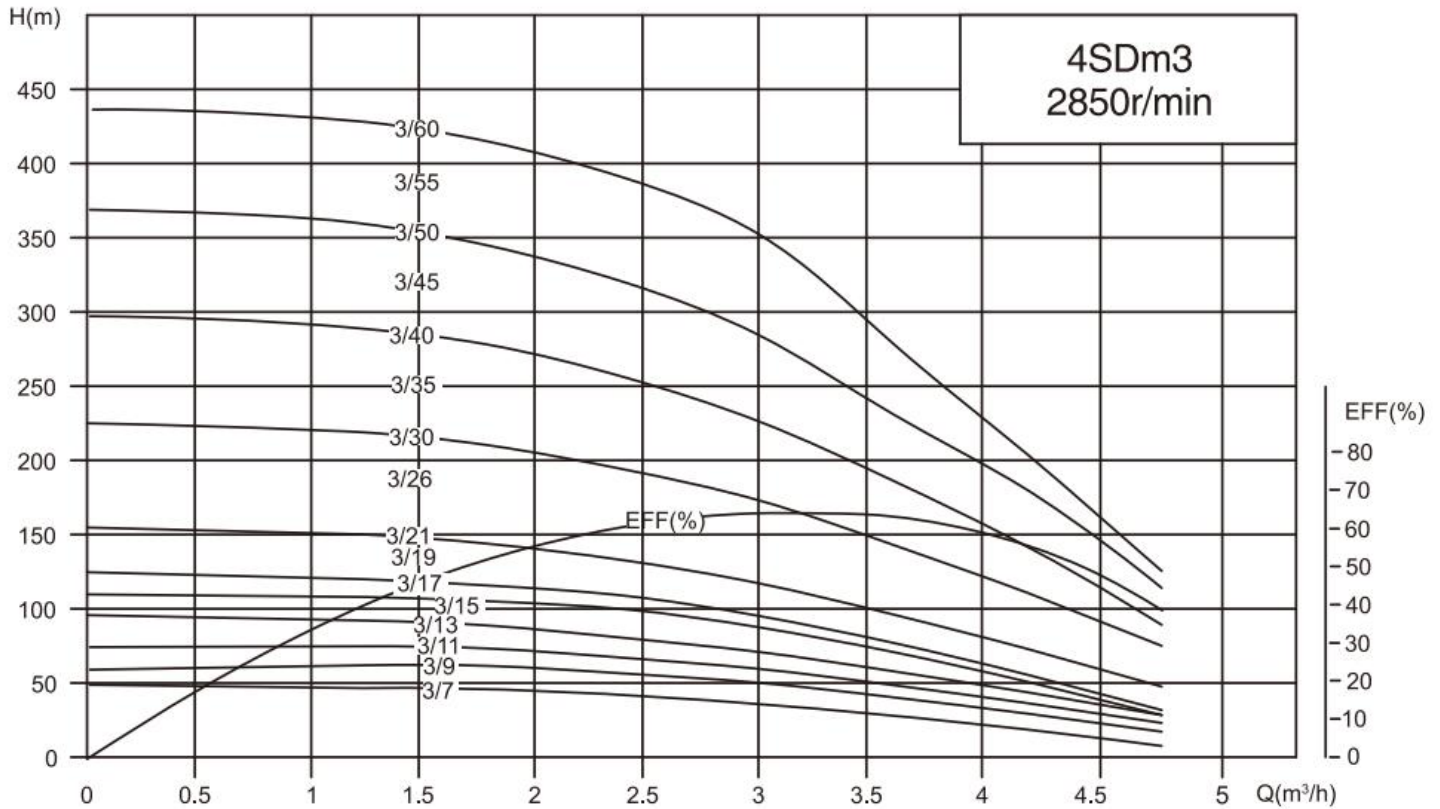
Type	Power	Q(m³/h)	0	0.3	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.7	3	3.3
4SD2/8	0.37	H(m)	58	56	55	54	52	50	46	43	38	34	27	21
4SD2/11	0.55		82	80	79	77	74	71	67	62	56	49	41	32
4SD2/14	0.75		102	100	99	97	93	89	84	82	70	62	51	41
4SD2/16	0.75		117	114	113	111	106	102	96	94	80	71	58	47
4SD2/19	1.1		140	137	135	133	127	122	115	107	98	86	71	57
4SD2/22	1.1		162	159	156	154	147	141	133	124	113	100	82	66
4SD2/25	1.5		184	180	178	174	169	162	152	142	128	114	96	78
4SD2/28	1.5		206	202	199	195	189	181	170	159	143	128	108	87
4SD2/33	2.2		246	241	238	233	226	216	204	191	174	153	130	106
4SD2/38	2.2		283	278	274	268	260	249	235	220	200	176	150	122
4SD2/44	3		320	317	311	304	295	284	269	250	225	198	165	132
4SD2/50	3		364	360	353	345	335	323	306	284	256	225	188	150
4SD2/55	4		410	403	396	386	376	361	342	318	289	252	206	165
4SD2/62	4		454	446	438	427	416	400	379	352	320	279	228	183

Installation Dimensions

Type	Power	L1(mm)	L2(mm)	L=L1+L2	DN	Pump Weight	Motor Weight
4SD2/8	0.37	402	324	726	1.25"	3	9
4SD2/11	0.55	478	344	822		3.2	9.8
4SD2/14	0.75	554	369	923		3.6	11
4SD2/16	0.75	605	369	974		4	11
4SD2/19	1.1	712	404	1116		4.6	13
4SD2/22	1.1	819	404	1223		5.2	13
4SD2/25	1.5	895	449	1344		5.8	15
4SD2/28	1.5	971	449	1420		6.4	15
4SD2/33	2.2	1128	539	1667		7.4	17
4SD2/38	2.2	1255	539	1794		8.6	17
4SD2/44	3	1470	557	2027		9.8	17.6
4SD2/50	3	1621	557	2178		11	17.6
4SD2/55	4	1780	637	2417		12.2	20.7
4SD2/62	4	1988	637	2625		14	20.7



4SDm3 Performance curve

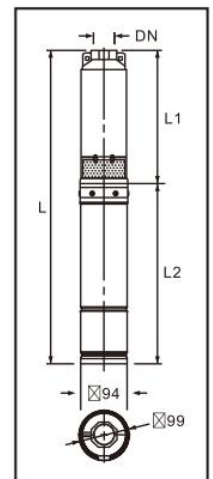


Runtime performance data

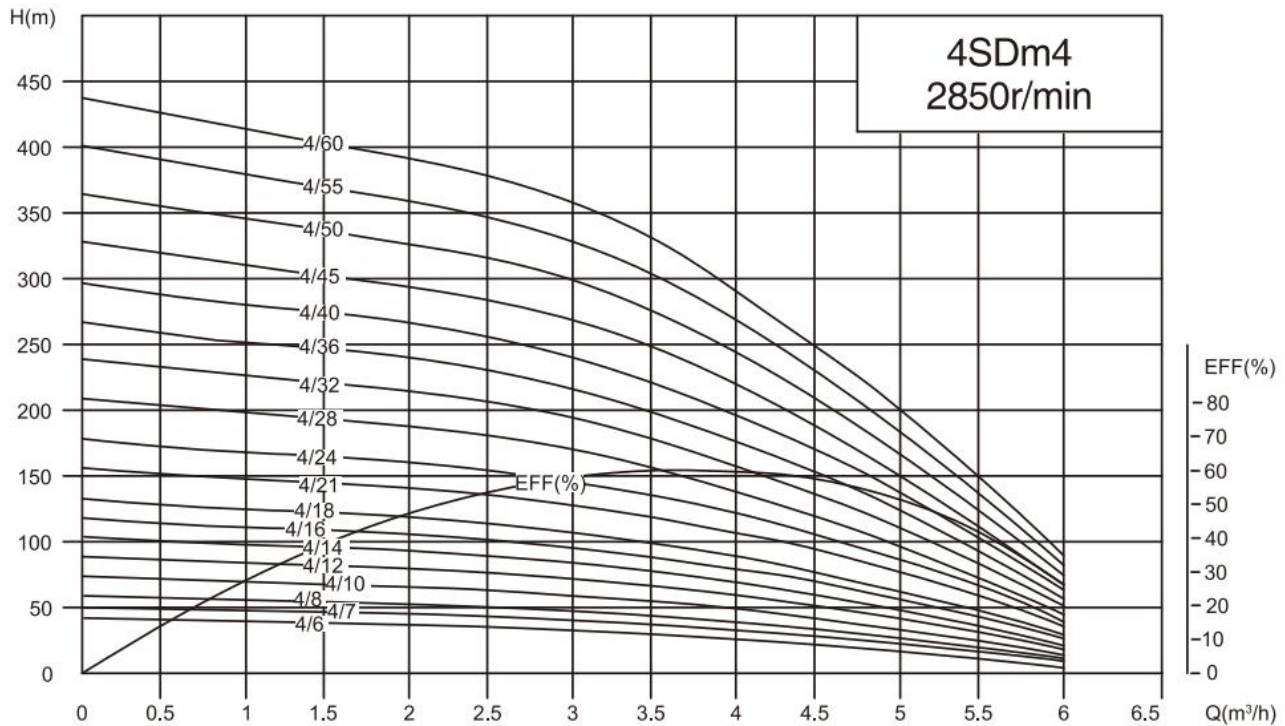
Type	Power	Q(m³/h)	0	0.6	1.2	1.8	2.4	3	3.6	4.2	4.8
4SD3/7	0.37	H(m)	49	48	47	44	40	35	28	23	12
4SD3/9	0.55		65	64	63	60	55	48	40	30	19
4SD3/11	0.75		81	79	78	75	68	60	49	37	24
4SD3/13	0.75		96	93	92	89	80	71	58	44	28
4SD3/15	1.1		110	108	106	102	96	84	68	49	28
4SD3/17	1.1		125	122	120	116	109	95	77	56	32
4SD3/19	1.5		140	138	136	130	120	106	87	66	43
4SD3/21	1.5		155	153	150	144	133	117	96	73	48
4SD3/26	2.2		195	193	190	182	168	150	124	96	65
4SD3/30	2.2		225	223	219	210	194	173	143	111	75
4SD3/35	3		260	258	253	243	224	198	163	124	78
4SD3/40	3		297	295	289	278	256	226	186	142	89
4SD3/45	4		332	330	324	310	288	256	208	162	107
4SD3/50	4		369	367	360	344	320	284	231	180	114
4SD3/55	5.5		400	398	393	380	355	323	250	187	115
4SD3/60	5.5		436	434	429	415	387	352	273	204	125

Installation Dimensions

Type	Power	L1(mm)	L2(mm)	L=L1+L2	DN	Pump Weight	Motor Weight
4SD3/7	0.37	386	324	710	1.25"	3.2	9
4SD3/9	0.55	440	344	784		3.6	9.8
4SD3/11	0.75	492	369	861		4.1	11
4SD3/13	0.75	546	369	915		4.5	11
4SD3/15	1.1	631	404	1035		4.9	13
4SD3/17	1.1	684	404	1088		5.3	13
4SD3/19	1.5	738	449	1187		6	15
4SD3/21	1.5	823	449	1272		6.5	15
4SD3/26	2.2	956	539	1495		7.8	17
4SD3/30	2.2	1063	539	1602		8.6	17
4SD3/35	3	1228	557	1785		9.8	17.6
4SD3/40	3	1362	557	1919		11	17.6
4SD3/45	4	1527	637	2164		12.3	20.7
4SD3/50	4	1660	637	2297		13.5	20.7
4SD3/55	5.5	1825	712	2537		14.7	25.7
4SD3/60	5.5	1958	847	2805		16	32.3



4SDm4 Performance curve

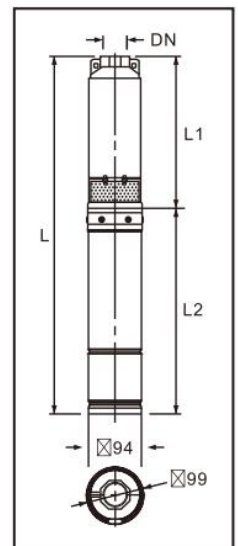


Runtime performance data

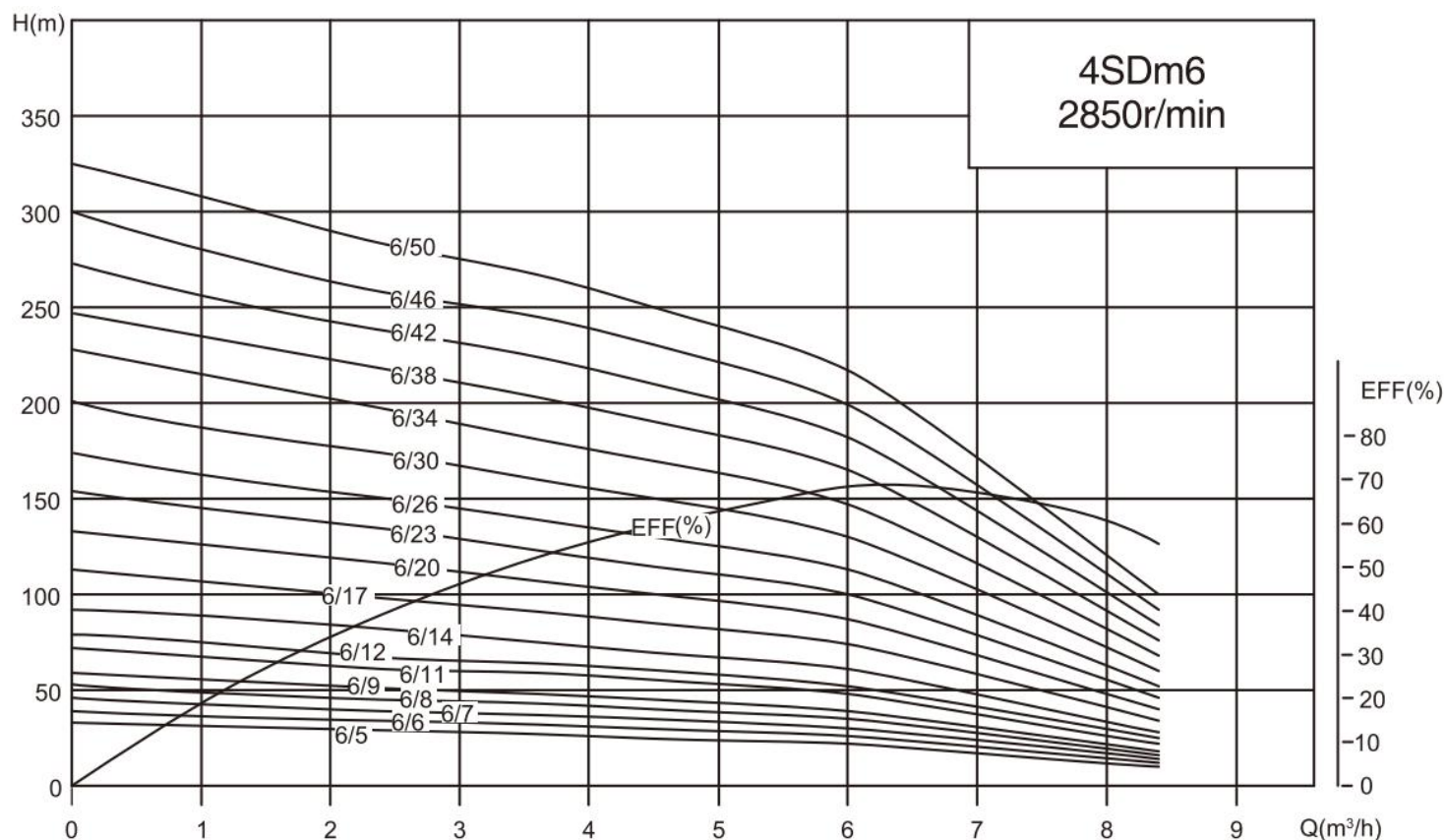
Type	Power	Q(m³/h)	0	0.6	1.2	1.8	2.4	3	3.6	4.2	4.8	5.4	6
4SD4/6	0.37	H(m)	42	40	39	37	35	32	29	24	19	12	4
4SD4/7	0.55		50	48	47	46	44	40	36	31	25	18	9
4SD4/8	0.75		59	57	55	53	51	47	43	37	29	21	11
4SD4/10	0.75		74	71	69	66	64	59	54	46	36	26	14
4SD4/12	1.1		89	85	83	81	77	72	65	56	45	33	18
4SD4/14	1.1		104	99	97	95	90	84	76	65	53	39	21
4SD4/16	1.5		118	113	110	107	102	95	86	75	60	45	26
4SD4/18	1.5		133	127	124	120	115	107	97	84	68	51	29
4SD4/21	2.2		156	150	146	142	136	127	116	101	82	62	35
4SD4/24	2.2		178	171	167	162	155	145	133	115	94	71	40
4SD4/28	3		209	203	196	190	182	170	152	130	106	77	45
4SD4/32	3		239	232	224	217	208	194	174	149	121	88	51
4SD4/36	4		267	257	250	243	232	216	194	167	136	98	57
4SD4/40	4		297	286	278	270	258	240	216	186	151	109	63
4SD4/45	5.5		328	317	308	297	286	269	242	207	165	118	67
4SD4/50	5.5		364	352	342	330	318	299	269	230	183	131	74
4SD4/55	7.5		401	388	375	363	349	328	296	250	202	145	82
4SD4/60	7.5		437	423	409	396	381	358	323	273	220	158	89

Installation Dimensions

Type	Power	L1(mm)	L2(mm)	L=L1+L2	DN	Pump Weight	Motor Weight
4SD4/6	0.37	374	324	698	1.25"	3.2	9
4SD4/7	0.55	403	344	747		3.5	9.8
4SD4/8	0.75	432	369	801		3.8	11
4SD4/10	0.75	490	369	859		4.4	11
4SD4/12	1.1	548	404	952		5	13
4SD4/14	1.1	638	404	1042		5.5	13
4SD4/16	1.5	696	449	1145		6.1	15
4SD4/18	1.5	754	449	1203		6.6	15
4SD4/21	2.2	873	539	1412		7.4	17
4SD4/24	2.2	961	539	1500		8.2	17
4SD4/28	3	1105	557	1662		9.2	17.6
4SD4/32	3	1253	557	1810		10.4	17.6
4SD4/36	4	1369	637	2006		11.5	20.7
4SD4/40	4	1517	637	2154		12.6	20.7
4SD4/45	5.5	1662	712	2374		14	25.7
4SD4/50	5.5	1839	712	2551		15.5	25.7
4SD4/55	7.5	1985	847	2832		16.8	32.3
4SD4/60	7.5	2162	847	3009		18.3	32.3



4SDm6 Performance curve

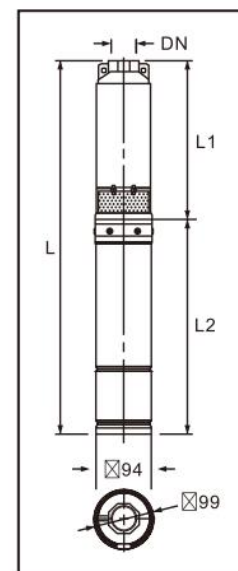


Runtime performance data

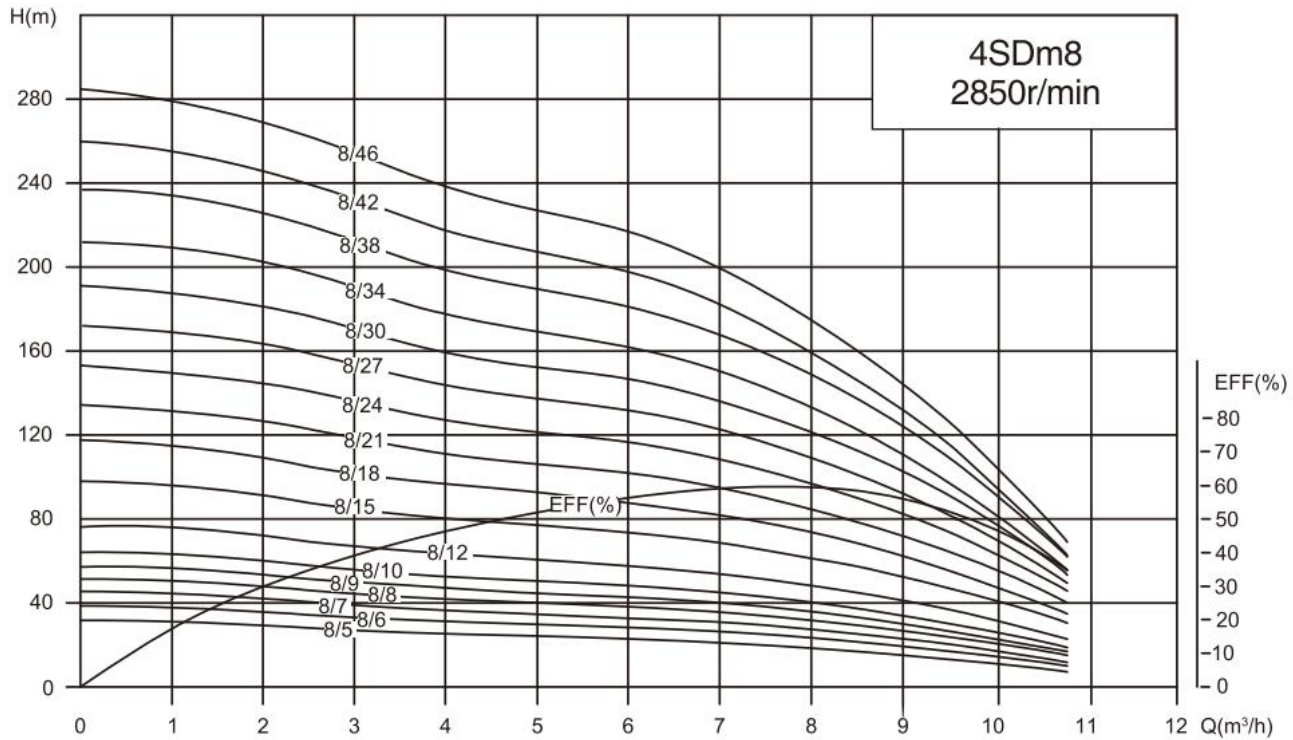
Type	Power	Q(m³/h)	0	1.2	2.4	3.6	4.8	6	7.2	8.4
4SD6/5	0.37	H(m)	33	31	29	27	24	22	16	10
4SD6/6	0.55		39	36	34	32	29	26	19	12
4SD6/7	0.75		46	42	39	37	34	30	23	14
4SD6/8	0.75		53	48	45	43	39	35	26	16
4SD6/9	1.1		59	55	51	48	44	39	29	18
4SD6/11	1.1		72	67	61	59	54	48	35	22
4SD6/12	1.5		79	74	67	64	59	52	39	24
4SD6/14	1.5		92	86	78	75	68	61	45	28
4SD6/17	2.2		113	106	98	91	83	74	55	34
4SD6/20	2.2		133	125	113	107	98	87	64	40
4SD6/23	3		154	142	132	123	112	100	74	46
4SD6/26	3		174	161	150	139	127	113	84	52
4SD6/30	4		201	185	172	160	147	130	97	60
4SD6/34	4		228	210	192	181	166	147	110	68
4SD6/38	5.5		247	229	220	203	186	165	122	76
4SD6/42	5.5		273	253	238	224	205	182	135	84
4SD6/46	7.5		299	280	260	245	225	199	148	92
4SD6/50	7.5		325	303	284	267	244	217	161	100

Installation Dimensions

Type	Power	L1(mm)	L2(mm)	L=L1+L2	DN	Pump Weight	Motor Weight
4SD6/5	0.37	354	324	678	1.5"	3.2	9
4SD6/6	0.55	385	344	729		3.5	9.8
4SD6/7	0.75	415	369	784		3.8	11
4SD6/8	0.75	446	369	815		4.2	11
4SD6/9	1.1	477	404	881		4.5	13
4SD6/11	1.1	538	404	942		5.2	13
4SD6/12	1.5	569	449	1018		5.6	15
4SD6/14	1.5	663	449	1112		6.4	15
4SD6/17	2.2	755	539	1294		7.6	17
4SD6/20	2.2	847	539	1386		8.8	17
4SD6/23	3	1005	557	1562		10	17.6
4SD6/26	3	1097	557	1654		11.2	17.6
4SD6/30	4	1220	637	1857		12.8	20.7
4SD6/34	4	1375	637	2012		14.4	20.7
4SD6/38	5.5	1531	712	2243		16.2	25.7
4SD6/42	5.5	1654	712	2366		17.8	25.7
4SD6/46	7.5	1809	847	2656		18.6	32.3
4SD6/50	7.5	1932	847	2779		21	32.3



4SDm8 Performance curve

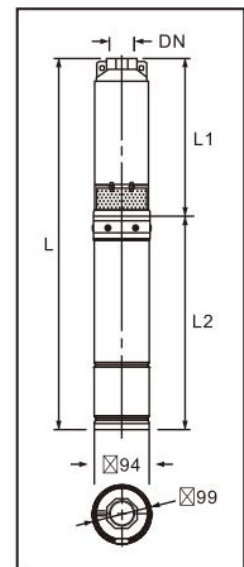


Runtime performance data

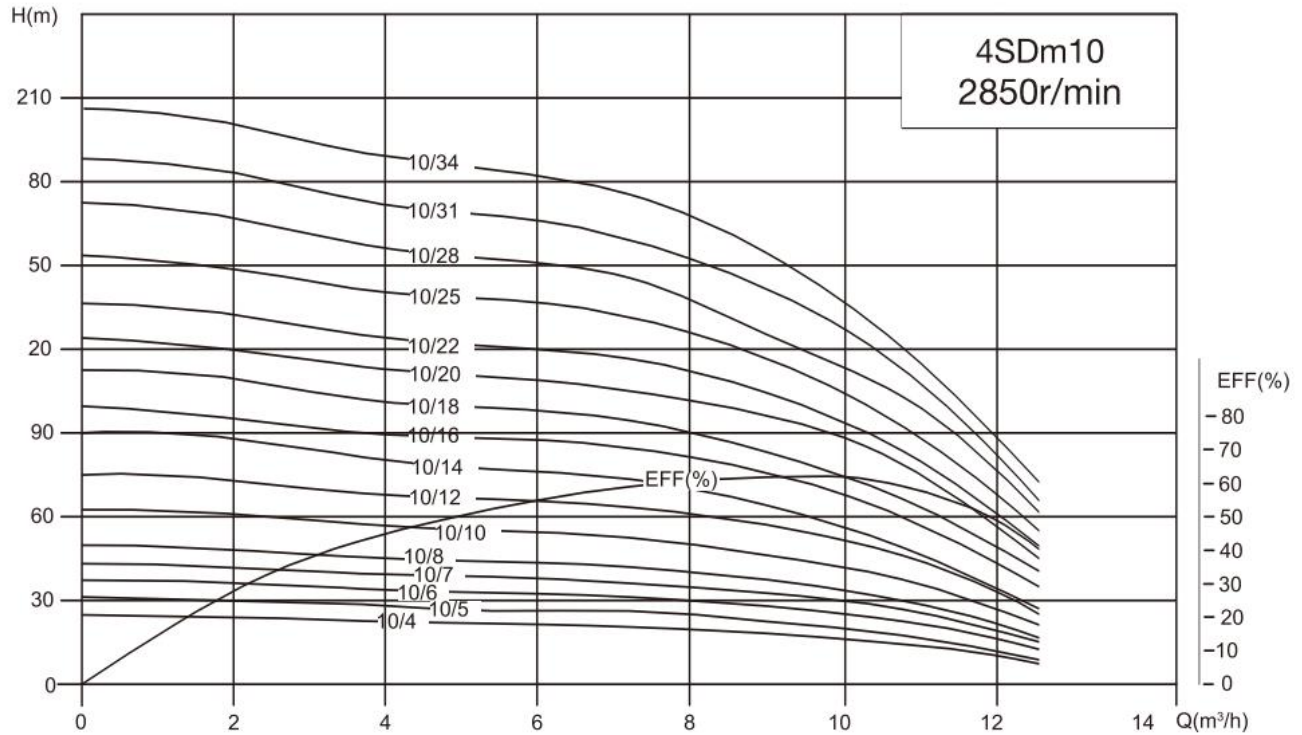
Type	Power	Q(m³/h)	0	1.2	2.4	3.6	4.8	6	7.2	8.4	9.6	10.8
4SD8/5	0.55	H(m)	32	31	28	26	25	23	21	17	13	7
4SD8/6	0.75		39	38	35	32	30	28	26	22	17	10
4SD8/7	0.75		46	44	41	37	35	33	30	26	20	12
4SD8/8	1.1		51	50	46	43	40	38	35	30	23	15
4SD8/9	1.1		57	56	52	48	45	43	39	34	26	17
4SD8/10	1.5		64	63	58	54	51	48	44	38	30	19
4SD8/12	1.5		77	76	70	65	61	58	53	46	36	23
4SD8/15	2.2		98	95	88	82	78	73	67	58	45	29
4SD8/18	2.2		118	114	106	98	94	88	80	70	54	35
4SD8/21	3		134	130	124	114	107	102	93	80	63	40
4SD8/24	3		153	149	142	130	122	117	106	91	72	46
4SD8/27	4		172	168	160	147	138	132	120	103	80	49
4SD8/30	4		191	187	178	163	153	147	133	114	89	54
4SD8/34	5.5		212	208	198	182	171	162	147	125	95	56
4SD8/38	5.5		237	232	221	203	191	181	164	140	106	62
4SD8/42	7.5		260	253	241	223	209	198	178	149	112	63
4SD8/46	7.5		285	277	264	244	229	217	195	163	123	69

Installation Dimensions

Type	Power	L1(mm)	L2(mm)	L=L1+L2	DN	Pump Weight	Motor Weight
4SD8/5	0.55	390	344	734	2"	3.5	9.8
4SD8/6	0.75	429	369	798		3.8	11
4SD8/7	0.75	467	369	836		4.1	11
4SD8/8	1.1	505	404	909		4.4	13
4SD8/9	1.1	543	404	947		4.7	13
4SD8/10	1.5	581	449	1030		5	15
4SD8/12	1.5	657	449	1106		5.6	15
4SD8/15	2.2	804	539	1343		6.4	17
4SD8/18	2.2	919	539	1458		7.3	17
4SD8/21	3	1099	557	1656		8.2	17.6
4SD8/24	3	1213	557	1770		9.1	17.6
4SD8/27	4	1327	637	1964		10	20.7
4SD8/30	4	1441	637	2078		11	20.7
4SD8/34	5.5	1626	712	2338		12.3	25.7
4SD8/38	5.5	1811	712	2523		13.5	25.7
4SD8/42	7.5	1964	847	2811		14.8	32.3
4SD8/46	7.5	2149	847	2996		16	32.3



4SDm4 Performance curve

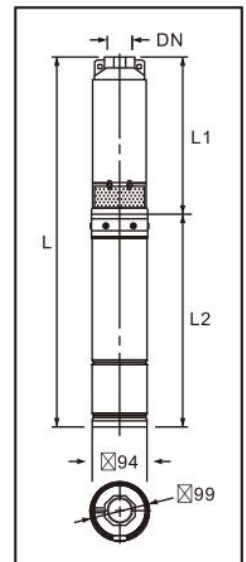


Runtime performance data

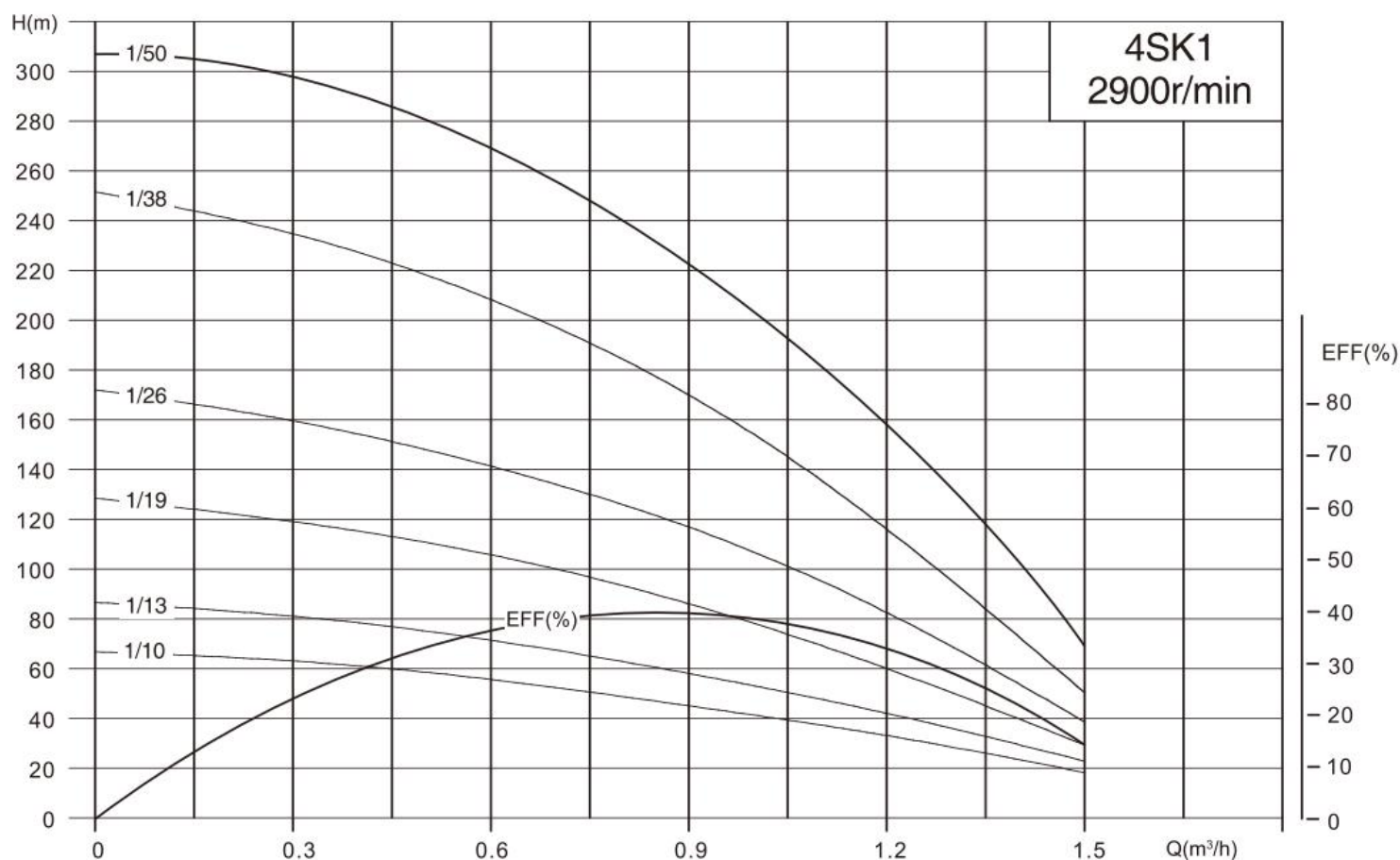
Type	Power	Q(m³/h)	0	1.8	3.6	5.4	7.2	9	10.8	12.6
4SD10/4	0.75	H(m)	25	24	23	22	21	18	14	7
4SD10/5	0.75		31	30	29	27	26	23	18	9
4SD10/6	1.1		37	36	34	33	31	28	23	13
4SD10/7	1.1		43	42	40	39	36	33	27	15
4SD10/8	1.5		50	49	46	44	42	37	30	17
4SD10/10	1.5		63	61	58	55	53	46	38	21
4SD10/12	2.2		77	76	70	66	63	55	42	22
4SD10/14	2.2		90	89	82	77	74	64	49	26
4SD10/16	3		100	98	91	88	84	74	59	36
4SD10/18	3		113	110	102	99	95	83	66	41
4SD10/20	4		124	121	114	110	106	95	76	45
4SD10/22	4		136	133	125	121	117	105	84	50
4SD10/25	5.5		154	150	141	146	130	116	92	55
4SD10/28	5.5		172	168	158	152	146	125	103	62
4SD10/31	7.5		188	184	174	168	160	141	110	68
4SD10/34	7.5		206	202	191	184	175	155	121	72

Installation Dimensions

Type	Power	L1(mm)	L2(mm)	L=L1+L2	DN	Pump Weight	Motor Weight
4SD10/4	0.75	354	369	723	2"	3.2	11
4SD10/5	0.75	391	369	760		3.5	11
4SD10/6	1.1	429	404	833		3.8	13
4SD10/7	1.1	467	404	871		4.1	13
4SD10/8	1.5	505	449	954		4.4	15
4SD10/10	1.5	581	449	1030		5	15
4SD10/12	2.2	657	539	1196		5.6	17
4SD10/14	2.2	766	539	1305		6.2	17
4SD10/16	3	876	557	1433		6.8	17.6
4SD10/18	3	952	557	1509		7.4	17.6
4SD10/20	4	1060	637	1697		8	20.7
4SD10/22	4	1137	637	1774		8.6	20.7
4SD10/25	5.5	1251	712	1963		9.5	25.7
4SD10/28	5.5	1398	712	2110		10.4	25.7
4SD10/31	7.5	1512	847	2359		12	32.3
4SD10/34	7.5	1659	847	2506		12.9	32.3



4SK1 Performance curve

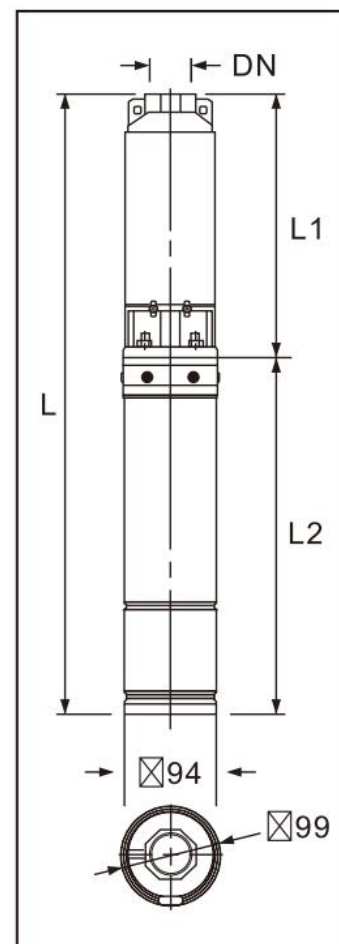


Runtime performance data

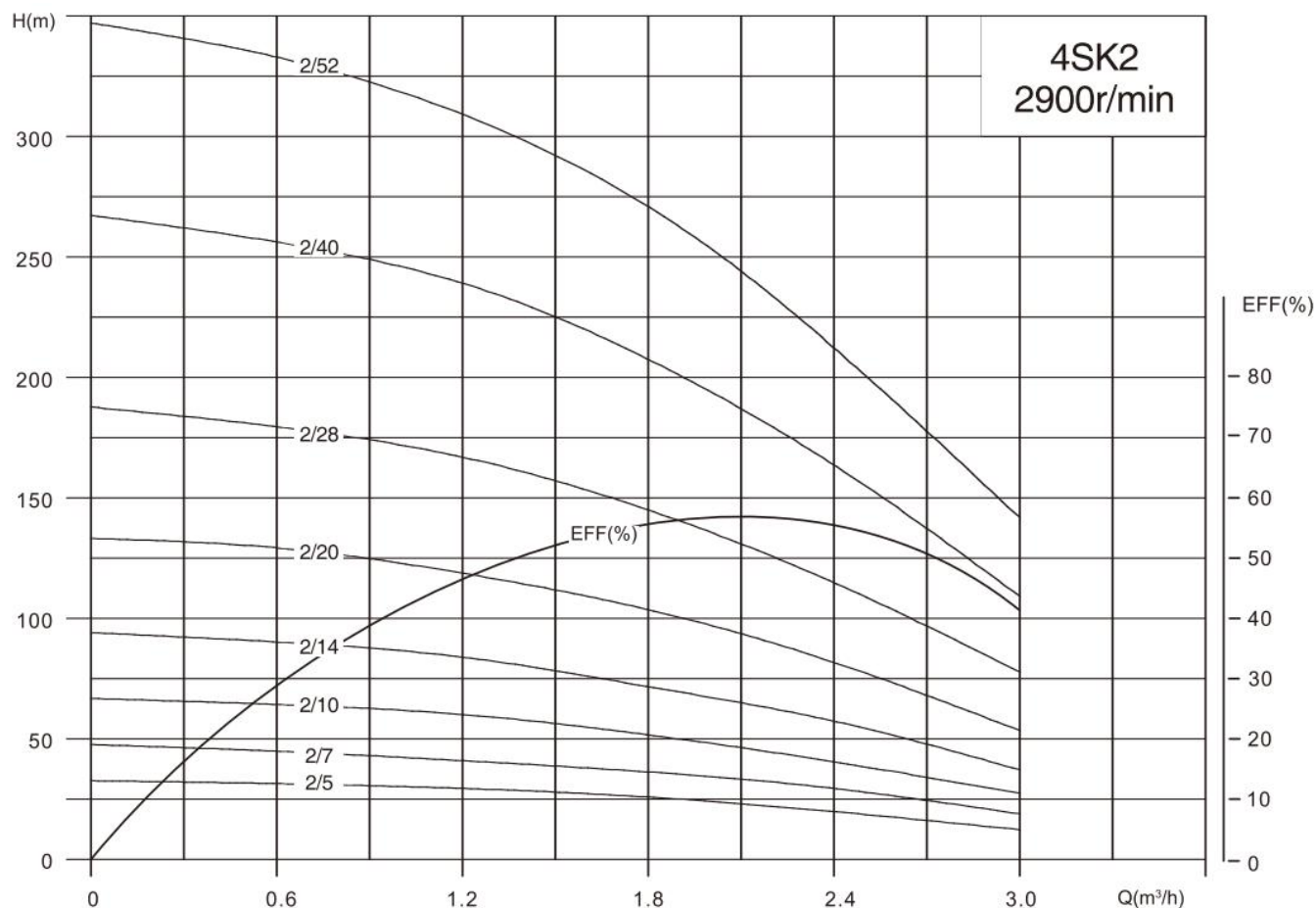
Type	Power	Q(m³/h)	0	0.3	0.6	0.9	1.2	1.5
4SK1/10	0.37	H(m)	67	63	55	46	33	18
4SK1/13	0.37		86	78	70	56	42	23
4SK1/19	0.55		126	118	105	86	60	30
4SK1/26	0.75		173	160	141	117	81	39
4SK1/38	1.1		253	234	208	169	117	52
4SK1/50	1.5		318	295	266	218	158	70

Installation Dimensions

Type	Power	L1(mm)	L2(mm)	L=L1+L2	DN	Pump Weight	Motor Weight
4SK1/10	0.37	331	324	655	1.25"	3.3	9
4SK1/13	0.37	383	324	707		3.7	9
4SK1/19	0.55	488	344	832		4.7	9.8
4SK1/26	0.75	610	369	979		5.8	11
4SK1/38	1.1	896	404	1300		8.2	13
4SK1/50	1.5	1110	449	1559		10.1	15



4SK2 Performance curve

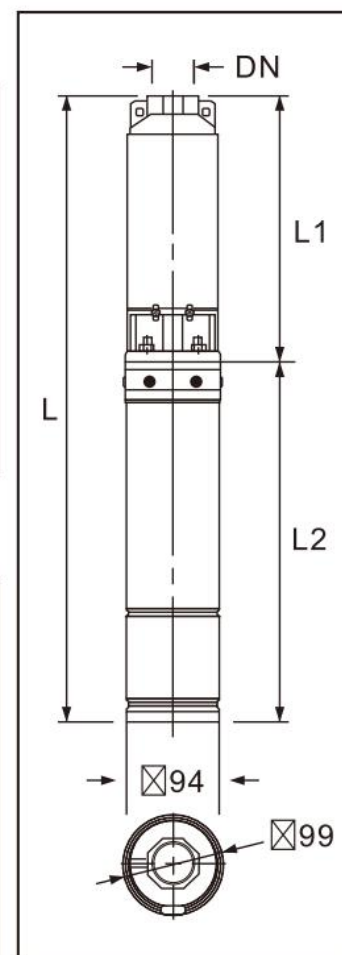


Runtime performance data

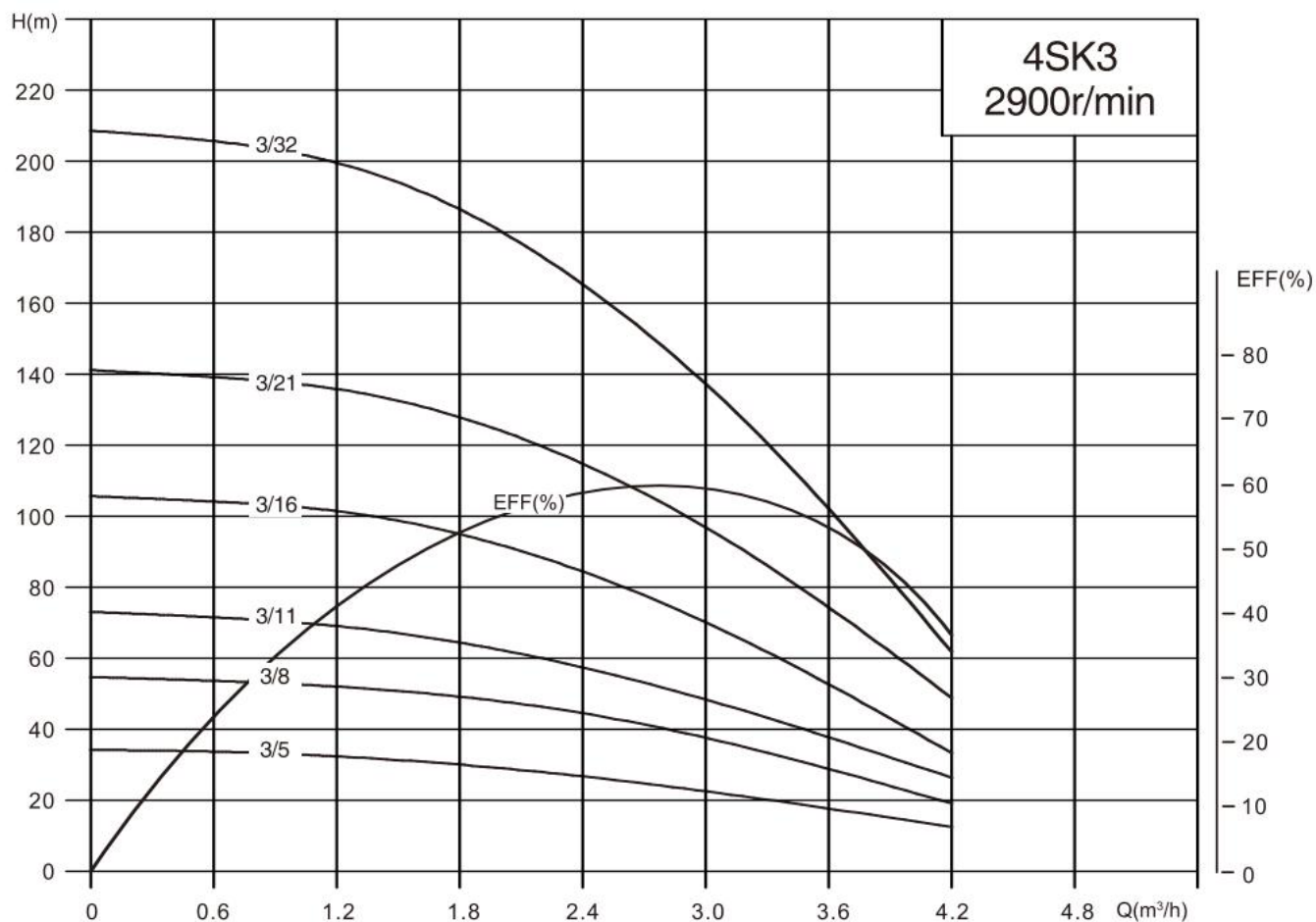
Type	Power	Q(m³/h)	0	1.5	1.8	2.1	2.4	2.7	3
4SK2/5	0.37	H(m)	33	28	26	24	20	17	13
4SK2/7	0.37		47	39	35	32	28	24	19
4SK2/10	0.55		67	56	52	47	41	35	27
4SK2/14	0.75		93	78	73	66	57	50	37
4SK2/20	1.1		133	113	104	97	82	72	53
4SK2/28	1.5		187	158	146	130	115	97	74
4SK2/40	2.2		267	226	208	186	164	136	106
4SK2/52	3		347	294	271	243	213	178	138

Installation Dimensions

Type	Power	L1(mm)	L2(mm)	L=L1+L2	DN	Pump Weight	Motor Weight
4SK2/5	0.37	253	324	577	1.25"	2.6	9
4SK2/7	0.37	292	324	616		2.9	9
4SK2/10	0.55	350	344	694		3.5	9.8
4SK2/14	0.75	428	369	797		4.2	11
4SK2/20	1.1	545	404	949		5.3	13
4SK2/28	1.5	701	449	1150		7.1	15
4SK2/40	2.2	1011	539	1550		10.1	17
4SK2/52	3	1153	557	1710		12.2	17.6



4SK3 Performance curve

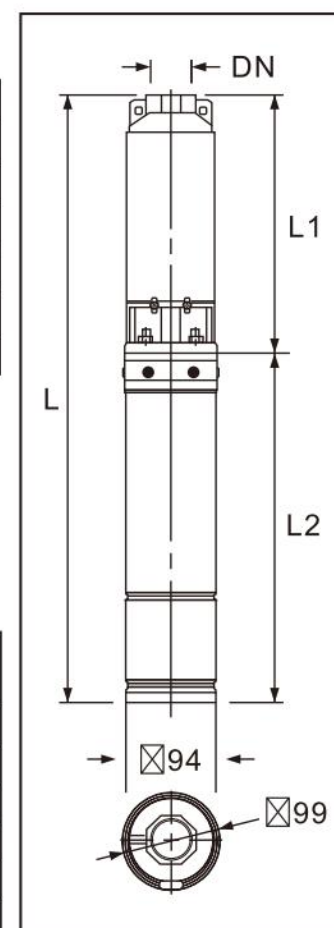


Runtime performance data

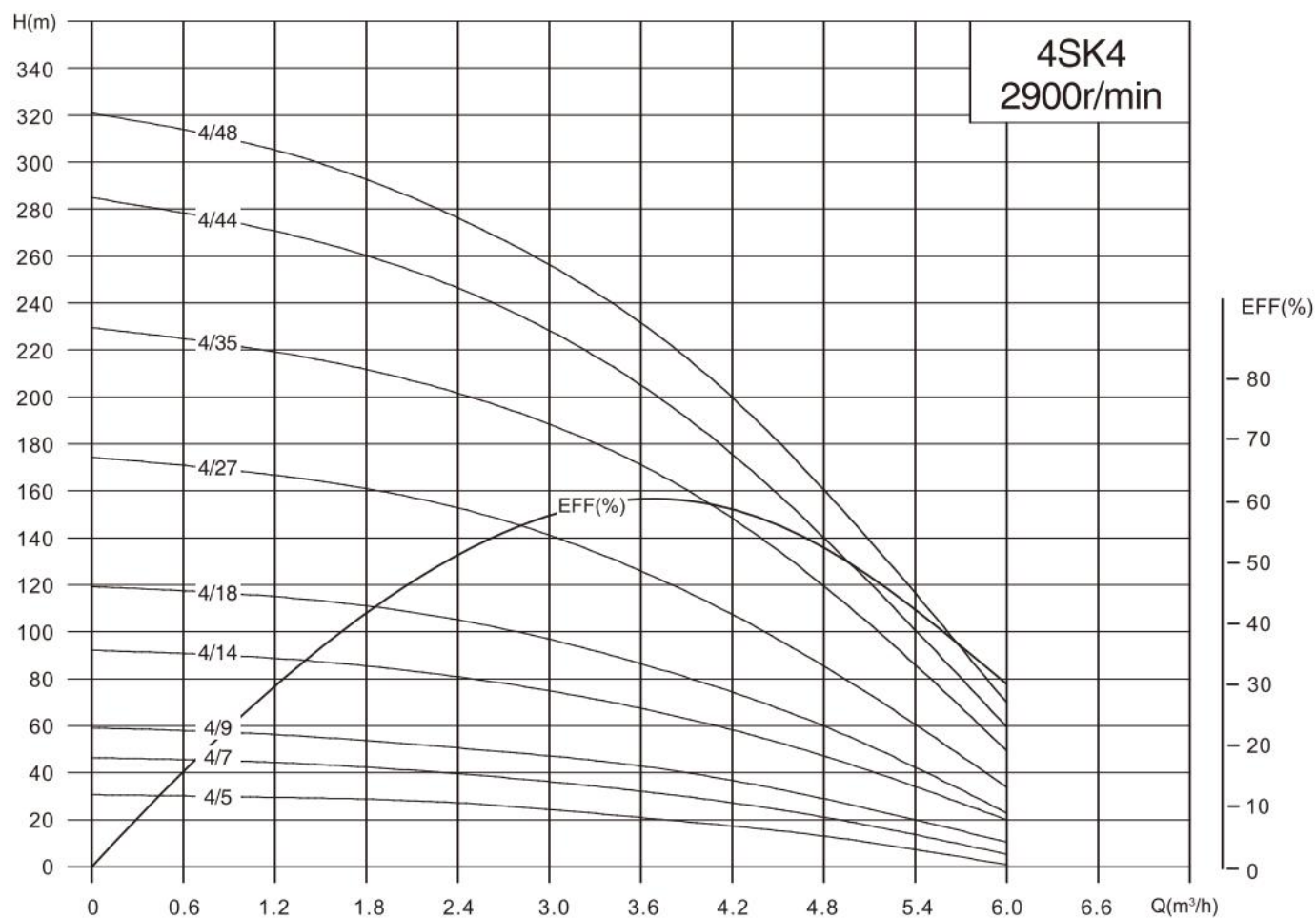
Type	Power	Q(m³/h)	0	2.1	2.4	2.7	3.0	3.6	4.2
4SK3/5	0.37	H(m)	34	29	27	25	23	18	12
4SK3/8	0.55		54	46	43	41	38	30	19
4SK3/11	0.75		72	61	56	54	49	38	28
4SK3/16	1.1		106	89	83	77	70	54	34
4SK3/21	1.5		142	122	115	108	100	79	49
4SK3/32	2.2		208	177	165	152	138	104	64

Installation Dimensions

Type	Power	L1(mm)	L2(mm)	L=L1+L2	DN	Pump Weight	Motor Weight
4SK3/5	0.37	253	324	577	1.25"	2.5	9
4SK3/8	0.55	313	344	657		2.9	9.8
4SK3/11	0.75	370	369	739		3.4	11
4SK3/16	1.1	468	404	872		4.2	13
4SK3/21	1.5	565	449	1014		5	15
4SK3/32	2.2	856	539	1395		7.1	17



4SK4 Performance curve

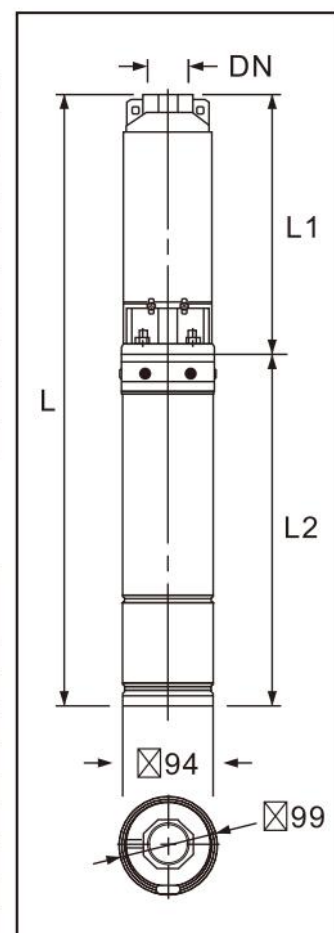


Runtime performance data

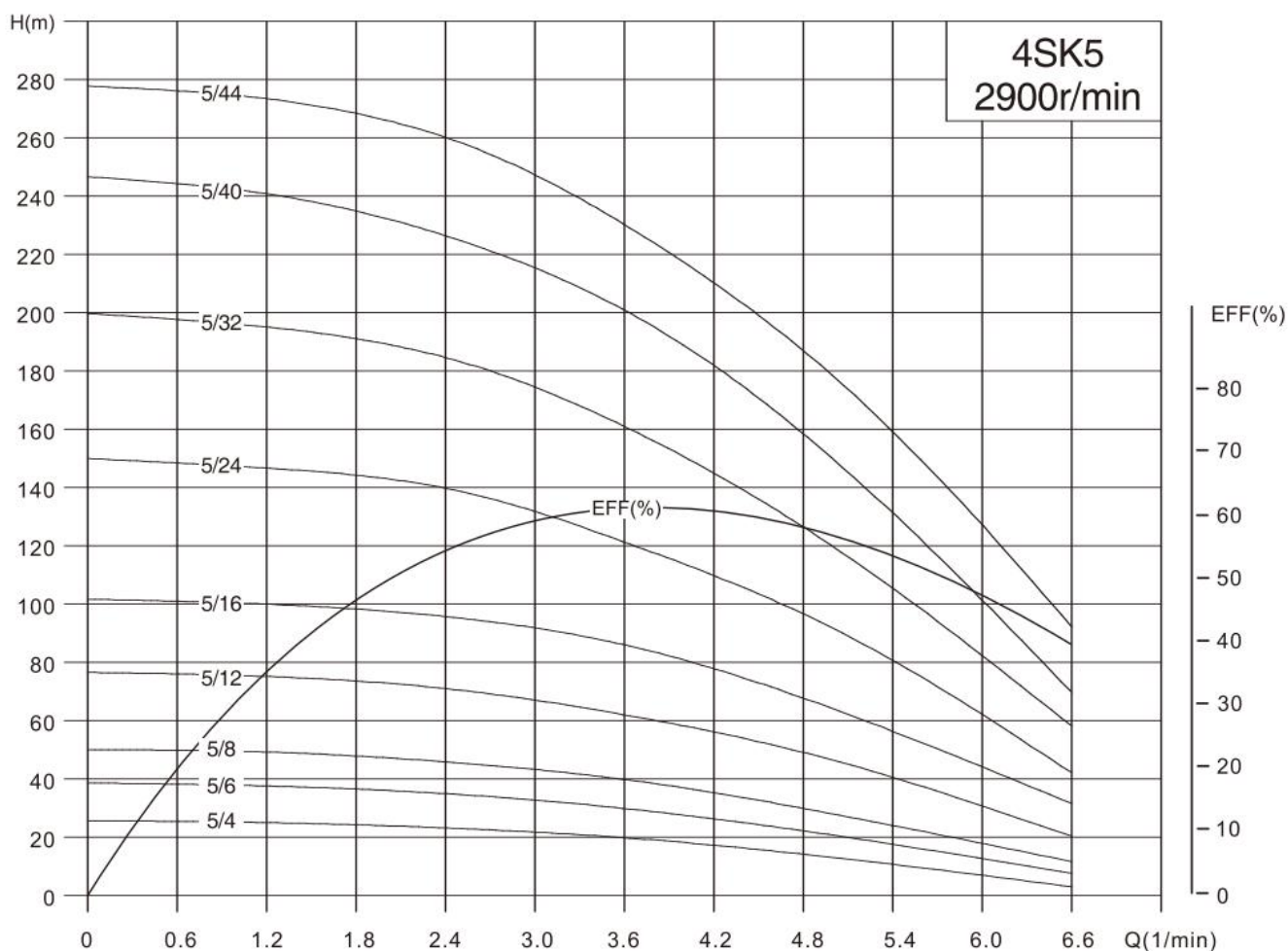
Type	Power	Q(m³/h)	0	3	3.6	4.2	4.8	5.4	6
4SK4/5	0.37	H(m)	33	22	21	17	13	8	3
4SK4/7	0.55		46	36	33	28	21	13	7
4SK4/9	0.75		59	47	43	37	28	20	10
4SK4/14	1.1		93	76	68	58	47	33	19
4SK4/18	1.5		120	98	88	75	60	42	25
4SK4/27	2.2		175	141	127	109	87	61	35
4SK4/35	3		231	184	166	145	119	85	49
4SK4/44	4		285	223	201	173	139	99	55
4SK4/48	4		322	245	228	198	160	118	70

Installation Dimensions

Type	Power	L1(mm)	L2(mm)	L=L1+L2	DN	Pump Weight	Motor Weight
4SK4/5	0.37	263	324	587	1.25"	2.7	9
4SK4/7	0.55	306	344	650		3	9.8
4SK4/9	0.75	350	369	719		3.3	11
4SK4/14	1.1	458	404	862		4.1	13
4SK4/18	1.5	545	449	994		4.7	15
4SK4/27	2.2	740	539	1279		6.2	17
4SK4/35	3	990	557	1547		7.9	17.6
4SK4/44	4	1185	637	1822		9.3	20.7
4SK4/48	4	1272	637	1909		9.9	20.7



4SK5 Performance curve

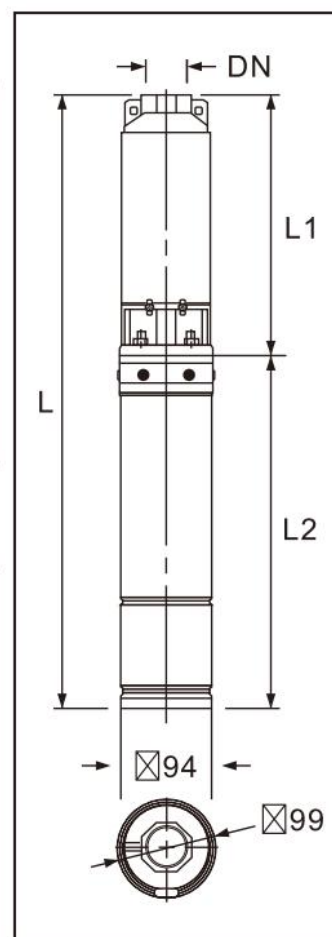


Runtime performance data

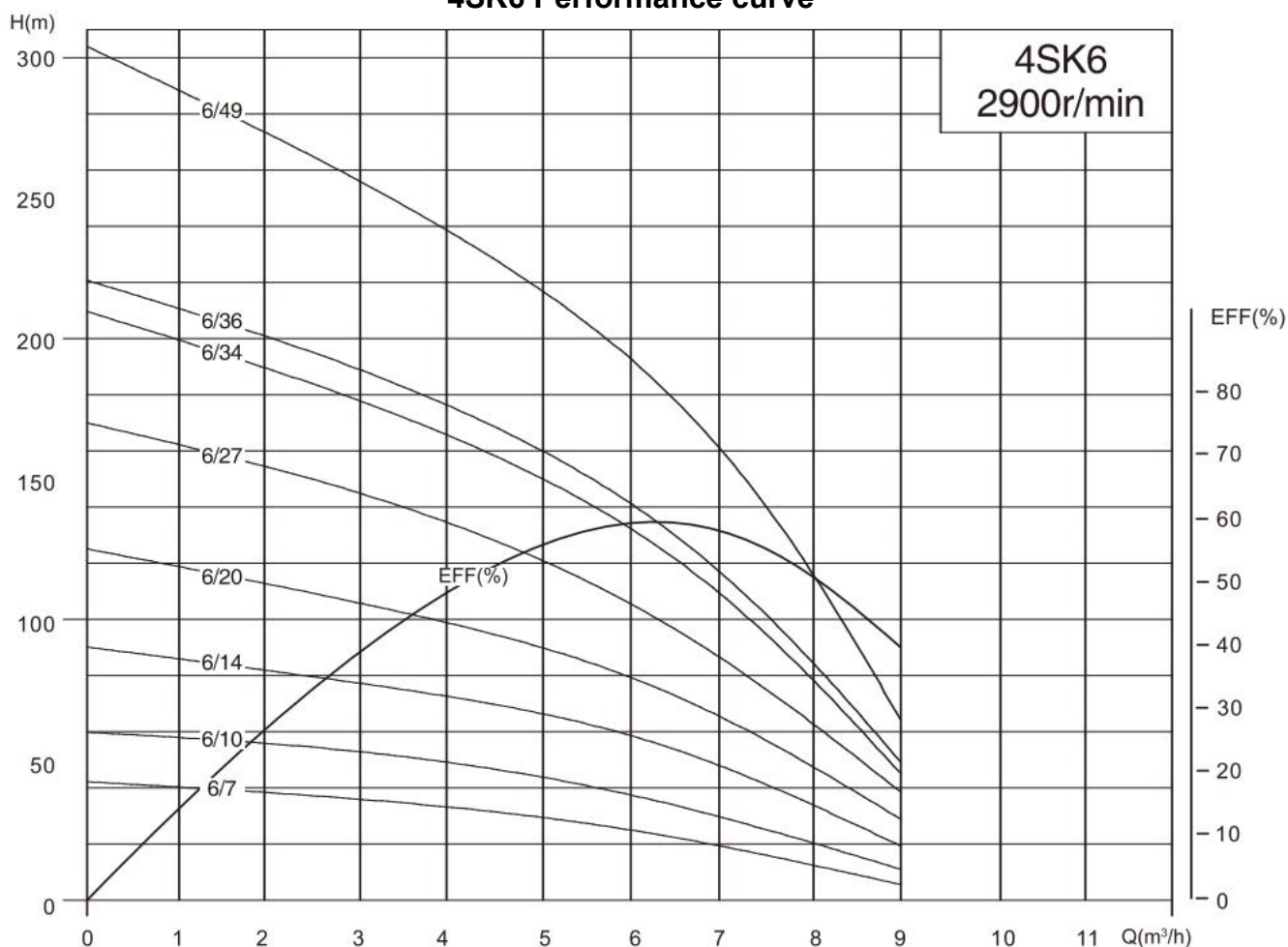
Type	Power	Q(m³/h)	0	3.6	4.2	4.8	5.4	6	6.6
4SK5/4	0.37	H(m)	26	19	17	14	11	7	4
4SK5/6	0.55		38	30	26	22	18	12	8
4SK5/8	0.75		51	39	35	30	24	18	14
4SK5/12	1.1		77	63	57	49	41	31	21
4SK5/16	1.5		102	86	77	68	57	46	34
4SK5/24	2.2		151	122	111	97	80	62	44
4SK5/32	3		203	162	146	127	105	80	59
4SK5/40	4		253	202	182	159	131	102	70
4SK5/44	4		278	230	210	187	159	127	94

Installation Dimensions

Type	Power	L1(mm)	L2(mm)	L=L1+L2	DN	Pump Weight	Motor Weight
4SK5/4	0.37	253	324	577	1.25"	2.4	9
4SK5/6	0.55	303	344	647		2.9	9.8
4SK5/8	0.75	353	369	722		3.3	11
4SK5/12	1.1	451	404	855		4.1	13
4SK5/16	1.5	549	449	998		5	15
4SK5/24	2.2	747	539	1286		6.6	17
4SK5/32	3	1021	557	1578		8.7	17.6
4SK5/40	4	1217	637	1854		10.4	20.7
4SK5/44	4	1316	637	1953		11.2	20.7



4SK6 Performance curve

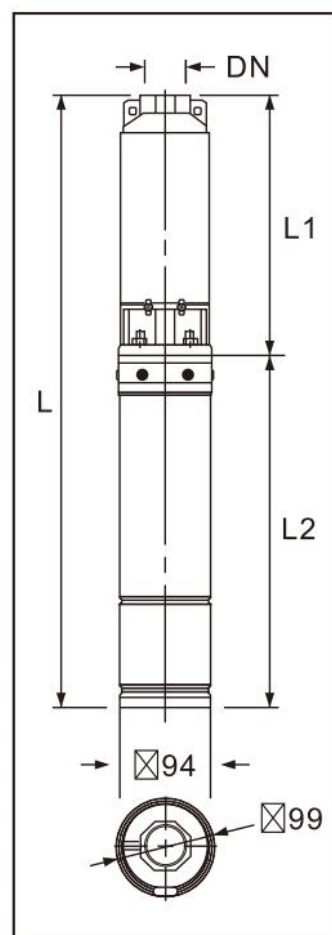


Runtime performance data

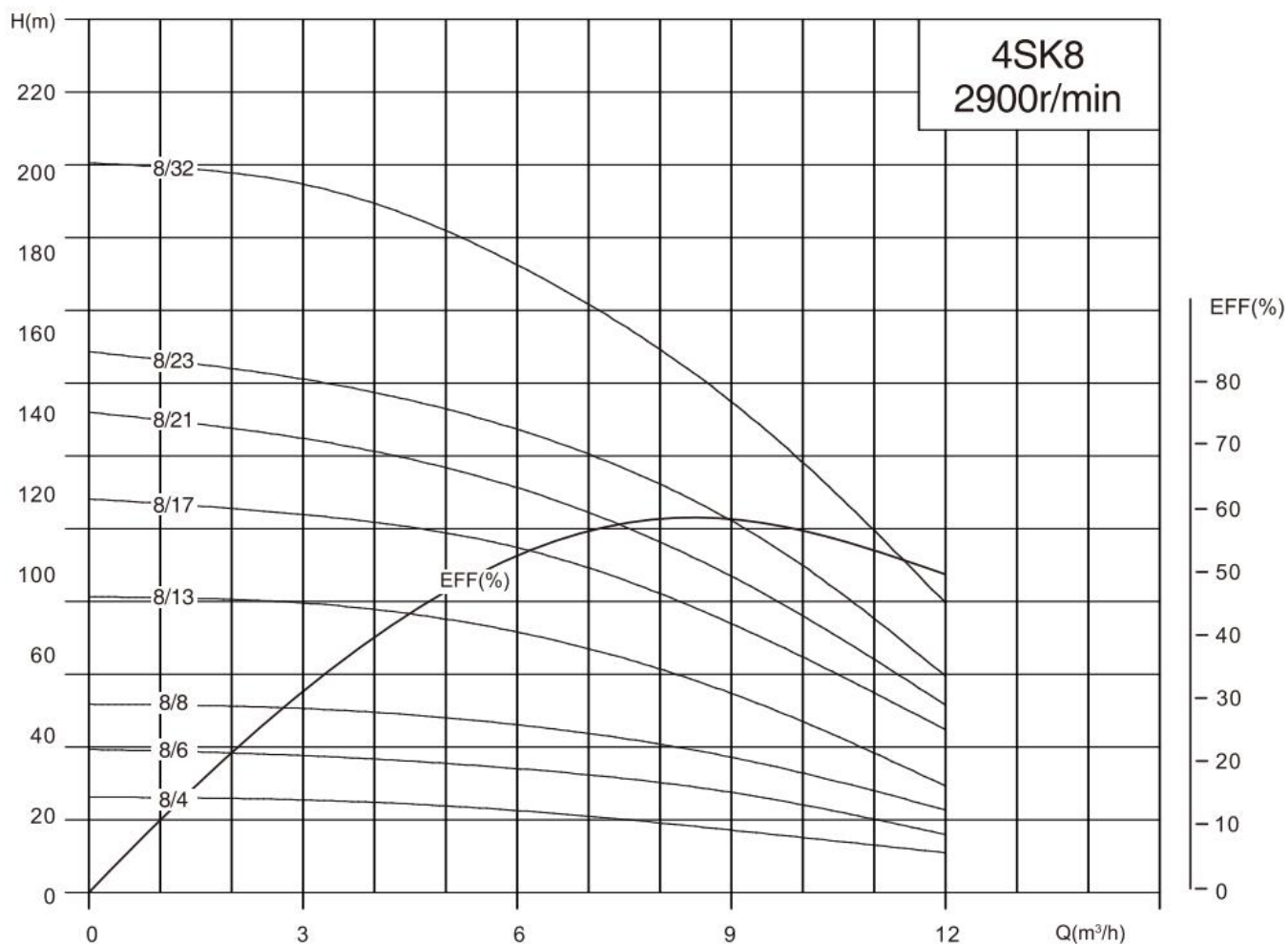
Type	Power	Q(m³/h)	0	5.4	6	6.6	7.2	7.8	9
4SK6/7	0.75	H(m)	42	28	25	22	19	15	8
4SK6/10	1.1		62	41	38	34	29	23	12
4SK6/14	1.5		90	63	59	53	46	37	19
4SK6/20	2.2		125	86	80	71	62	52	29
4SK6/27	3		169	115	107	96	84	70	39
4SK6/34	4		208	143	132	120	103	86	48
4SK6/36	4		221	154	143	127	112	93	49
4SK6/49	5.5		302	209	193	171	151	123	64

Installation Dimensions

Type	Power	L1(mm)	L2(mm)	L=L1+L2	DN	Pump Weight	Motor Weight
4SK6/7	0.75	393	369	762	2"	3.7	11
4SK6/10	1.1	488	404	892		4.6	13
4SK6/14	1.5	612	449	1061		5.7	15
4SK6/20	2.2	798	539	1337		7.5	17
4SK6/27	3	1015	557	1572		9.6	17.6
4SK6/34	4	1307	637	1944		11.6	20.7
4SK6/36	4	1369	637	2006		12.2	20.7
4SK6/49	5.5	1773	712	2485		15.9	25.7



4SK8 Performance curve

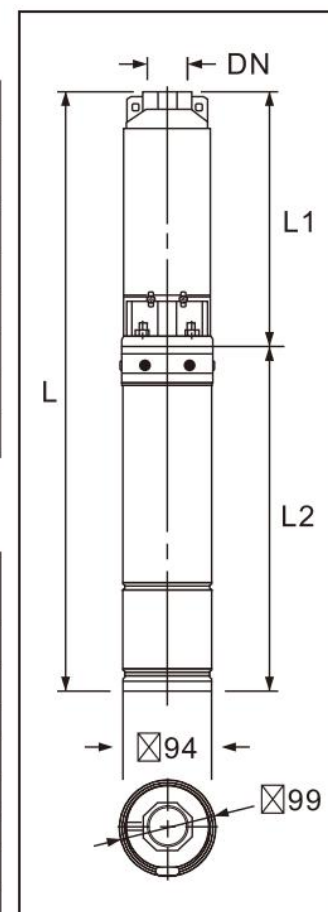


Runtime performance data

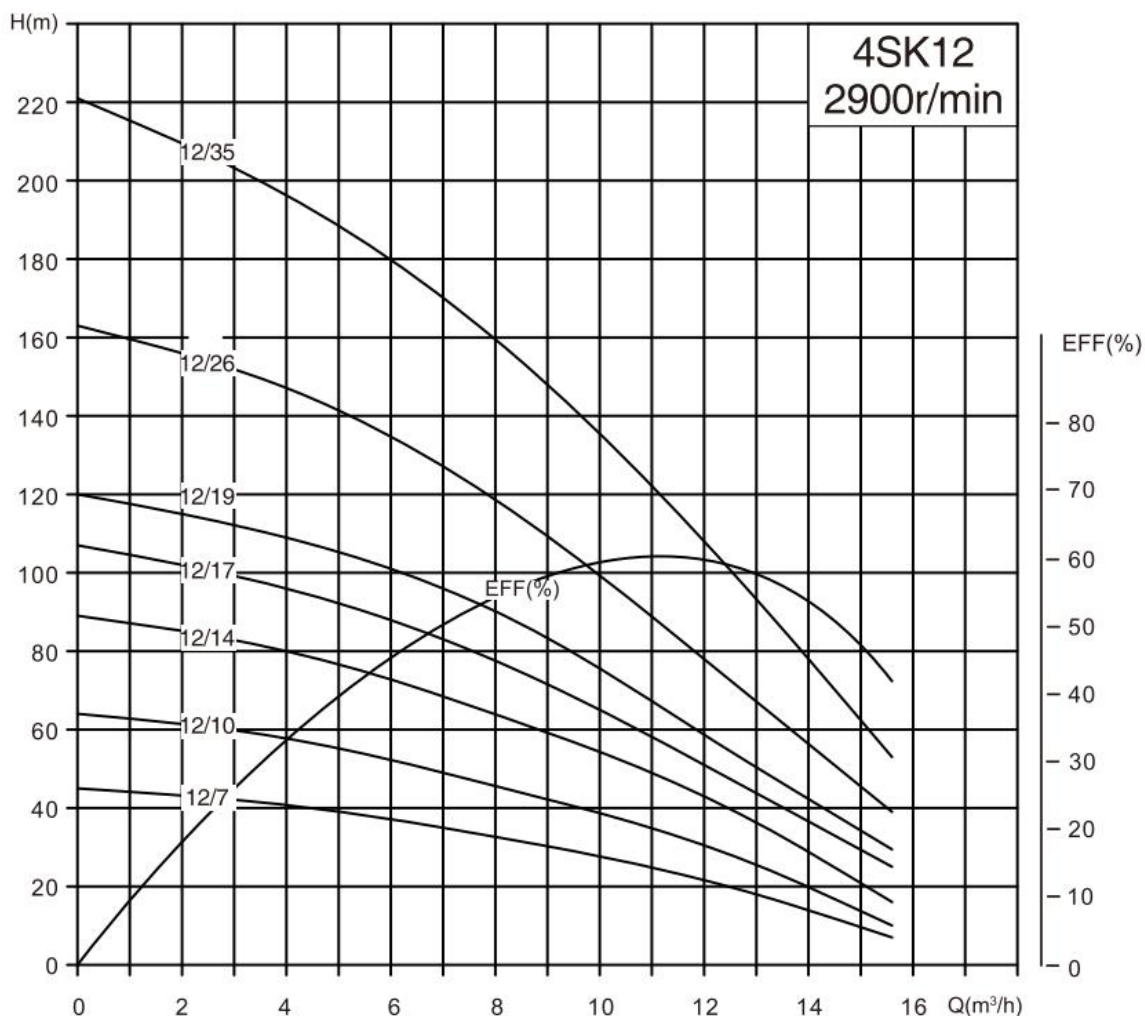
Type	Power	Q(m³/h)	0	7.2	7.8	8.4	9.0	9.6	12
4SK8/4	0.75	H(m)	26	21	20	19	18	17	11
4SK8/6	1.1		39	32	30	29	27	26	18
4SK8/8	1.5		52	43	40	39	37	35	24
4SK8/13	2.2		82	66	62	59	53	50	30
4SK8/17	3		108	87	83	79	75	70	47
4SK8/21	4		132	103	98	93	88	82	52
4SK8/23	4		148	118	113	108	101	95	60
4SK8/32	5.5		202	160	151	143	133	125	80

Installation Dimensions

Type	Power	L1(mm)	L2(mm)	L=L1+L2	DN	Pump Weight	Motor Weight
4SK8/4	0.75	302	369	671	2"	2.8	11
4SK8/6	1.1	363	404	767		3.4	13
4SK8/8	1.5	426	449	875		4	15
4SK8/13	2.2	581	539	1120		5.5	17
4SK8/17	3	705	557	1262		6.6	17.6
4SK8/21	4	829	637	1466		7.8	20.7
4SK8/23	4	891	637	1528		8.4	20.7
4SK8/32	5.5	1146	712	1858		11	25.7



4SK12 Performance curve

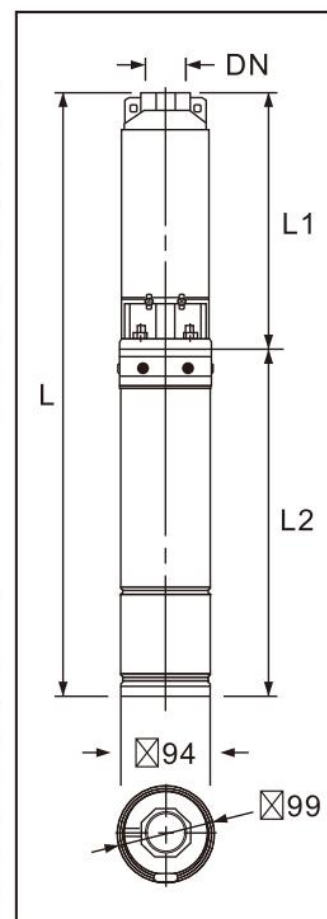


Runtime performance data

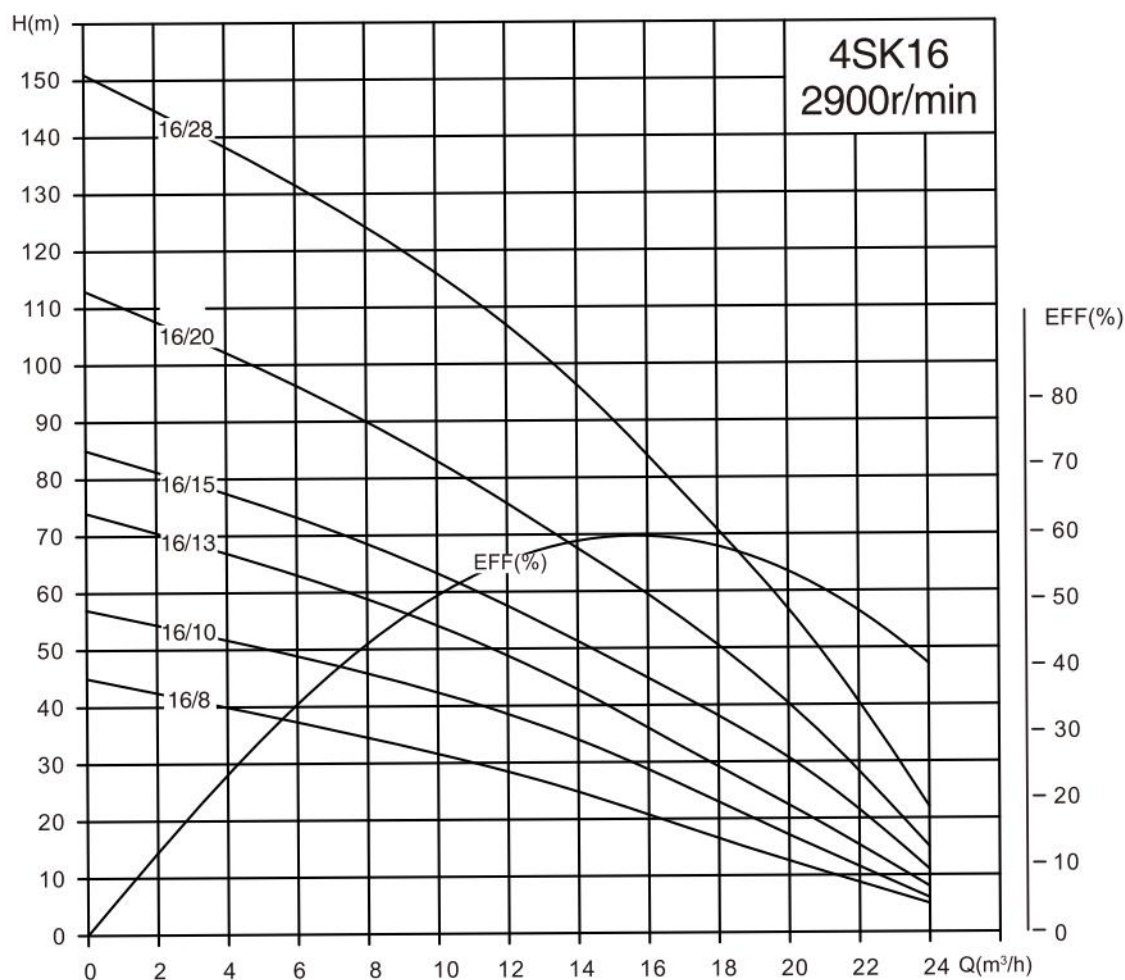
Type	Power	Q(m³/h)	0	8.4	9.6	10.8	12	13.2	14.4	15.6
4SK12/7	1.5	H(m)	45	31	28	25	22	18	12	7
4SK12/10	2.2		64	44	41	36	30	24	17	10
4SK12/14	3		89	62	56	51	43	35	26	16
4SK12/17	4		107	75	69	62	51	42	34	25
4SK12/19	4		120	89	76	68	58	52	40	30
4SK12/26	5.5		163	115	111	94	78	67	52	39
4SK12/35	7.5		221	155	142	126	108	90	70	53

Installation Dimensions

Type	Power	L1(mm)	L2(mm)	L=L1+L2	DN	Pump Weight	Motor Weight
4SK12/7	1.5	541	449	990	2"	5.3	15
4SK12/10	2.2	697	539	1236		6.7	17
4SK12/14	3	905	557	1462		8.6	17.6
4SK12/17	4	1060	637	1697		10.1	20.7
4SK12/19	4	1164	637	1801		11	20.7
4SK12/26	5.5	1603	712	2315		14	25.7
4SK12/35	7.5	2070	847	2917		20.9	32.3



4SK16 Performance curve

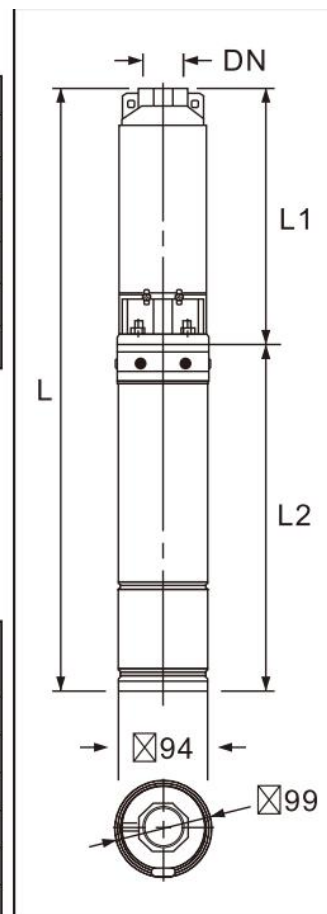


Runtime performance data

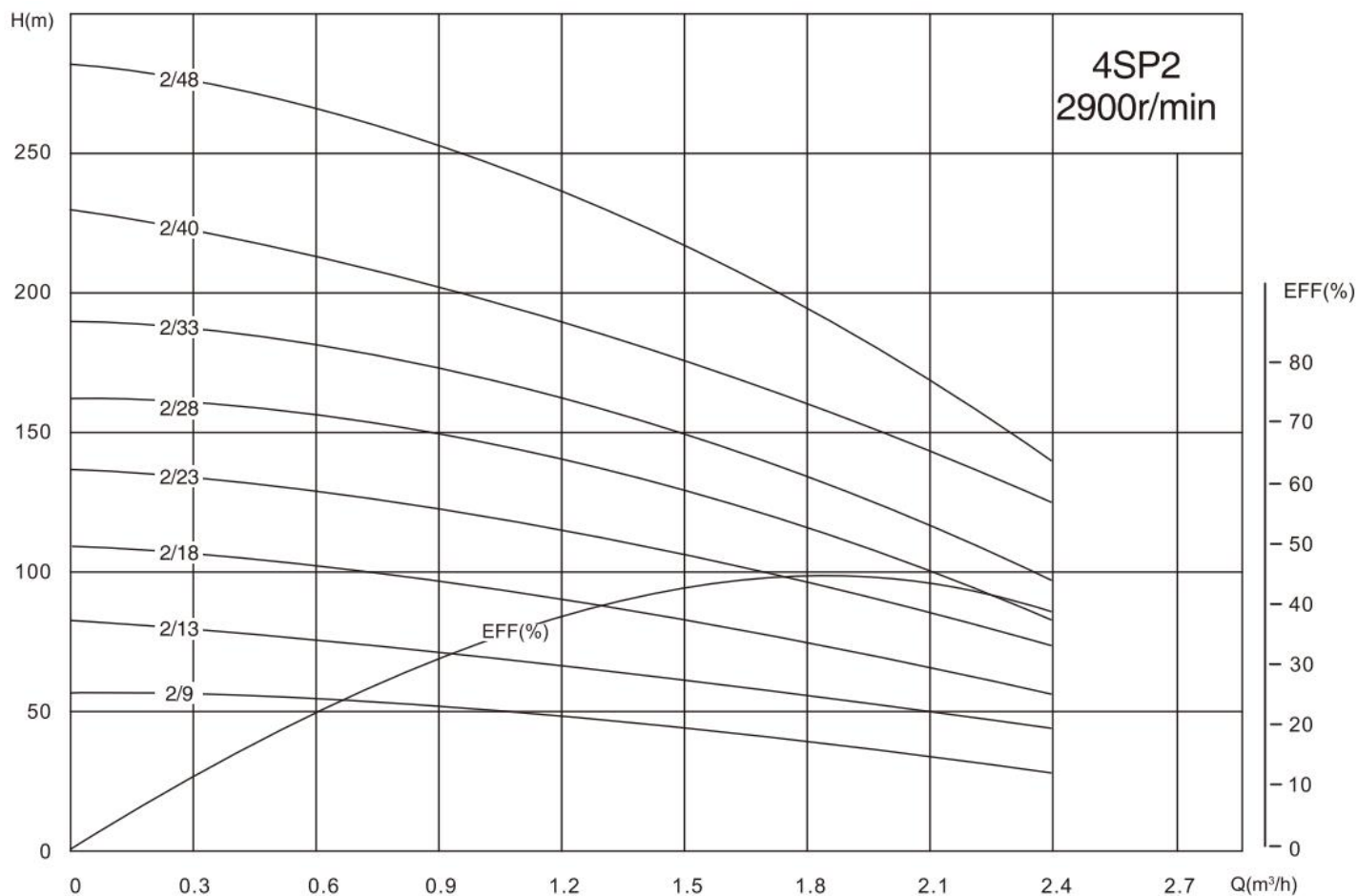
Type	Power	Q(m³/h)	0	14.4	15.6	16.8	18	19.2	20.4	24
4SK16/8	2.2	H(m)	45	25	21	19	16	14	11	5
4SK16/10	3		57	33	29	25	21	18	16	6
4SK16/13	4		74	42	37	32	27	25	21	8
4SK16/15	4		85	50	47	43	39	33	29	11
4SK16/20	5.5		113	66	60	56	50	44	38	15
4SK16/28	7.5		151	94	84	78	70	62	62	22

Installation Dimensions

Type	Power	L1(mm)	L2(mm)	L=L1+L2	DN	Pump Weight	Motor Weight
4SK16/8	2.2	720	539	1259	2"	6.3	17
4SK16/10	3	855	557	1412		8	17.6
4SK16/13	4	1060	637	1697		9.3	20.7
4SK16/15	4	1193	637	1830		10.5	20.7
4SK16/20	5.5	1608	712	2320		13.5	25.7
4SK16/28	7.5	2149	847	2996		21.2	32.3



4SP2 Performance curve

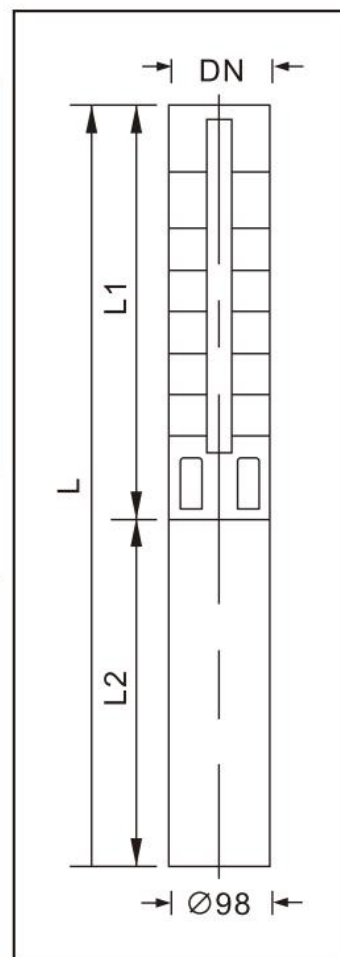


Runtime performance data

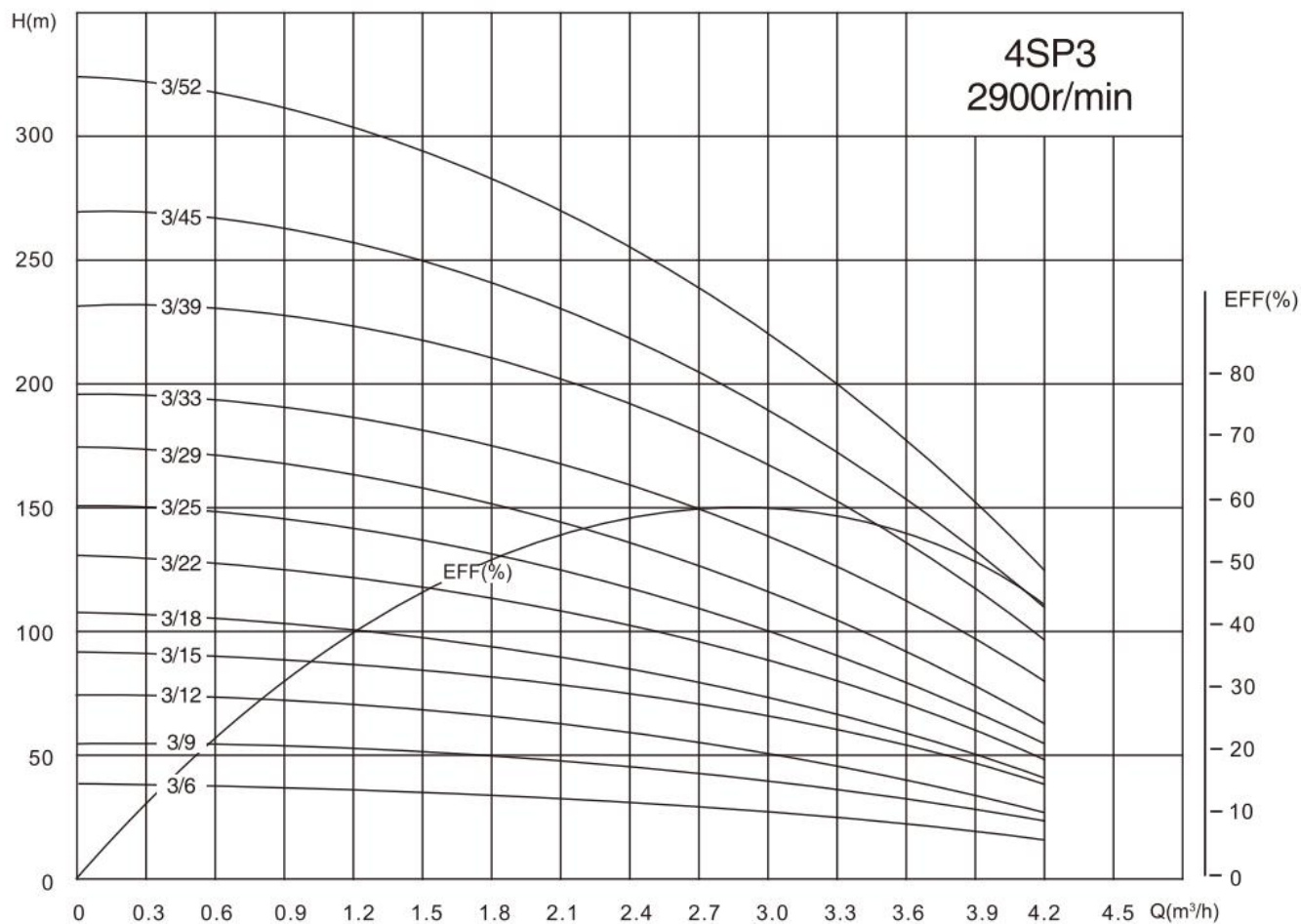
Type	Power	Q(m³/h)	0	0.9	1.2	1.5	1.8	2.4
4SP2/9	0.37	H(m)	54	48	44	41	37	23
4SP2/13	0.55		79	69	64	60	54	39
4SP2/18	0.75		107	93	87	80	73	55
4SP2/23	1.1		135	120	111	103	97	73
4SP2/28	1.5		160	150	139	129	114	81
4SP2/33	1.5		188	169	161	149	133	97
4SP2/40	2.2		227	202	187	172	156	122
4SP2/48	2.2		282	254	235	215	192	142

Installation Dimensions

Type	Power	L1(mm)	L2(mm)	L=L1+L2	DN	Pump Weight	Motor Weight
4SP2/9	0.37	337	324	661	1.25"	3.2	9
4SP2/13	0.55	420	344	764		4.3	9.8
4SP2/18	0.75	526	369	895		5.7	11
4SP2/23	1.1	631	404	1035		7	13
4SP2/28	1.5	736	449	1185		8.4	15
4SP2/33	1.5	841	449	1290		9.7	15
4SP2/40	2.2	988	539	1527		11.6	17
4SP2/48	2.2	1156	539	1695		13.8	17



4SP3 Performance curve

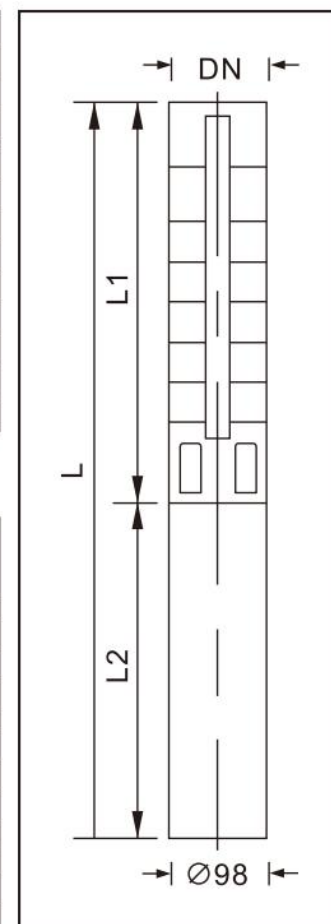


Runtime performance data

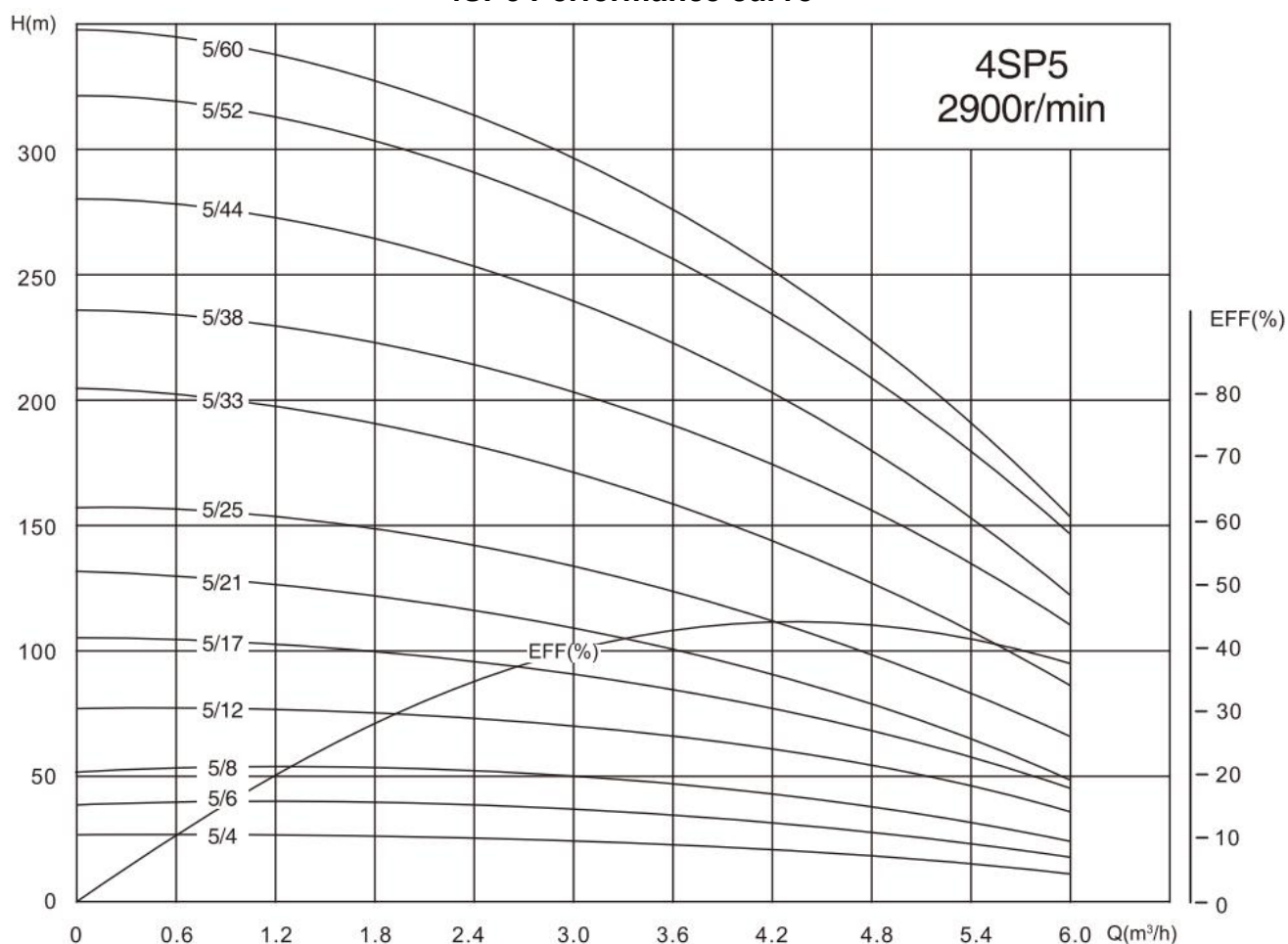
Type	Power	Q(m³/h)	0	2.1	2.4	3.0	3.6	4.2
4SP3/6	0.37	H(m)	37	31	29	26	21	16
4SP3/9	0.55		55	48	44	38	31	23
4SP3/12	0.75		74	63	58	51	40	26
4SP3/15	1.1		92	80	77	69	57	40
4SP3/18	1.1		108	89	82	72	59	41
4SP3/22	1.5		131	111	101	88	72	49
4SP3/25	1.5		151	126	115	98	78	53
4SP3/29	2.2		177	148	138	118	92	62
4SP3/33	2.2		198	172	164	145	118	80
4SP3/39	3		232	204	195	172	138	94
4SP3/45	3		272	233	224	199	162	110
4SP3/52	4		328	272	261	230	184	123

Installation Dimensions

Type	Power	L1(mm)	L2(mm)	L=L1+L2	DN	Pump Weight	Motor Weight
4SP3/6	0.37	274	324	598	1.25"	1.7	9
4SP3/9	0.55	337	344	681		2.8	9.8
4SP3/12	0.75	400	369	769		3.9	11
4SP3/15	1.1	463	404	867		5.1	13
4SP3/18	1.1	526	404	930		6.2	13
4SP3/22	1.5	610	449	1059		7.7	15
4SP3/25	1.5	673	449	1122		8.9	15
4SP3/29	2.2	757	539	1296		10.4	17
4SP3/33	2.2	841	539	1380		11.9	17
4SP3/39	3	967	557	1524		14.2	17.6
4SP3/45	3	1093	557	1650		16.5	17.6
4SP3/52	4	1240	637	1877		19.1	20.7



4SP5 Performance curve

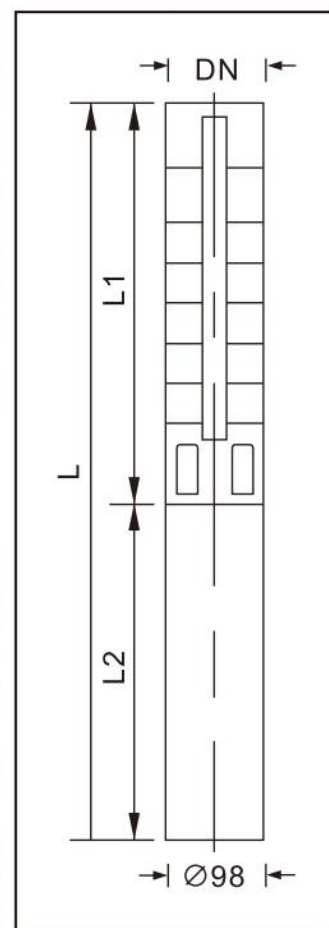


Runtime performance data

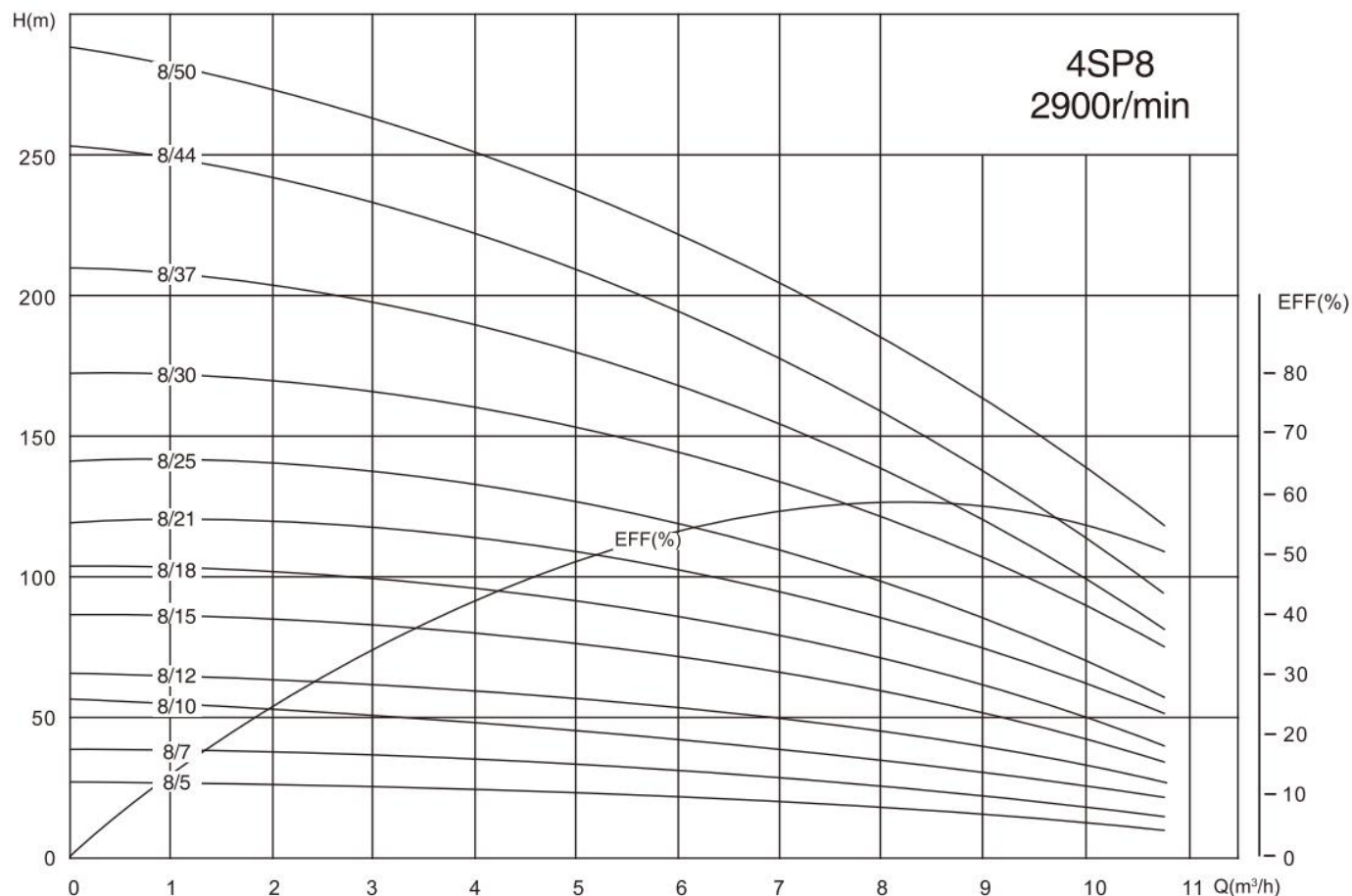
Type	Power	Q(m³/h)	0	3	3.6	4.2	4.8	6
4SP5/4	0.37	H(m)	25	20	19	17	16	10
4SP5/6	0.55		38	31	29	27	25	18
4SP5/8	0.75		51	42	39	37	33	24
4SP5/12	1.1		76	61	58	53	48	34
4SP5/17	1.5		105	82	79	74	66	46
4SP5/21	2.2		131	103	99	93	85	58
4SP5/25	2.2		156	125	118	110	88	66
4SP5/33	3		205	166	156	147	132	86
4SP5/38	4		237	195	184	173	156	110
4SP5/44	4		281	221	210	195	176	121
4SP5/52	5.5		321	261	247	233	209	147
4SP5/60	5.5		349	294	276	256	225	155

Installation Dimensions

Type	Power	L1(mm)	L2(mm)	L=L1+L2	DN	Pump Weight	Motor Weight
4SP5/4	0.37	232	324	556	1.5"	2.2	9
4SP5/6	0.55	274	344	618		2.7	9.8
4SP5/8	0.75	316	369	685		3.3	11
4SP5/12	1.1	400	404	804		4.4	13
4SP5/17	1.5	505	449	954		5.8	15
4SP5/21	2.2	589	539	1128		6.9	17
4SP5/25	2.2	673	539	1212		8.1	17
4SP5/33	3	841	557	1398		10.3	17.6
4SP5/38	4	946	637	1583		11.7	20.7
4SP5/44	4	1072	637	1709		13.4	20.7
4SP5/52	5.5	1240	712	1952		15.6	25.7
4SP5/60	5.5	1408	712	2120		17.8	25.7



4SP8 Performance curve

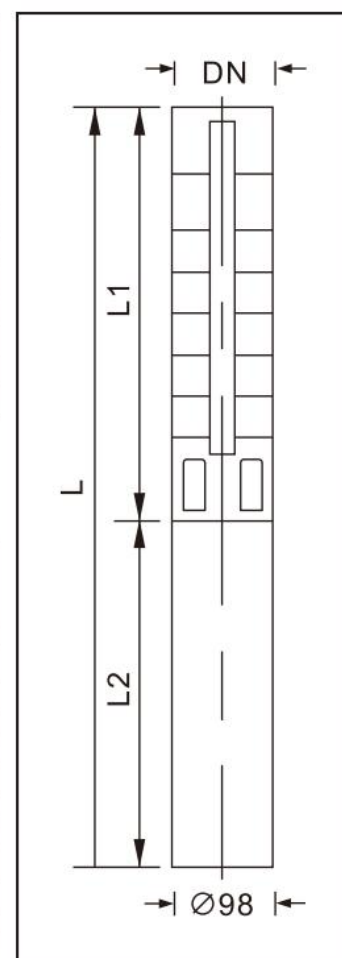


Runtime performance data

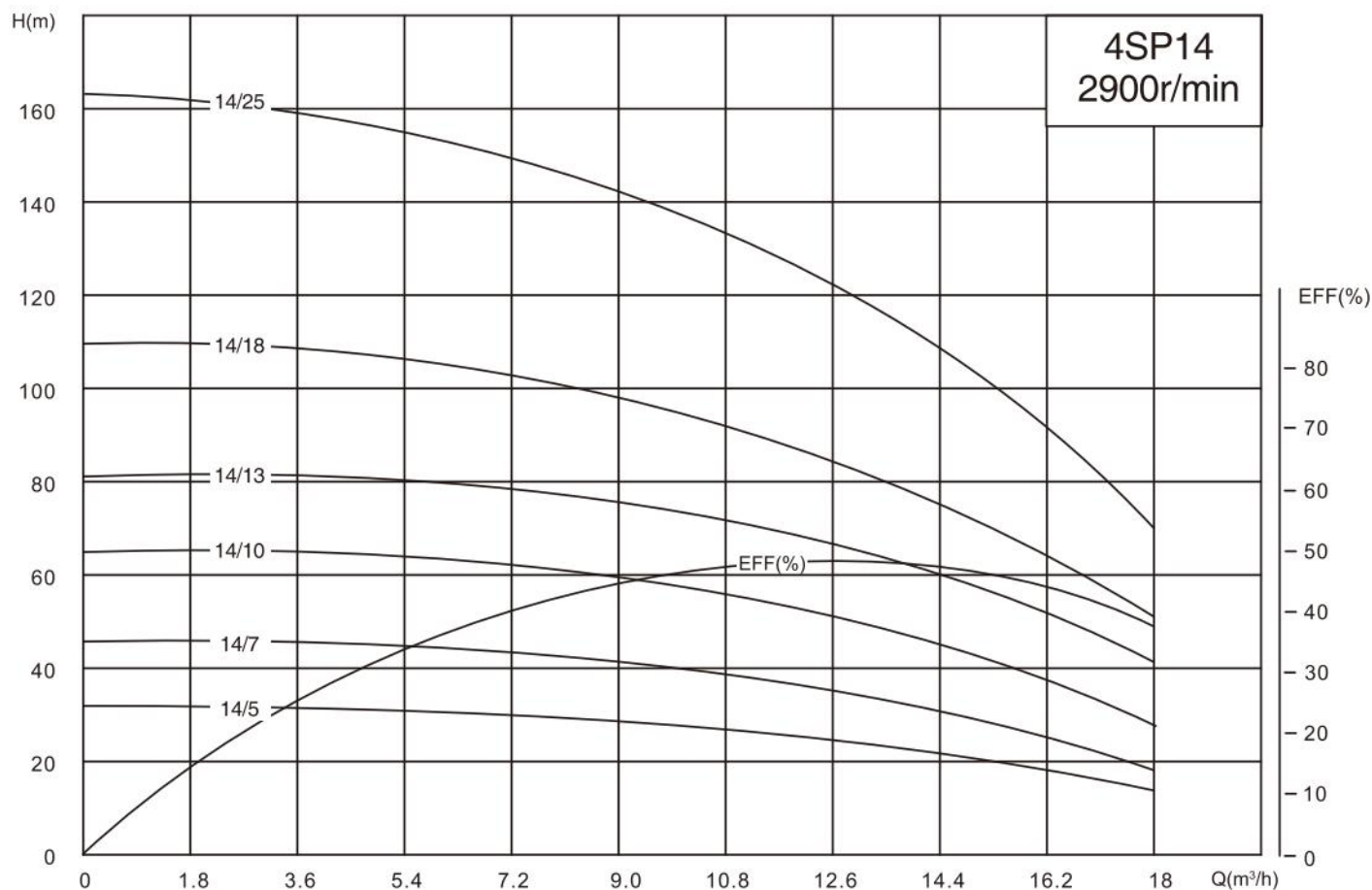
Type	Power	Q(m³/h)	0	3.6	4.8	8.4	9.6	10.8
4SP8/5	0.75	H(m)	29	25	24	19	16	12
4SP8/7	1.1		40	35	33	26	21	16
4SP8/10	1.5		58	49	47	38	31	23
4SP8/12	2.2		67	58	55	45	38	29
4SP8/15	2.2		87	74	69	56	46	36
4SP8/18	3		103	88	83	63	54	41
4SP8/21	4		120	103	97	80	67	51
4SP8/25	4		142	125	118	93	77	57
4SP8/30	5.5		172	153	144	115	100	76
4SP8/37	5.5		210	175	165	130	105	82
4SP8/44	7.5		251	215	204	161	135	95
4SP8/50	7.5		288	254	242	198	168	129

Installation Dimensions

Type	Power	L1(mm)	L2(mm)	L=L1+L2	DN	Pump Weight	Motor Weight
4SP8/5	0.75	289	369	658	2"	5	11
4SP8/7	1.1	349	404	753		5.6	13
4SP8/10	1.5	439	449	888		6.5	15
4SP8/12	2.2	499	539	1038		7.1	17
4SP8/15	2.2	589	539	1128		8	17
4SP8/18	3	679	557	1236		8.9	17.6
4SP8/21	4	769	637	1406		9.8	20.7
4SP8/25	4	889	637	1526		11	20.7
4SP8/30	5.5	1039	712	1751		12.5	25.7
4SP8/37	5.5	1249	712	1961		14.6	25.7
4SP8/44	7.5	1459	847	2306		16.7	32.3
4SP8/50	7.5	1639	847	2486		18.5	32.3



4SP14 Performance curve

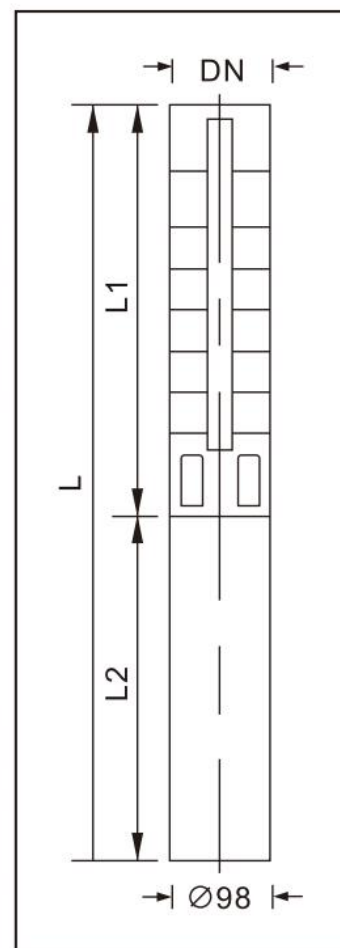


Runtime performance data

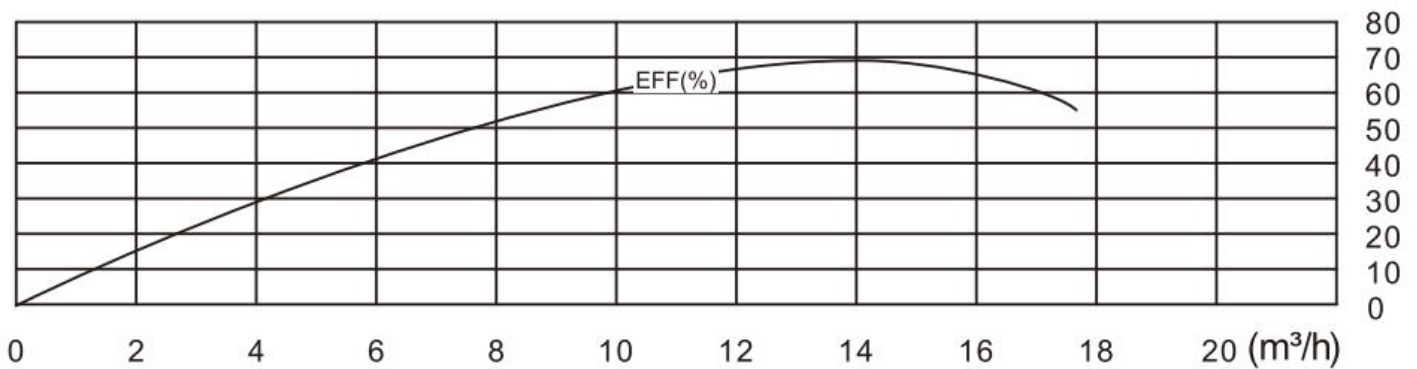
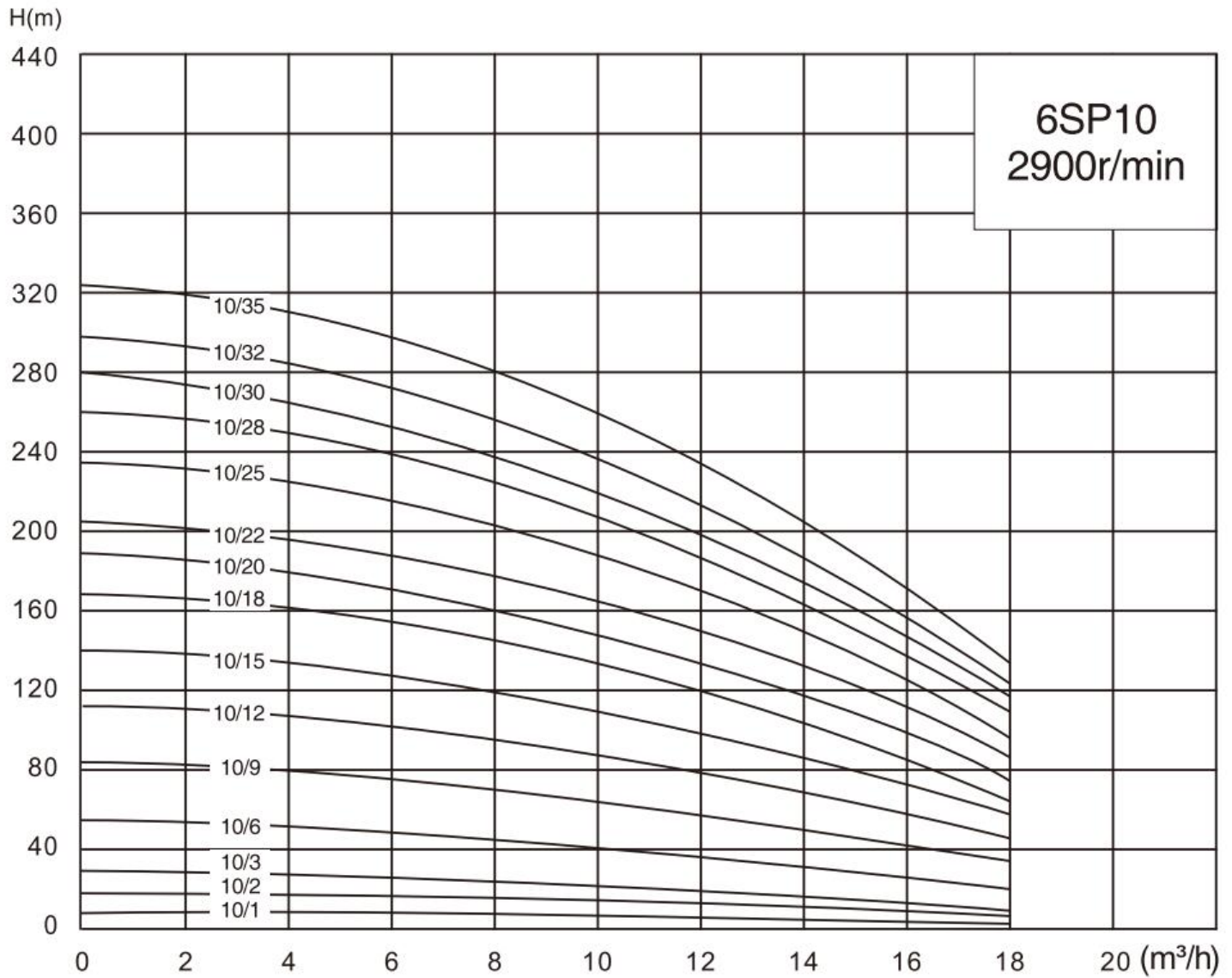
Type	Power	Q(m³/h)	0	6	8.4	12	15.0	18
4SP14/5	1.5	H(m)	33	30	29	25	20	14
4SP14/7	2.2		45	43	41	36	28	19
4SP14/10	3		65	61	58	51	41	28
4SP14/13	4		81	73	69	63	53	41
4SP14/18	5.5		112	98	93	84	72	53
4SP14/25	7.5		164	150	140	120	93	70

Installation Dimensions

Type	Power	L1(mm)	L2(mm)	L=L1+L2	DN	Pump Weight	Motor Weight
4SP14/5	1.5	349	449	798	2"	3.6	15
4SP14/7	2.2	433	539	972		4.5	17
4SP14/10	3	559	557	1116		5.8	17.6
4SP14/13	4	685	637	1322		7.2	20.7
4SP14/18	5.5	895	712	1607		9.4	25.7
4SP14/25	7.5	1189	847	2036		12.6	32.3



6SP10 Performance curve

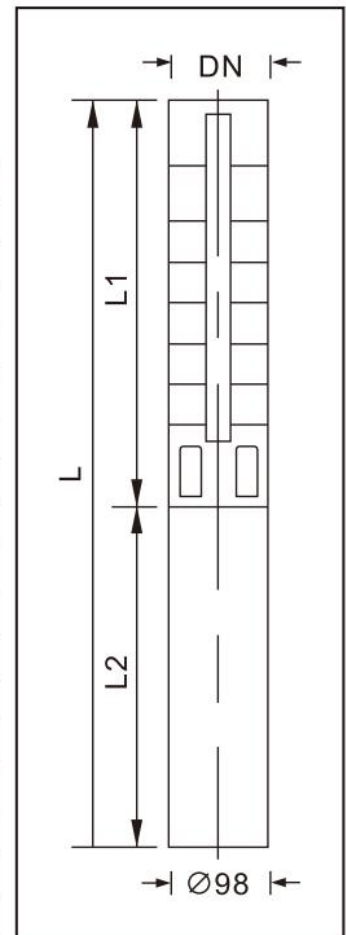


Runtime performance data

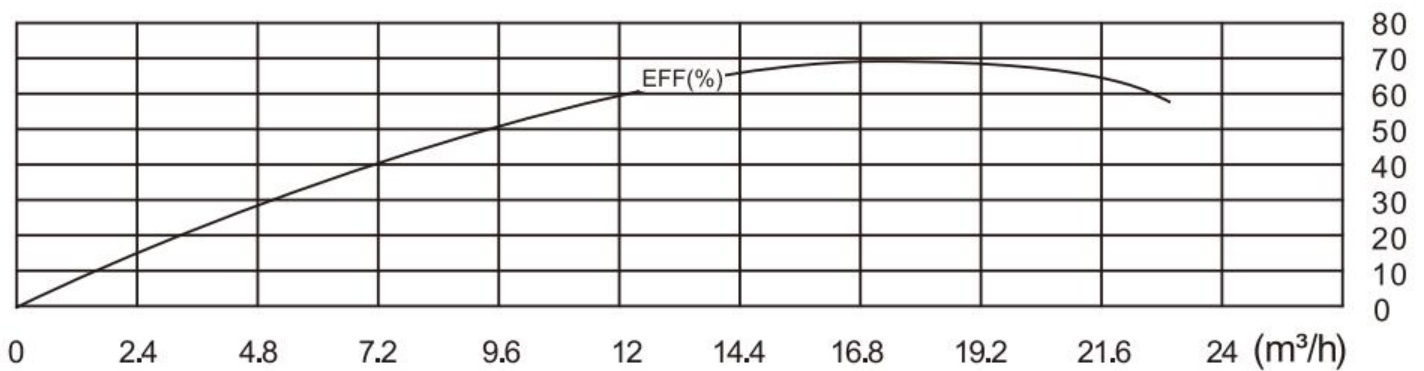
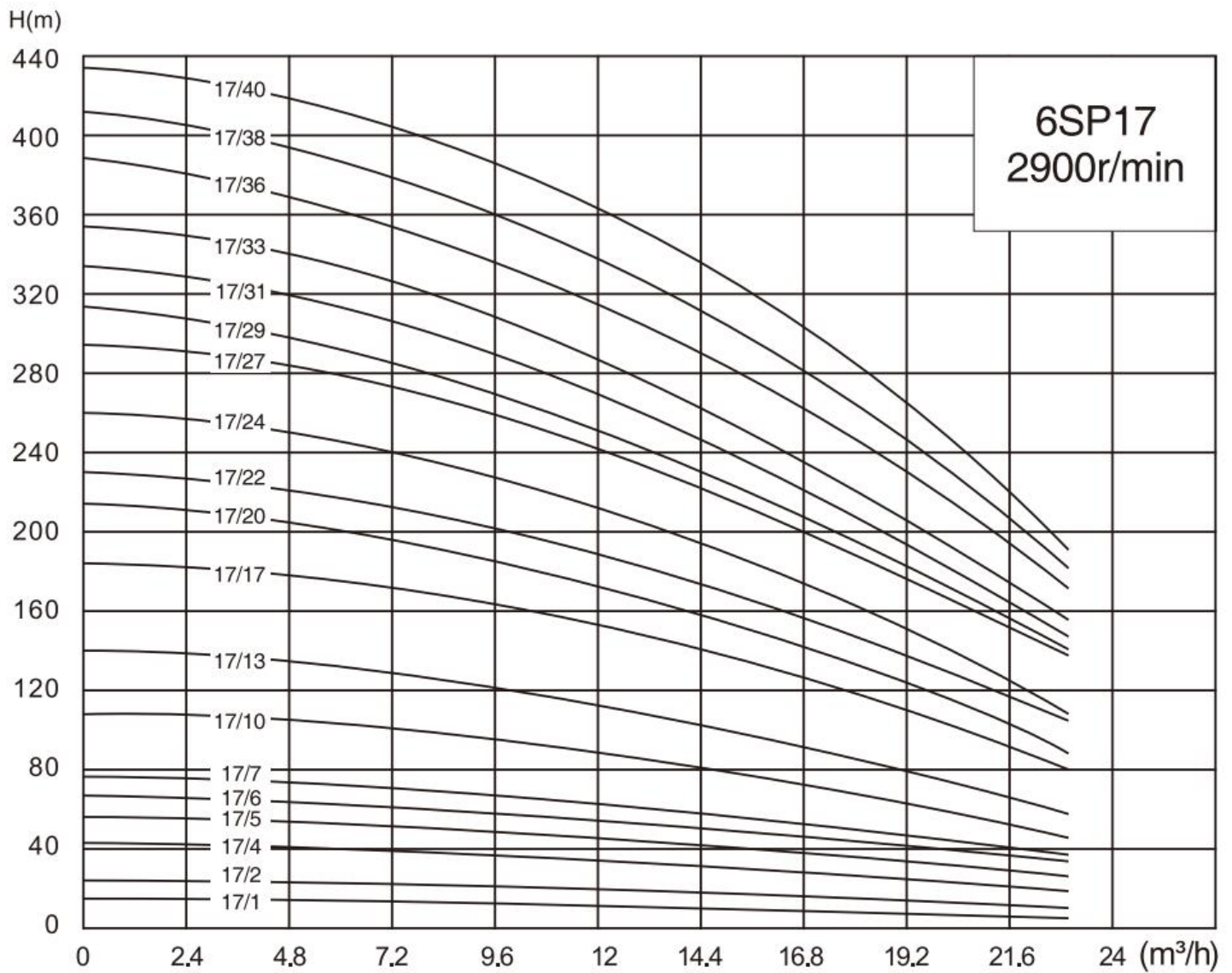
Type	Power	Q(m ³ /h)	0	3.6	7.2	10.8	12	14.4	16	18
6SP10/1	0.55	H(m)	8	8	8	7	6	5	4	3
6SP10/2	0.75		17	17	16	14	13	11	9	6
6SP10/3	1.1		27	27	26	23	21	18	15	11
6SP10/6	2.2		55	55	52	46	43	36	30	22
6SP10/9	4		84	84	80	71	66	56	47	35
6SP10/12	5.5		112	112	107	94	89	74	63	46
6SP10/15	5.5		140	140	133	118	111	93	78	58
6SP10/18	7.5		168	168	160	141	133	111	94	69
6SP10/20	7.5		187	186	178	157	148	124	105	77
6SP10/22	9.2		205	205	195	173	162	136	115	85
6SP10/25	9.2		233	233	222	197	184	155	131	96
6SP10/28	11		261	261	249	220	207	173	146	108
6SP10/30	11		280	280	266	236	221	186	157	116
6SP10/32	13		298	298	284	252	236	198	167	123
6SP10/35	13		326	326	311	275	258	216	183	135

Installation Dimensions

Type	Power	L1(mm)	L2(mm)		L=L1+L2		DN	Pump Weight	Motor Weight
			4"	6"	4"	6"			4"/6"
6SP10/1	0.55	330	305	—	3635	—	2"	10	8
6SP10/2	0.75	390	340	—	730	—		11	9
6SP10/3	1.1	451	360	—	811	—		13	10.1
6SP10/6	2.2	632	455	—	1087	—		17	14.3
6SP10/9	4	814	637	—	1451	—		21	20.7
6SP10/12	5.5	995	712	573	1707	1568		26	25.7/44
6SP10/15	5.5	1177	712	573	1889	1750		30	25.7/44
6SP10/18	7.5	1358	847	603	2205	1961		34	32.3/48
6SP10/20	7.5	1479	847	603	2326	2082		37	32.3/48
6SP10/22	9.2	1600	—	653	—	2253		36	51.0
6SP10/25	9.2	1782	—	653	—	2435		40	51.0
6SP10/26	9.2	1842	—	653	—	2495		41	51.0
6SP10/27	11	1903	—	683	—	2586		43	57.0
6SP10/30	11	2084	—	683	—	2767		47	57.0
6SP10/32	13	2205	—	796	—	3001		50	60.0
6SP10/35	13	2387	—	796	—	3183		54	60.0



6SP17 Performance curve

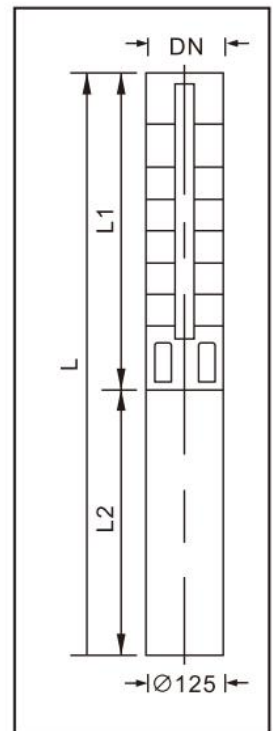


Runtime performance data

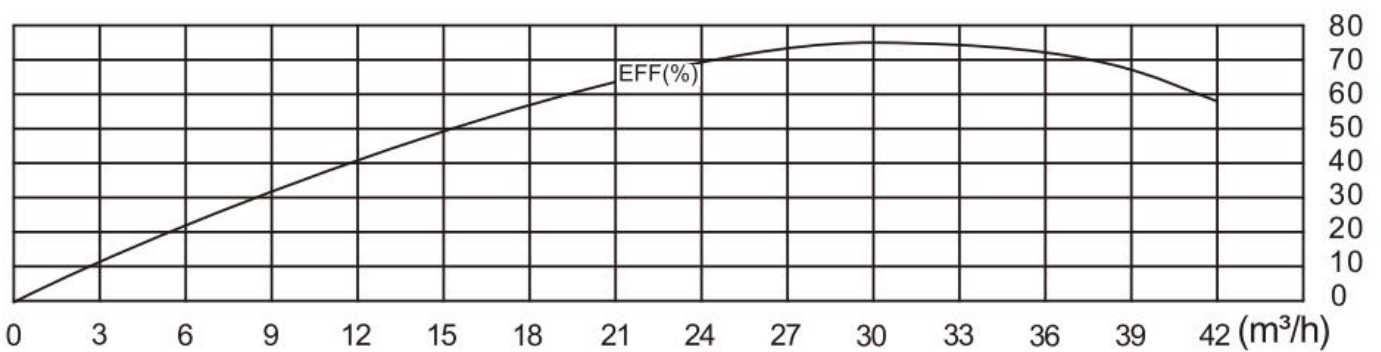
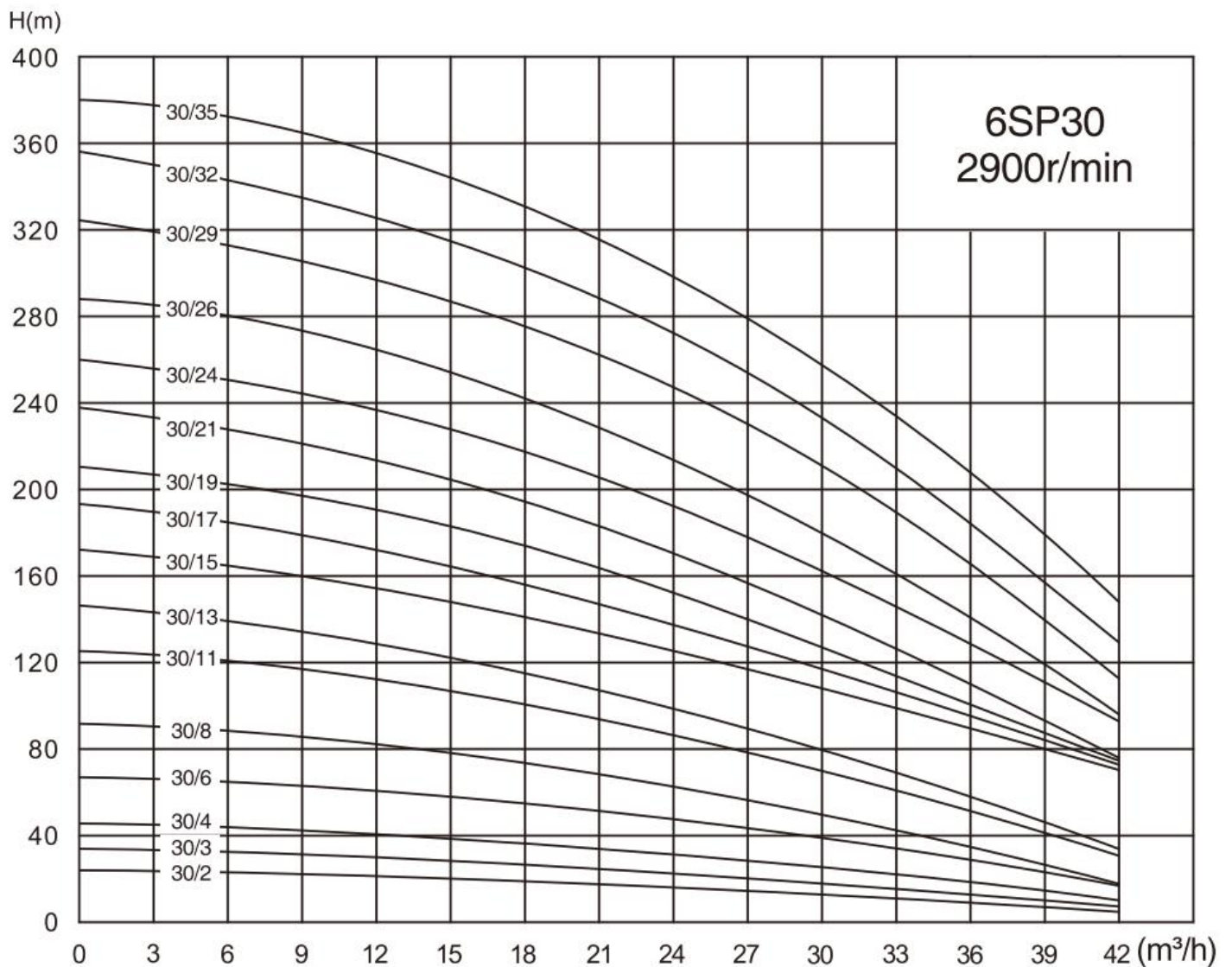
Type	Power	Q(m³/h)	0	6	8	10	12	14	16	18	20
6SP17/1	0.55	H(m)	10	10	10	9	9	8	7	7	5
6SP17/2	1.1		21	21	20	20	19	17	16	14	12
6SP17/4	2.2		46	45	44	42	40	37	34	30	25
6SP17/5	3		57	56	55	53	50	47	43	38	32
6SP17/6	4		69	67	66	64	61	56	51	45	39
6SP17/7	4		81	79	78	75	72	67	61	54	46
6SP17/10	5.5		116	113	111	107	102	95	87	77	66
6SP17/13	7.5		151	148	144	139	133	124	113	100	85
6SP17/17	9.2		197	193	189	182	174	162	148	131	112
6SP17/20	11		232	227	222	215	204	191	174	154	131
6SP17/22	13		255	250	244	236	225	210	191	169	144
6SP17/24	13		278	272	266	258	245	229	209	185	158
6SP17/27	15		313	306	300	290	276	258	235	208	177
6SP17/29	18.5		336	329	322	311	296	277	252	223	190
6SP17/31	18.5		359	352	344	333	317	296	270	239	203
6SP17/33	18.5		382	375	366	354	337	315	287	254	217
6SP17/36	22		417	409	400	386	368	344	313	277	236
6SP17/38	22		440	431	422	408	388	363	331	293	249
6SP17/40	22		463	454	444	429	409	382	348	308	263

Installation Dimensions

Type	Power	L1(mm)	L2(mm)		L=L1+L2		DN	Pump Weight	Motor Weight
			4"	6"	4"	6"			4"/6"
6SP17/1	0.55	330	305	—	635	—	2.5"	5	8
6SP17/2	1.1	390	360	—	750	—		7	10.1
6SP17/4	2.2	511	455	—	966	—		10	14.3
6SP17/5	3	572	557	—	1129	—		11	17.6
6SP17/6	4	632	637	—	1269	—		13	20.7
6SP17/7	4	693	637	—	1330	—		14	20.7
6SP17/10	5.5	874	712	573	1586	1447		18	25.7/44
6SP17/13	7.5	1056	847	603	1903	1659		23	32.3/48
6SP17/17	9.2	1298	—	653	—	1951		29	51.0
6SP17/20	11	1479	—	683	—	2162		33	57.0
6SP17/22	13	1600	—	796	—	2396		36	60.0
6SP17/24	13	1721	—	796	—	2517		39	60.0
6SP17/27	15	1903	—	847	—	2750		43	65.0
6SP17/29	18.5	2024	—	922	—	2946		46	71
6SP17/31	18.5	2145	—	922	—	3067		49	71
6SP17/33	18.5	2266	—	922	—	3188		52	71
6SP17/36	22	2447	—	999	—	3446		56	80
6SP17/38	22	2568	—	999	—	3567		59	80
6SP17/40	22	2939	—	999	—	3938		62	80



6SP30 Performance curve

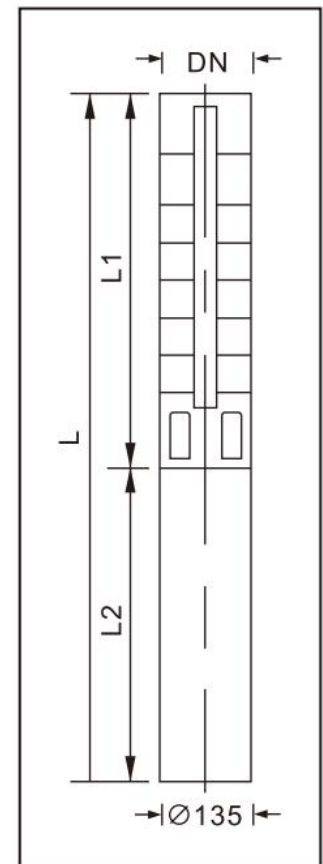


Runtime performance data

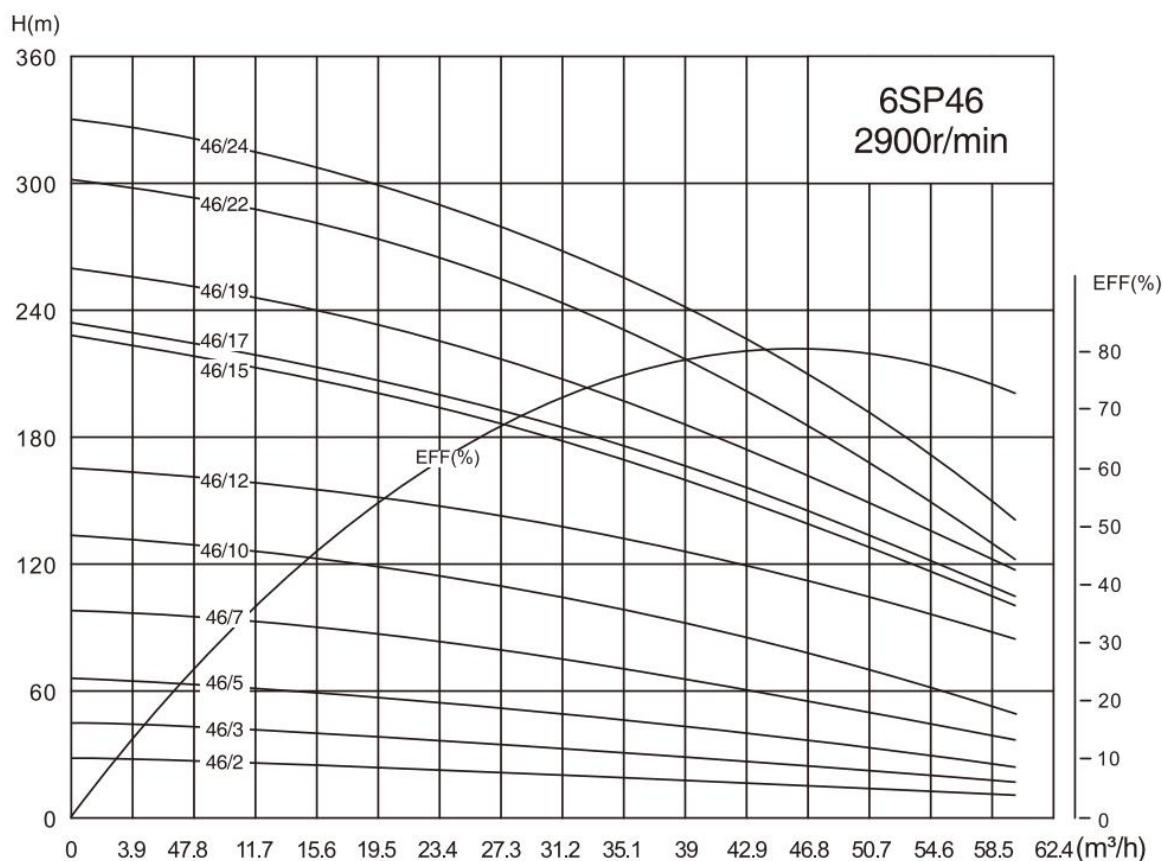
Type	Power	Q(m³/h)	0	7.2	14.4	21.6	24	28.8	36	43.2
6SP30/2	2.2	H(m)	22	22	20	18	17	14	10	4
6SP30/3	3		33	32	29	26	24	21	15	6
6SP30/4	4		48	46	43	38	36	31	22	10
6SP30/6	5.5		72	69	64	57	54	46	33	15
6SP30/8	7.5		96	92	86	76	71	62	44	20
6SP30/11	9.2		131	127	118	104	98	85	60	27
6SP30/13	11		155	150	139	123	116	100	71	32
6SP30/15	13		179	173	161	142	134	116	82	37
6SP30/17	15		203	196	182	161	152	131	93	42
6SP30/19	18.5		227	220	204	180	170	147	103	47
6SP30/21	18.5		251	243	225	199	188	162	114	52
6SP30/24	22		287	277	257	227	214	185	131	59
6SP30/26	26		311	301	279	246	232	201	142	64
6SP30/29	26		346	335	311	274	259	224	158	72
6SP30/32	30		382	370	343	303	286	247	174	79
6SP30/35	30		418	405	375	331	313	270	191	87

Installation Dimensions

Type	Power	L1(mm)	L2(mm)		L=L1+L2		DN	Pump Weight	Motor Weight
			4"	6"	4"	6"			4"/6"
6SP30/2	2.2	459	455	—	914	—	3"	9	14.3/22.5
6SP30/3	3	554	557	—	1111	—		11	17.6/25.5
6SP30/4	4	649	637	—	1286	—		13	20.7
6SP30/6	5.5	839	712	573	1551	1412		17	25.7/44
6SP30/8	7.5	1029	847	603	1876	1632		21	32.3/48
6SP30/11	9.2	1314	—	653	—	1967		27	51.0
6SP30/13	11	1504	—	683	—	2187		31	57.0
6SP30/15	13	1694	—	796	—	2490		36	60.0
6SP30/17	15	1884	—	847	—	2731		40	65.0
6SP30/19	18.5	2074	—	922	—	2996		44	71
6SP30/21	18.5	2264	—	922	—	3186		48	71
6SP30/24	22	2549	—	999	—	3548		54	80
6SP30/26	26	2739	—	1089	—	3828		58	90
6SP30/29	26	3024	—	1089	—	4113		65	90
6SP30/32	30	3309	—	1159	—	4468		71	95
6SP30/35	30	3594	—	1159	—	4753		77	95



6SP46 Performance curve

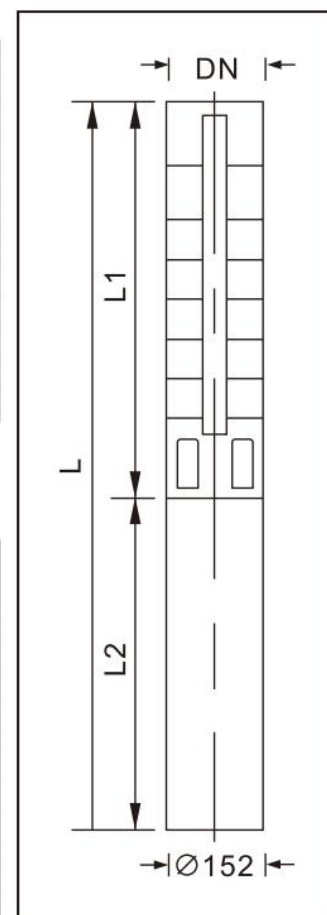


Runtime performance data

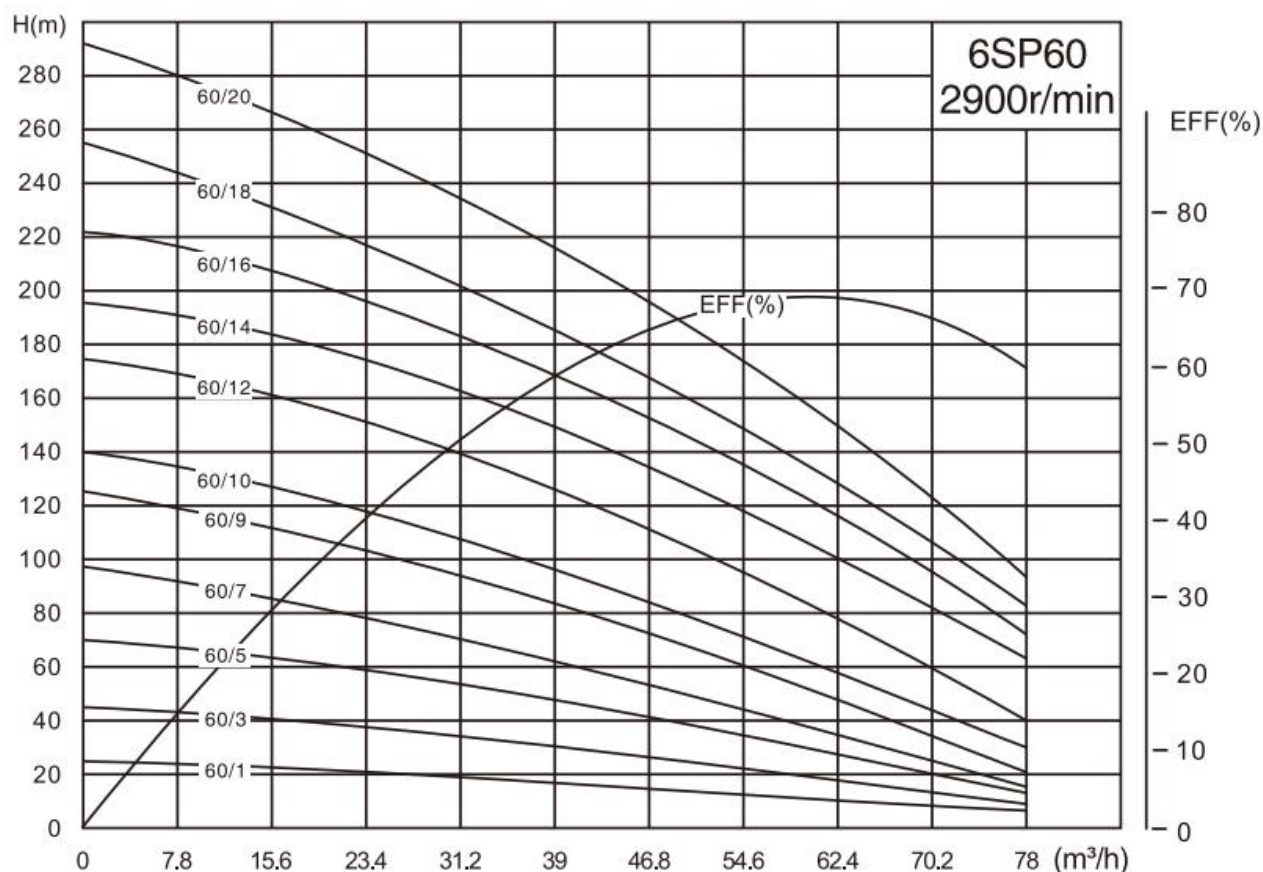
Type	Power	Q(m³/h)	0	15	24	30	46	60
6SP46/2	3	H(m)	28	27	24	22	17	10
6SP46/3	5.5		44	41	39	36	26	17
6SP46/5	7.5		66	64	55	53	44	24
6SP46/7	11		98	86	85	80	61	37
6SP46/10	15		137	134	117	107	88	50
6SP46/12	18.5		165	162	142	130	105	85
6SP46/15	22		212	208	180	167	132	100
6SP46/17	26		234	222	200	186	149	105
6SP46/19	30		260	248	224	208	167	118
6SP46/22	37		302	288	260	241	193	123
6SP46/24	37		330	317	287	265	211	140

Installation Dimensions

Type	Power	L1(mm)	L2(mm)		L=L1+L2		DN	Pump Weight	Motor Weight
			4"	6"	4"	6"			
6SP46/2	3	496	557	584	1053	1080	3"	8	17.6/25.5
6SP46/3	5.5	609	712	573	1321	1182		10	25.7/44
6SP46/5	7.5	835	847	603	1682	1438		15	32.3/48
6SP46/7	11	1061	—	683	—	1744		20	57.0
6SP46/10	15	1400	—	847	—	2247		28	65.0
6SP46/12	18.5	1626	—	922	—	2548		33	71
6SP46/15	22	1965	—	999	—	2964		40	80
6SP46/17	26	2191	—	1089	—	3280		45	90
6SP46/19	30	2417	—	1159	—	3576		50	95
6SP46/22	37	2756	—	1299	—	4055		58	105
6SP46/24	37	2982	—	1299	—	4281		63	105



6SP60 Performance curve

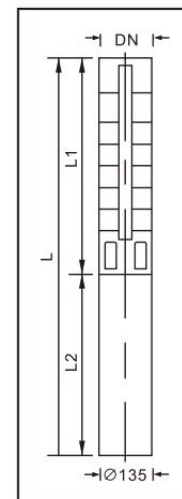


Runtime performance data

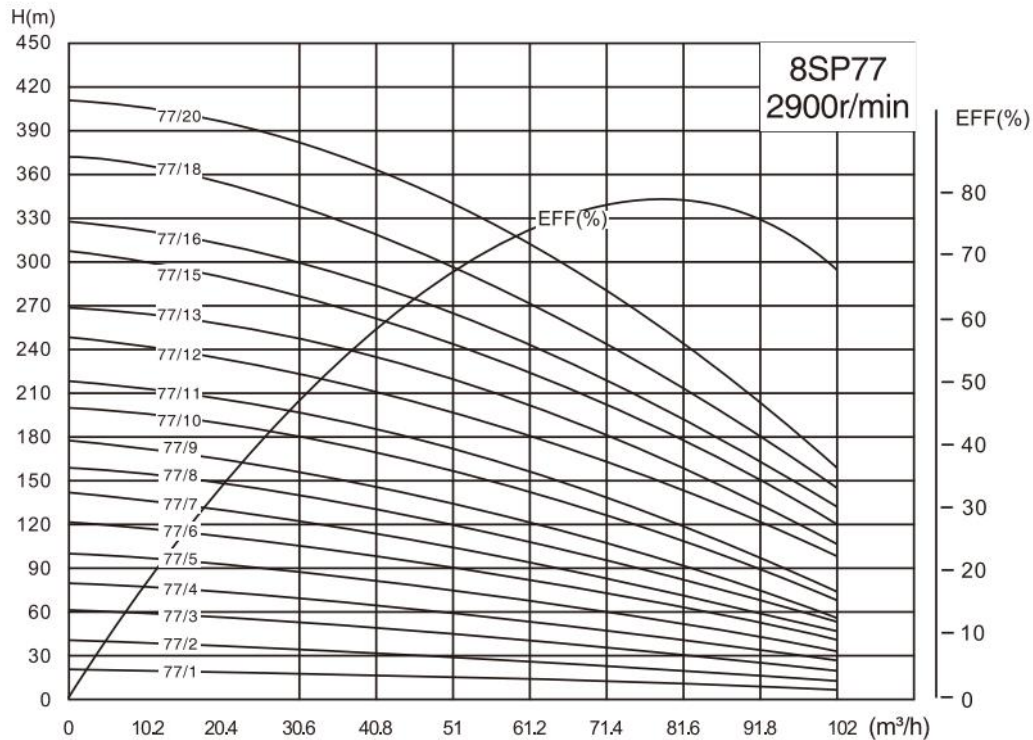
Type	Power	Q(m³/h)	0	18	27	42	60	78
6SP60/1	2.2	H(m)	25	22	21	16	8	7
6SP60/3	5.5		45	44	40	30	23	9
6SP60/5	9.2		70	67	62	50	38	13
6SP60/7	13		97	94	86	70	54	15
6SP60/9	18.5		125	120	110	93	70	21
6SP60/10	18.5		140	135	125	102	77	30
6SP60/12	22		174	162	145	115	93	40
6SP60/14	26		194	188	175	142	108	63
6SP60/16	30		222	216	200	162	124	72
6SP60/18	37		255	243	226	190	140	83
6SP60/20	37		288	267	248	201	155	90

Installation Dimensions

Type	Power	L1(mm)	L2(mm)		L=L1+L2		DN	Pump Weight	Motor Weight
			4"	6"	4"	6"			4"/6"
6SP60/1	2.2	383	455	—	838	—	4"	6	14.3
6SP60/3	5.5	609	712	573	1321	1182		11	25.7/44
6SP60/5	9.2	835	—	653	—	1488		15	51.0
6SP60/7	13	1061	—	796	—	1857		20	60.0
6SP60/9	18.5	1287	—	922	—	2209		24	71
6SP60/10	18.5	1400	—	922	—	2322		27	71
6SP60/12	22	1626	—	999	—	2625		31	80
6SP60/14	26	1852	—	1089	—	2941		36	90
6SP60/16	30	2078	—	1159	—	3237		40	95
6SP60/18	37	2304	—	1299	—	3603		45	105
6SP60/20	37	2530	—	1299	—	3829		49	105



8SP77 Performance curve

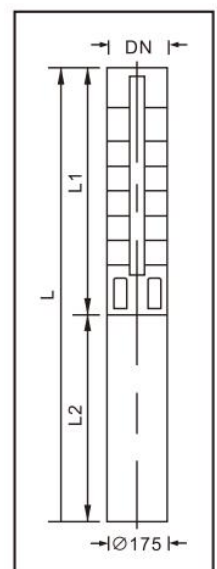


Runtime performance data

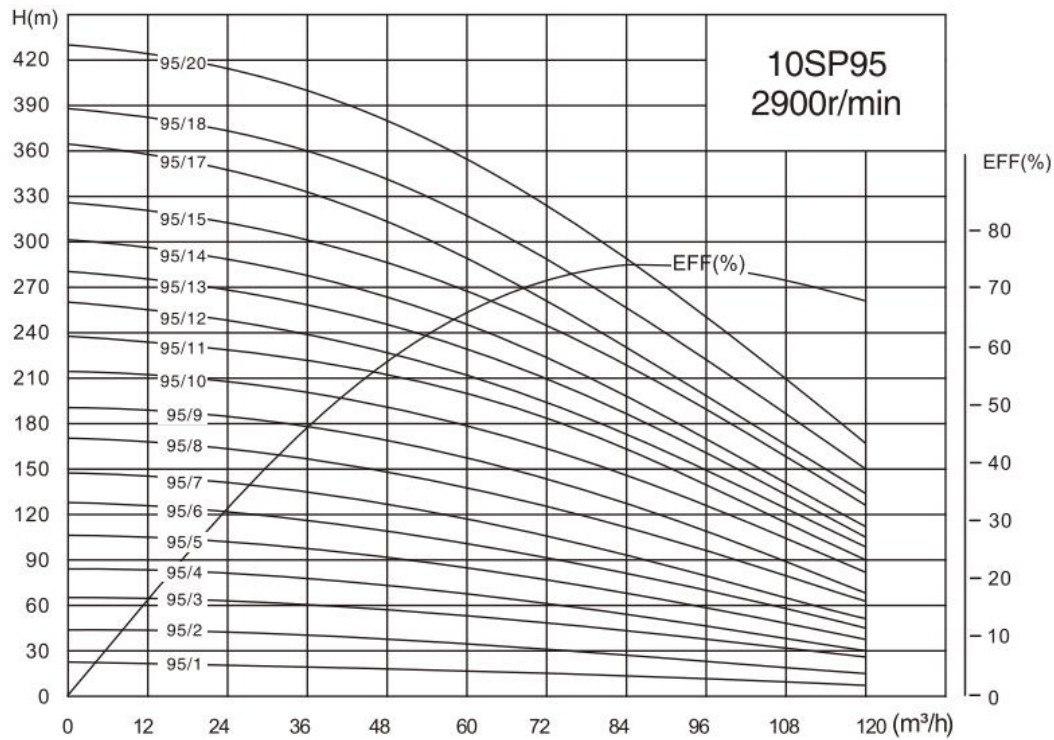
Type	Power	Q(m³/h)	0	18	36	54	77	102
8SP77/1	5.5	H(m)	21	19.5	17	14	13	7
8SP77/2	7.5		41	37	33	28	26	13
8SP77/3	11		61	57	50	43	39	20
8SP77/4	15		80	76	67	53	53	27
8SP77/5	18.5		100	94	84	73	66	33
8SP77/6	22		121	113	101	88	79	40
8SP77/7	26		142	133	120	104	93	47
8SP77/8	30		159	150	135	117	106	53
8SP77/9	30		177	167	152	131	119	58
8SP77/10	37		200	188	168	145	133	68
8SP77/11	37		218	207	186	159	146	74
8SP77/12	45		249	240	217	190	159	99
8SP77/13	55		269	259	235	205	172	107
8SP77/15	55		308	298	273	237	199	120
8SP77/16	64		328	318	290	252	212	132
8SP77/18	64		372	359	328	285	239	147
8SP77/20	75		410	397	364	315	266	159

Installation Dimensions

Type	Power	L1(mm)	L2(mm)		L=L1+L2		DN	Pump Weight	Motor Weight
			6"	8"	6"	8"			6"/8"
8SP77/1	5.5	392	573	690	965	1082	5"	13	44/88
8SP77/2	7.5	496	603	700	1099	1196		16	48/89
8SP77/3	11	600	683	753	1283	1353		20	57/94
8SP77/4	15	704	847	775	1551	1479		23	65/100
8SP77/5	18.5	808	922	805	1730	1613		26	71/105
8SP77/6	22	912	999	865	1911	1777		29	80/117
8SP77/7	26	1016	1089	920	2105	1936		32	90/127
8SP77/8	30	1120	1159	995	2279	2115		35	95/145
8SP77/9	30	1224	1159	995	2383	2219		39	95/145
8SP77/10	37	1328	1299	1005	2627	2333		42	105/157
8SP77/11	37	1432	1299	1005	2731	2437		45	105/157
8SP77/12	45	1536	1399	1105	2935	2641		48	106/172
8SP77/13	55	1640	—	1205	—	2845		51	202
8SP77/15	55	1848	—	1205	—	3053		58	202
8SP77/16	64	1952	—	1375	—	3327		61	215
8SP77/18	64	2160	—	1375	—	3535		67	215
8SP77/20	75	2368	—	1425	—	3793		73	225



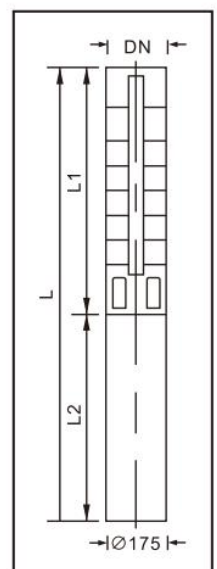
10SP95 Performance curve



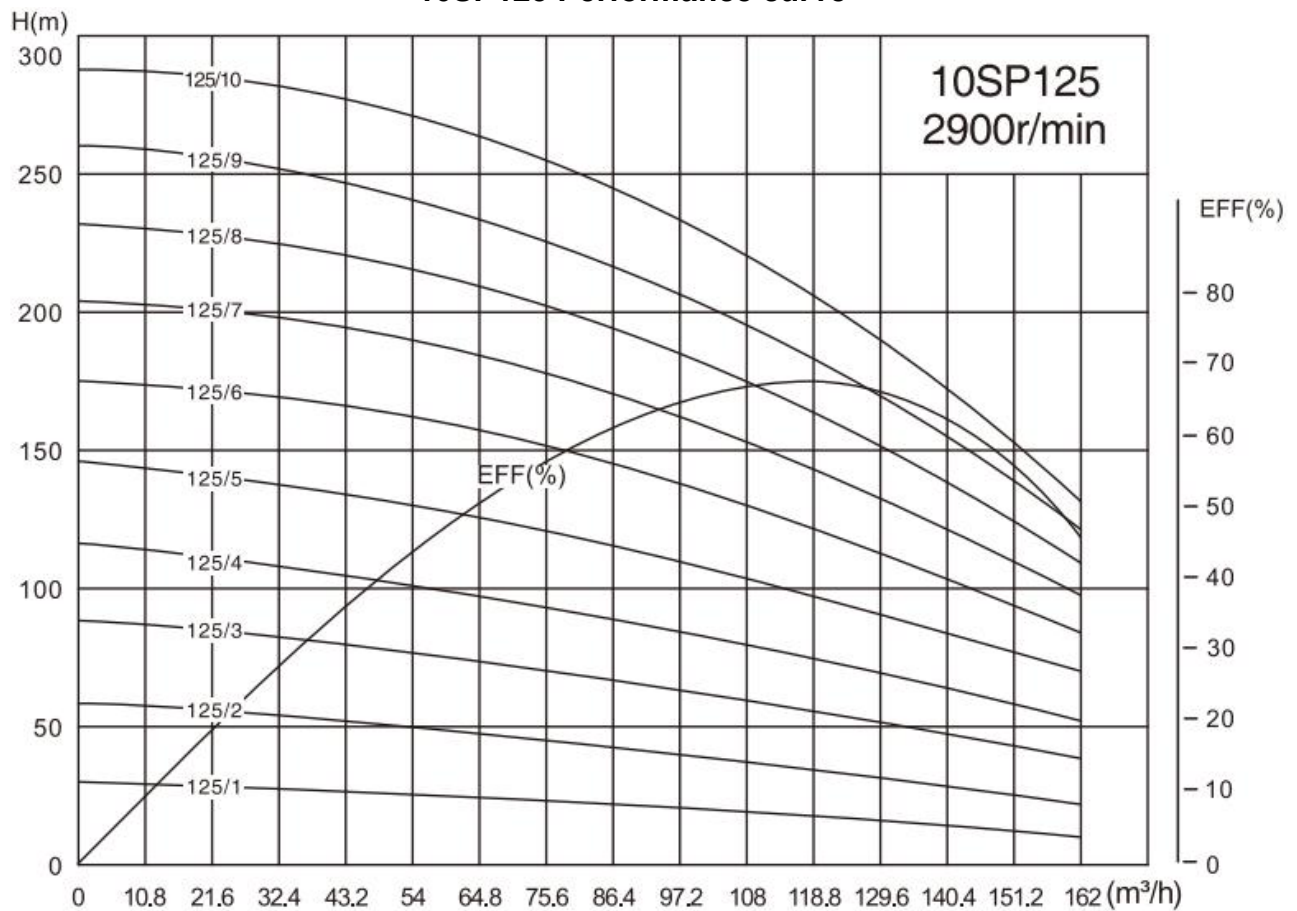
Type	Power	Q(m³/h)	0	18	36	60	95	120
8SP95/1	5.5	H(m)	22	21	18	15	12	8
8SP95/2	9.2		43	41	37	31	24	15
8SP95/3	13		65	62	57	47	36	26
8SP95/4	18.5		84	82	75	62	48	30
8SP95/5	22		106	102	94	77	60	38
8SP95/6	26		128	123	114	94	72	46
8SP95/7	30		147	143	132	110	84	53
8SP95/8	37		170	164	152	126	96	62
8SP95/9	37		190	182	169	140	108	68
8SP95/10	45		215	206	190	162	120	82
8SP95/11	55		238	230	212	180	132	90
8SP95/12	55		260	250	231	197	144	99
8SP95/13	55		280	268	250	210	156	106
8SP95/14	64		301	291	271	230	168	116
8SP95/15	75		325	312	292	248	180	126
8SP95/17	75		365	350	327	277	204	140
8SP95/18	90		388	372	350	296	216	150
8SP95/20	90		431	412	388	333	240	166

Installation Dimensions

Type	Power	L1(mm)	L2(mm)		L=L1+L2		DN	Pump Weight	Motor Weight
			4"	6"	4"	6"			4"/6"
8SP95/1	5.5	416	573	690	989	1106	5"	13	44/88
8SP95/2	9.2	544	653	710	1197	1254		17	51/90
8SP95/3	13	672	796	750	1468	1422		21	60/86
8SP95/4	18.5	800	922	805	1722	1605		25	71/105
8SP95/5	22	928	999	865	1927	1793		28	80/117
8SP95/6	26	1056	1089	920	2145	1976		32	90/127
8SP95/7	30	1184	1159	995	2343	2179		36	95/145
8SP95/8	37	1312	1299	1005	2611	2317		40	105/157
8SP95/9	37	1440	1299	1005	2739	2445		44	105/157
8SP95/10	45	1568	1399	1105	2967	2673		47	106/172
8SP95/11	55	1696	—	1205	—	2901		51	202
8SP95/12	55	1824	—	1205	—	3029		55	202
8SP95/13	55	1952	—	1205	—	3157		59	202
8SP95/14	64	2080	—	1375	—	3455		62	215
8SP95/15	75	2208	—	1425	—	3633		66	225
8SP95/17	75	2464	—	1425	—	3889		74	225
8SP95/18	90	2592	—	1535	—	4127		78	243
8SP95/20	90	2848	—	1535	—	4383		85	243



10SP125 Performance curve

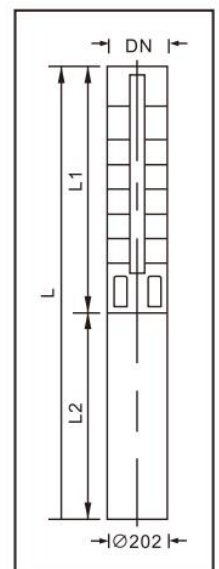


Runtime performance data

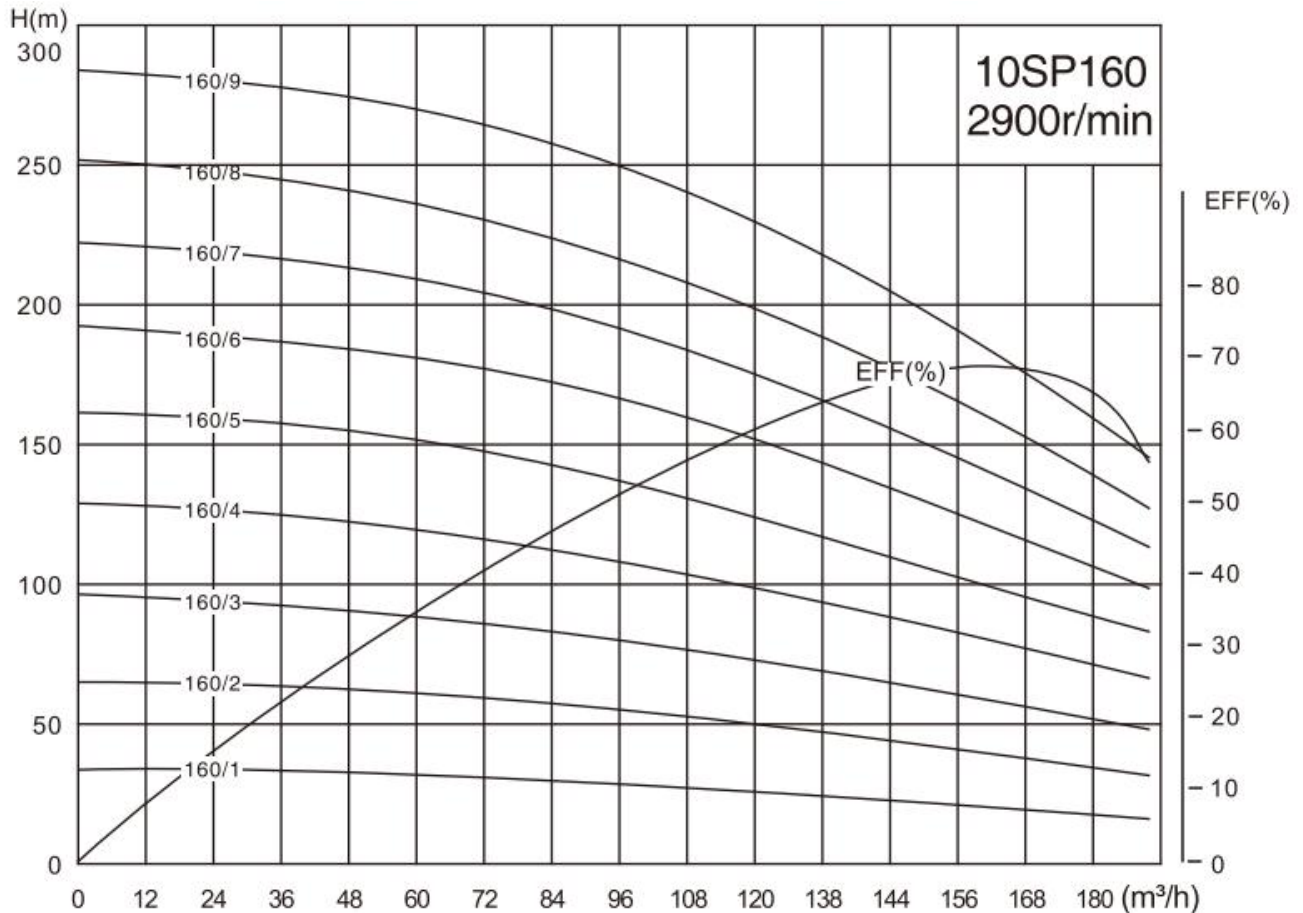
Type	Power	Q(m³/h)	0	60	70	80	90	100	125	140	150	160	162
10SP125/1	11	H(m)	30	27	25	24	23	22	20	17	15	13	12
10SP125/2	22		59	54	52	50	48	46	40	35	32	27	26
10SP125/3	30		88	80	77	74	72	69	60	53	47	40	39
10SP125/4	37		116	106	102	99	95	91	80	71	63	54	52
10SP125/5	55		146	137	132	127	123	118	100	93	84	72	70
10SP125/6	64		175	164	158	153	147	142	120	112	100	87	84
10SP125/7	75		204	191	184	178	172	165	140	130	117	101	97
10SP125/8	75		232	216	209	202	195	188	160	147	131	113	109
10SP125/9	90		260	242	234	226	218	209	180	163	146	125	121
10SP125/10	90		287	267	258	249	240	231	200	179	159	137	132

Installation Dimensions

Type	Power	L1(mm)	L2(mm)			L=L1+L2			DN	Pump Weight	Motor Weight
			6"	8"	10"	6"	8"	10"			6"/8"/10"
10SP125/1	11	592	683	753	—	1275	1345	—	6"	25	54/94/-
10SP125/2	22	738	999	865	—	1737	1603	—		32	80/117/-
10SP125/3	30	884	1159	995	1122	2043	1879	2006		40	95/145/198
10SP125/4	37	1030	1299	1005	1162	2329	2035	2192		48	105/157/211
10SP125/5	55	1176	—	1205	1272	—	2381	2448		56	202/248
10SP125/6	64	1322	—	1375	1332	—	2697	2654		63	—/215/268
10SP125/7	75	1468	—	1425	1422	—	2893	2890		70	—/225/298
10SP125/8	75	1614	—	1425	1422	—	3039	3036		78	—/225/298
10SP125/9	90	1760	—	1535	1532	—	3295	3292		86	—/243/335
10SP125/10	90	1906	—	1535	1532	—	3441	3438		93	—/243/335



10SP160 Performance curve



Runtime performance data

Type	Power	Q(m³/h)	0	80	90	100	110	120	130	160	170	180	190
10SP160/1	13	H(m)	34	28	26	25	24	23	22	20	19	18	16
10SP160/2	26		65	55	52	50	48	46	45	40	38	35	32
10SP160/3	37		96	82	78	75	72	70	68	60	57	53	48
10SP160/4	55		129	111	107	103	100	96	93	80	79	74	67
10SP160/5	64		161	139	133	129	124	120	116	100	98	91	83
10SP160/6	75		192	166	159	154	148	144	139	120	117	109	99
10SP160/7	90		222	191	184	177	171	166	161	140	135	125	113
10SP160/8	90		252	217	208	201	194	188	182	160	152	140	127
10SP160/9	110		284	246	236	220	220	213	206	180	172	160	145

Installation Dimensions

Type	Power	L1(mm)	L2(mm)			L=L1+L2			DN	Pump Weight	Motor Weight	
			6"	8"	10"	6"	8"	10"			6"/8"/10"	
10SP160/1	13	602	796	750	—	1398	1352	—	6"	34	60/750/-	
10SP160/2	26	758	1089	920	—	1847	1678	—		65	90/127/-	
10SP160/3	37	914	1299	1005	1162	2213	1919	2076		96	105/157/198	
10SP160/4	55	1070	—	1205	1272	—	2275	2342		129	—/202/248	
10SP160/5	64	1226	—	1375	1332	—	2601	2558		161	—/215/268	
10SP160/6	75	1382	—	1425	1422	—	2807	2804		192	—/225/298	
10SP160/7	90	1538	—	1535	1532	—	3073	3070		222	—/243/335	
10SP160/8	90	1694	—	1535	1532	—	3229	3226		252	—/243/335	
10SP160/9	110	1850	—	1655	1642	—	3505	3492		284	—/266/372	

