

SP 系列
不锈钢喷泉专用潜水电泵
50/60 Hz



DESHB
——德士比——

THE EXPERT OF FOUNTAIN PUMP
喷泉专用泵制造与应用方案解决专家
MANUFACTURE AND APPLICATION

DESHB



**HIGH-QUALITY PUMP
MANUFACTURES ADN SUPPLIERS**

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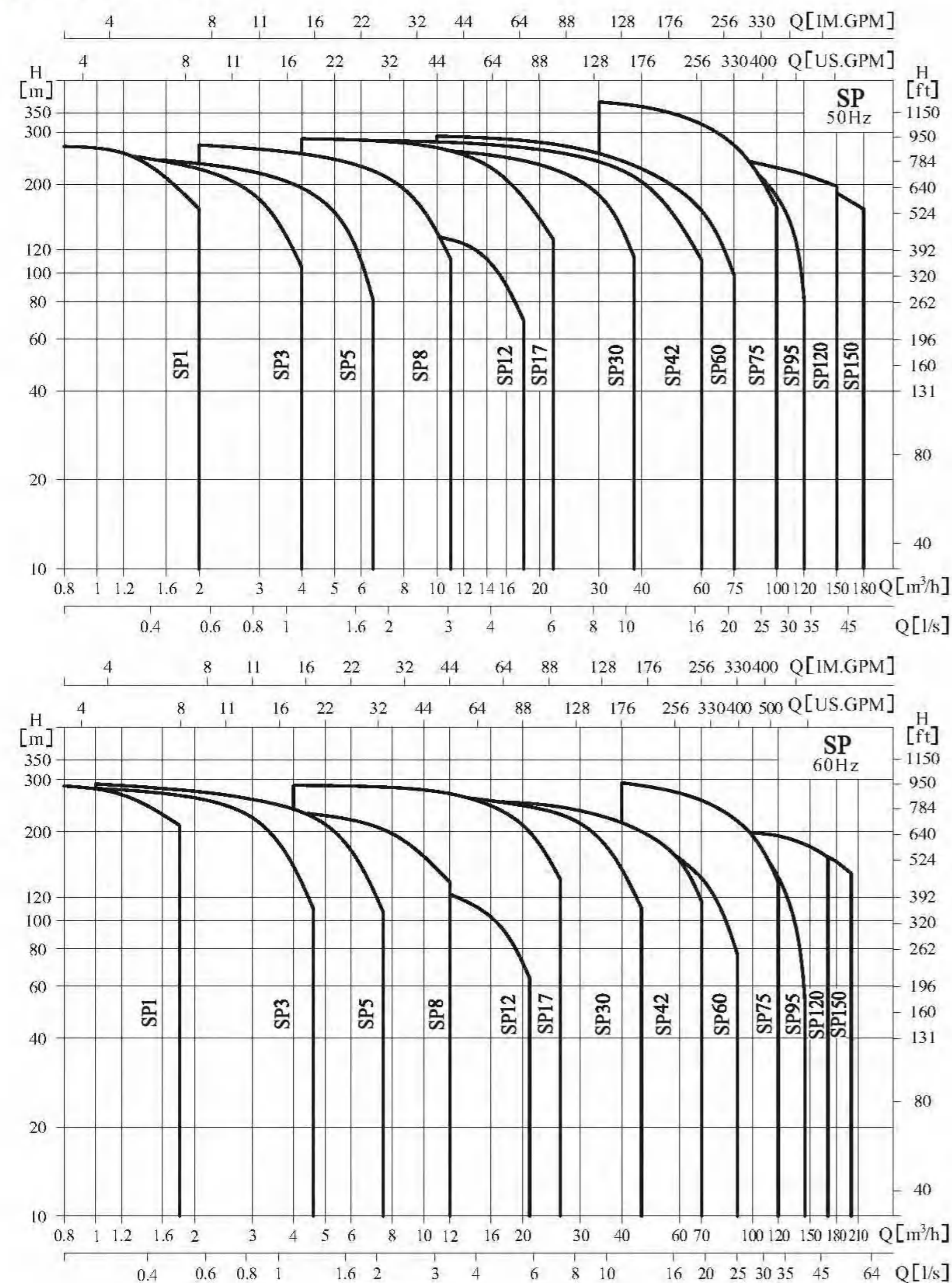
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● Performance scope



● Product range

Description	SJ1	SJ3	SJ5	SJ8	SJ12	SJ17	SJ30	SJ42	SJ60	SJ75	SJ95	SJ120	SJ150
50Hz													
Rated flow [m³/h]	1	3	5	8	12	17	30	42	60	75	95	120	150
Rated flow [l/s]	0.28	0.83	1.39	2.22	3.33	4.72	8.33	11.7	16.7	20.8	26.4	33.3	41.6
Flow range [m³/h]	0.2~2	0.8~4	1~6.5	2~11	3~18	4~22	5~38	5~60	10~75	30~100	40~120	60~150	80~180
Flow range [l/s]	0.06~0.56	0.22~1.1	0.28~1.8	0.56~3.1	0.83~5	1.11~6.1	1.39~10.6	1.39~16.7	2.8~20.8	8.3~27.8	11.1~33.3	16.6~41.6	22.2~50
Max pressure [bar]	28	25	24	27	16	26	28	28	29	38	34	25	23
Motor power [kW]	0.37~2.2	0.37~3	0.37~4	0.75~7.5	1.5~7.5	0.55~15	1.1~22	1.1~37	2.2~37	7.5~75	9.2~75	11~110	9.2~110
Max efficiency [%]	45	56	59	60	60	73	74	75	79	79	80	77	77
Pipe screw joint	Rp1¼	Rp1¼	Rp1½	Rp2	Rp2	Rp2½	Rp3	Rp3	Rp4	Rp5	Rp5	Rp6	Rp6
60Hz													
Rated flow [m³/h]	1	3	5	8	12	17	30	42	60	75	95	120	150
Rated flow [l/s]	0.28	0.83	1.39	2.22	3.33	4.72	8.33	11.7	16.7	20.8	26.4	33.3	41.6
Flow range [m³/h]	0.2~1.8	0.6~4.6	1.0~7.5	2~12	4~21	4~26	8~46	10~70	10~90	40~120	50~145	70~170	90~200
Flow range [l/s]	0.06~0.5	0.17~1.3	0.28~2.1	0.56~3.3	1.1~5.8	1.1~7.2	2.2~12.8	2.8~19.4	2.8~25	11.1~33.3	13.9~40.3	19.4~47.2	25~55.5
Max pressure [bar]	30	29	28	22	13	27	28	26	24	30	27	21	18
Motor power [kW]	0.37~3	0.37~4	0.55~5.5	0.75~7.5	1.5~7.5	1.1~15	1.5~22	3~37	3~37	13~75	15~75	15~110	15~110
Max efficiency [%]	45	58	59	60	61	74	75	75	79	79	80	77	77
Pipe screw joint	Rp1¼	Rp1¼	Rp1½	Rp2	Rp2	Rp2½	Rp3	Rp3	Rp4	Rp5	Rp5	Rp6	Rp6

● Typical applications

- Circulation or boosting for clean water, demineralized water.
- Water supply, irrigating system.
- Lowering ground water level.
- Boosting.
- Other industrial applications.

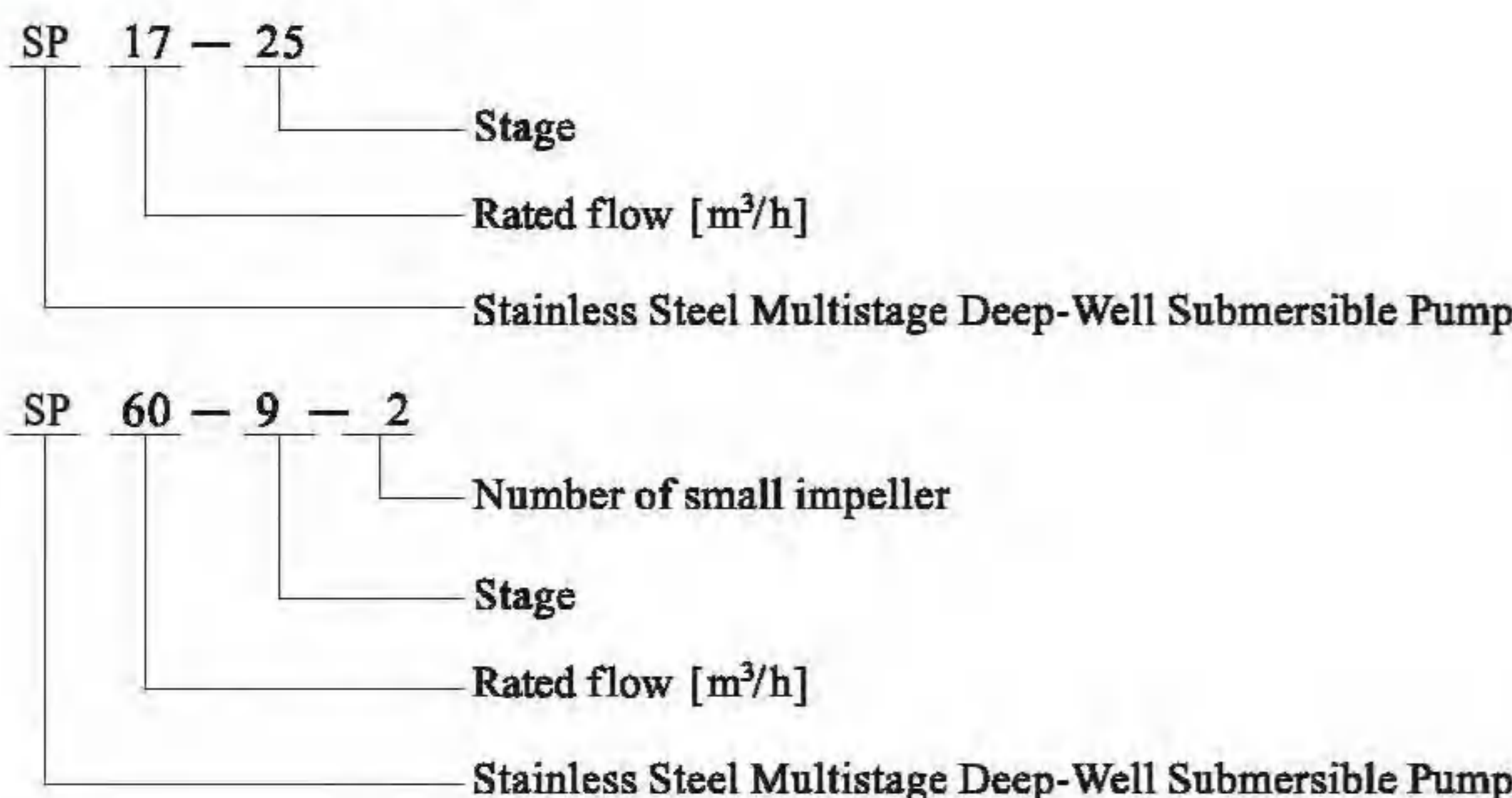
● Operation conditions

- Solid grain-or-fiber-free dilute clean non-corrosive liquids;
- Maximum liquid temperature: 35°C
- Maximum working pressure: 38 bar
- pH: 6.5~8.5
- Maximum diving depth: ≤50m

● NEMA Motor

- 4" Motor Stainless steel (there is bronze flange or ss flange)
Single phase: 0.37kW~1.5kW
Three phase: 0.37kW~7.5 kW
- 6" Motor Cast iron (Standard), Stainless steel (If required, need to specify) Three phase: 4kW~37kW
- 8" Motor Cast iron (Standard), Stainless steel (If required, need to specify) Three phase: 5.5kW~110 kW

● Definition of Model



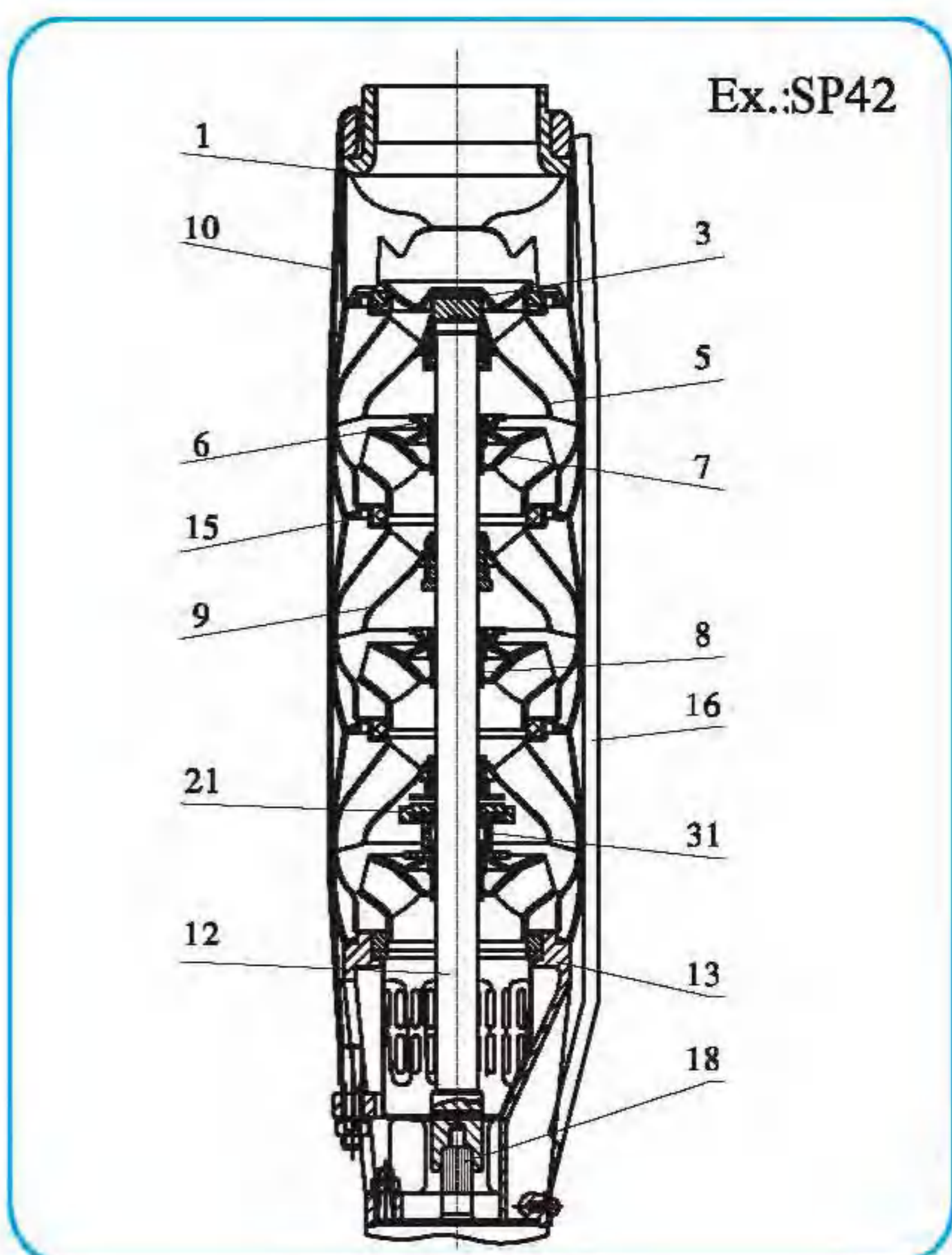
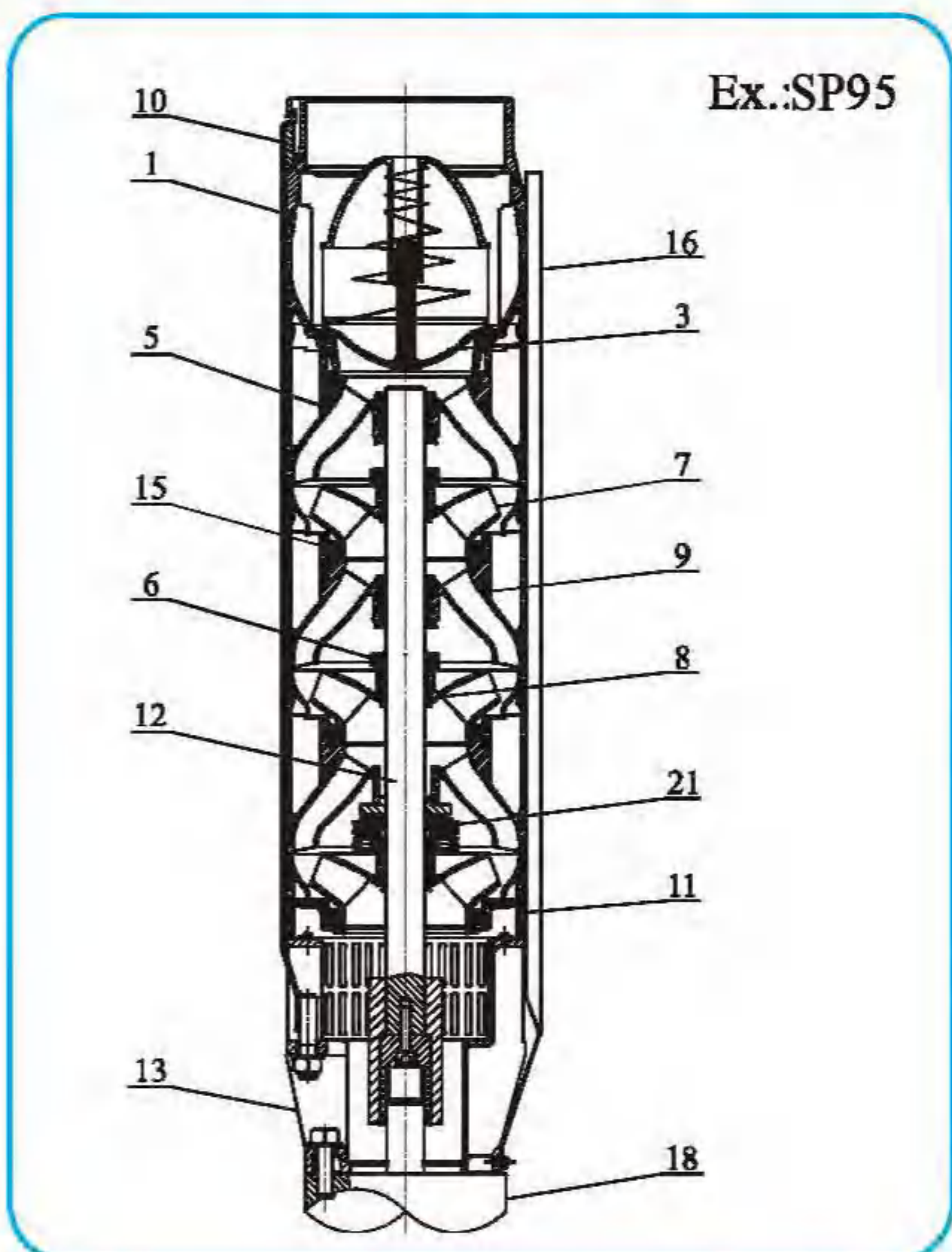
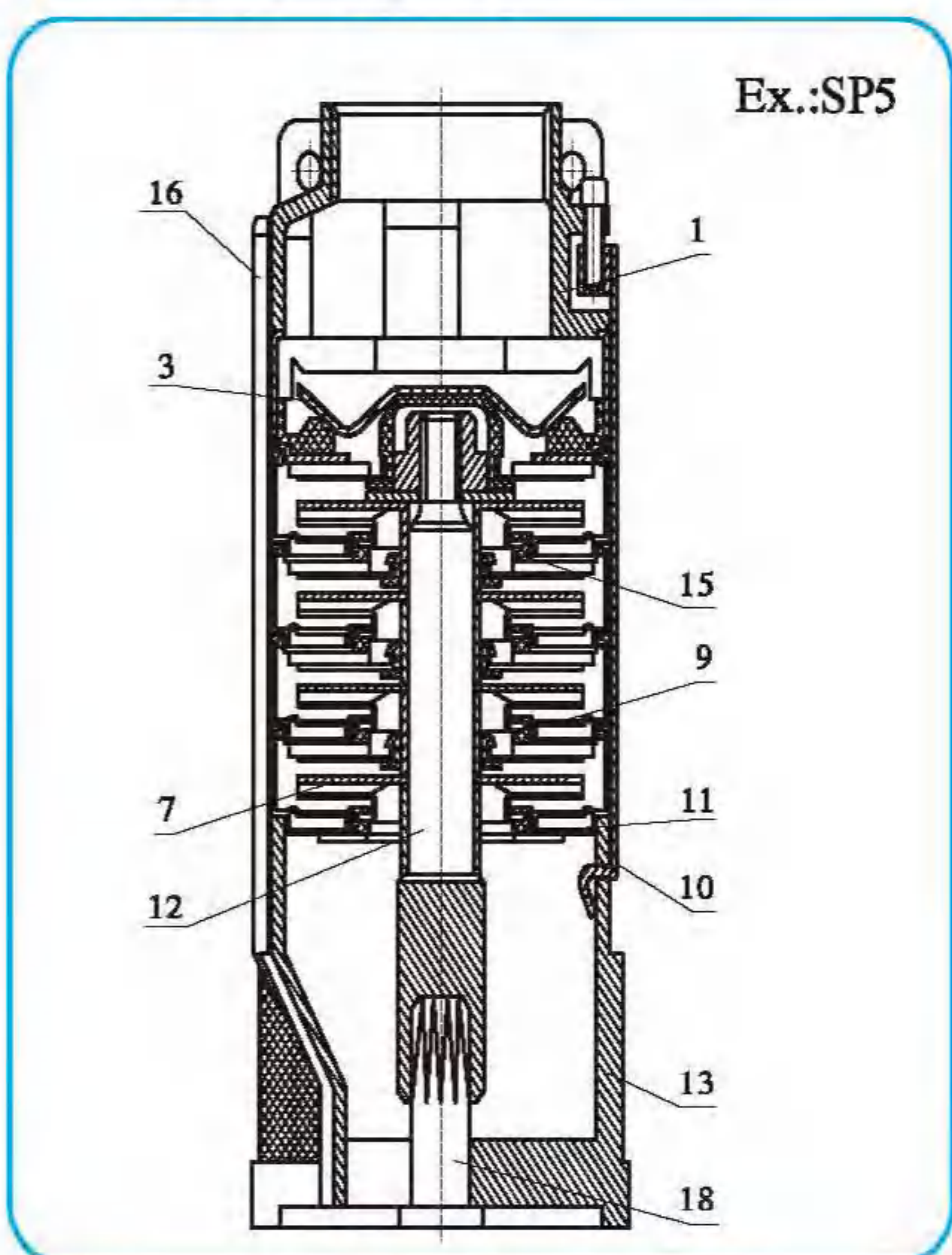
● Curve conditions

- The curve tolerance complies with ISO9906 Annex A.
- All curves are based on the measured values of 50Hz: constant motor speed 2850r/min or 2900r/min, 60Hz: constant motor speed 3440r/min or 3500r/min.
- All measurements are carried out with gas-free water of temperature 20°C. The curve is applicable to kinematic viscosity 1mm²/s. In case density of the liquid conveyed by the pump is higher than that of water, it is necessary to use corresponding motor of higher output power.
- The coarse part of the curve means the recommended performance scope.
- The performance curve includes loss caused by check valve etc.

● Performance curve

- Q/H curve means flow and head under the rated speed.
- Power curve: P2 means input power of each grade, Curves are shown for complete (1/1) and for reduced diameter (2/3) impellers.
- Efficiency curve: Eta means the stage efficiency of the pump

● Section drawing

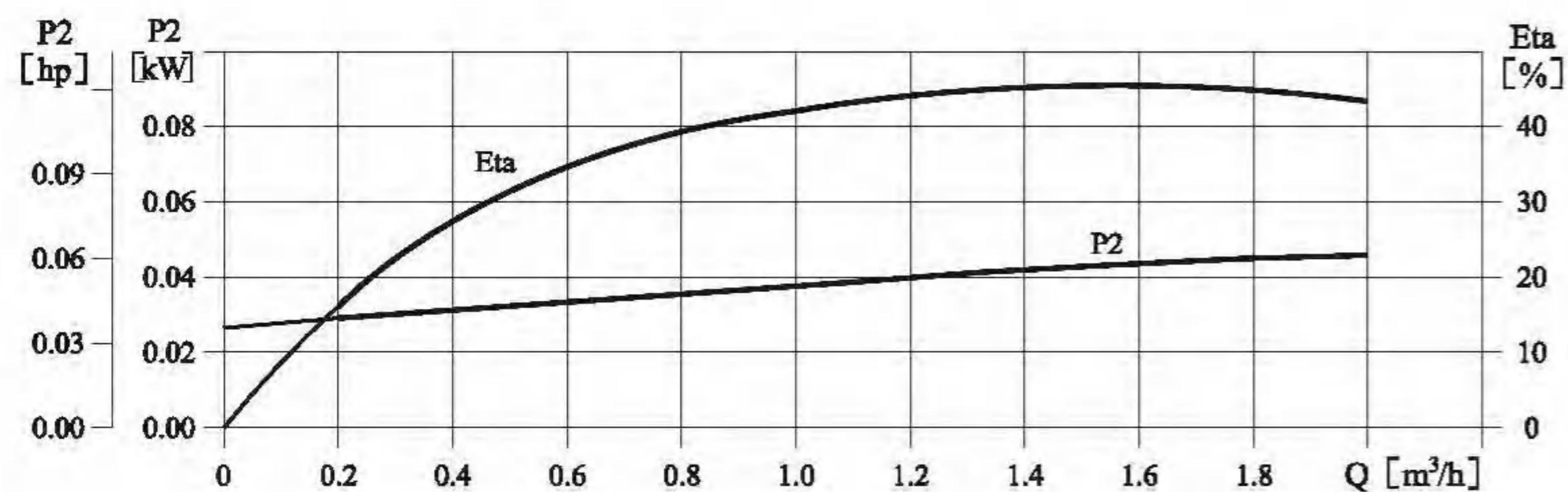
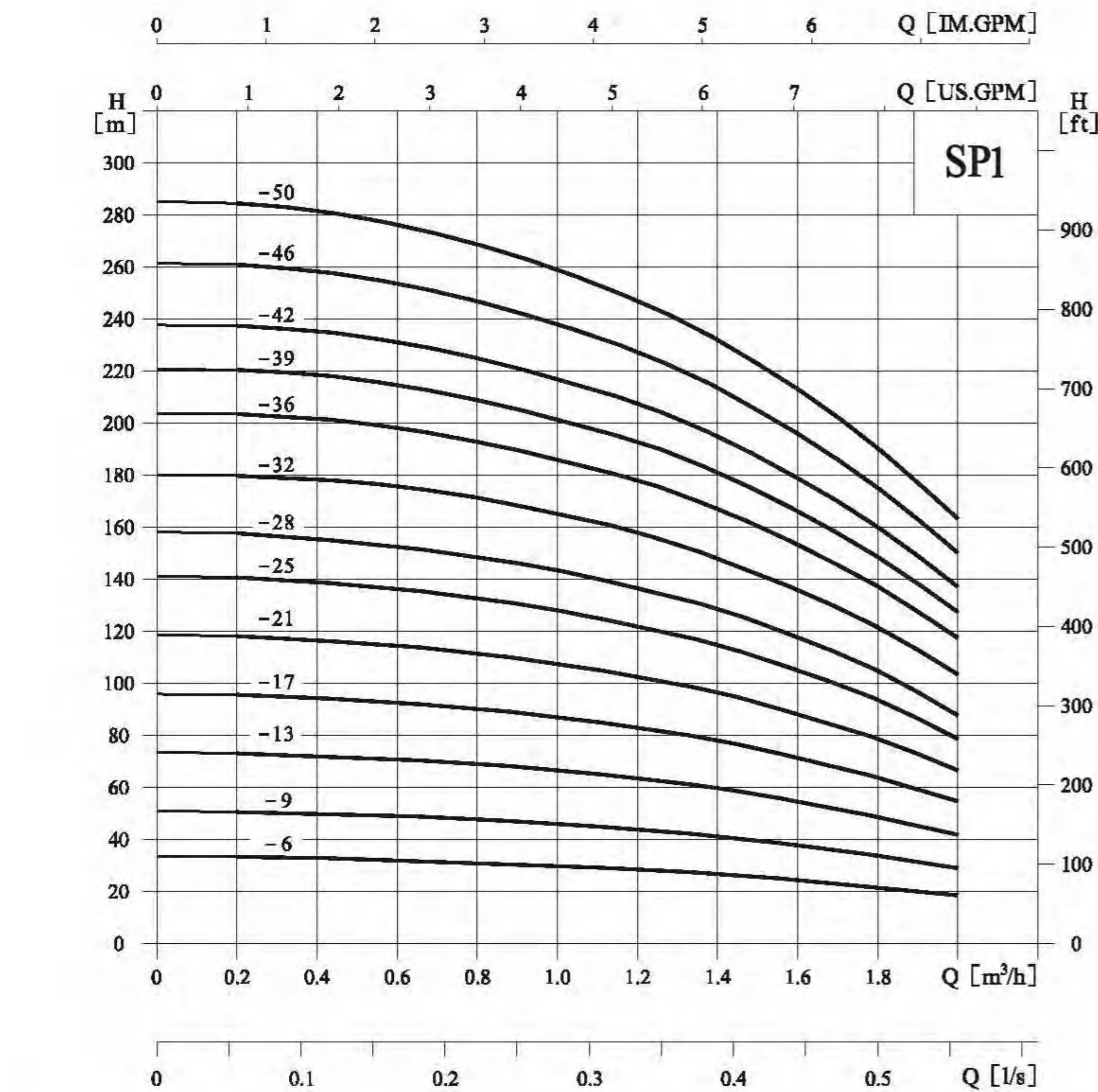


● Material

NO.	Name	Material	AISI
1	Discharge head	SS304	AISI304
3	Valve cap	SS304	AISI304
5	Discharge diffuser	SS304	AISI304
6	Impeller nut	SS304	AISI304
7	Impeller	SS304	AISI304
8	Impeller cone	SS304	AISI304
9	Diffuser	SS304	AISI304
10	Straps	SS304	AISI304
11	Inducer	SS304	AISI304
12	Pump shaft	SS304/420/431	AISI304/420/431
13	Suction Interconnector	SS304	AISI304
15	Neck ring	PBT/NBR	
16	Cable guard	SS304	AISI304
18	Submersible motor		
21	Inlet spacer	Carbon	
31	Connecting sleeve	SS304	AISI304

Performance curve

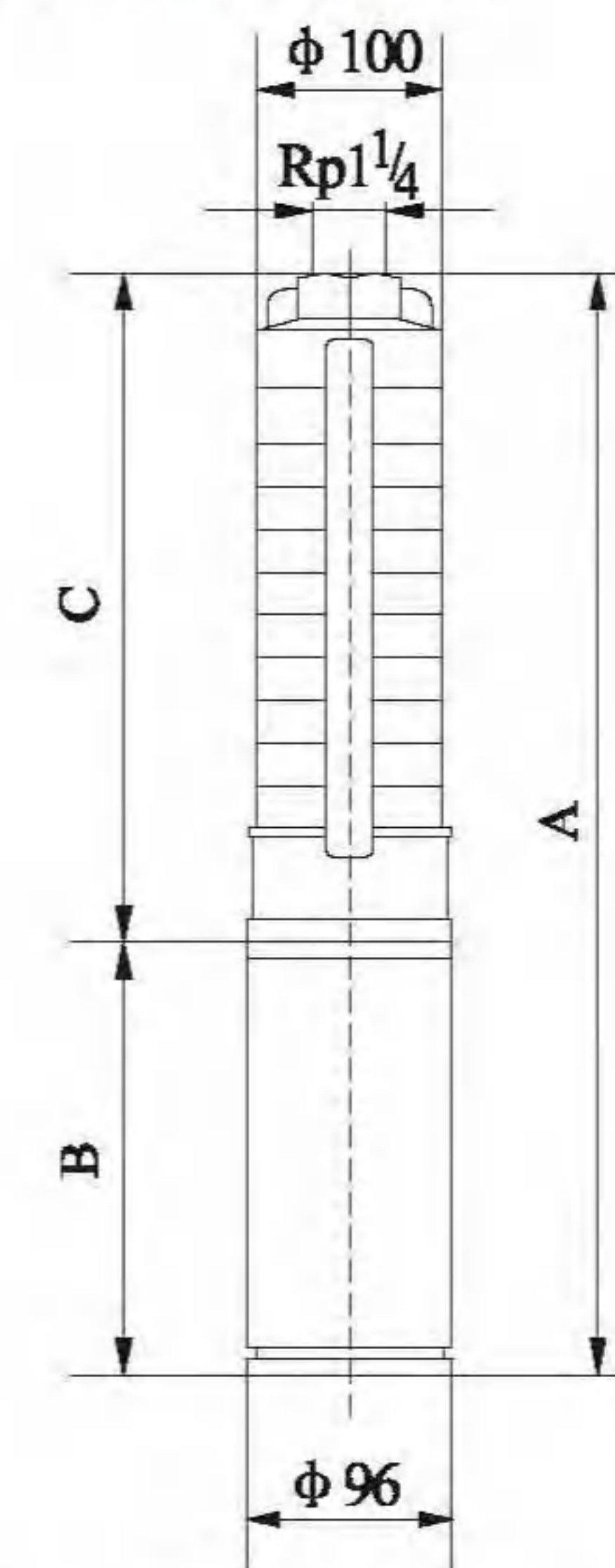
ISO9906 Annex A 2850rpm



Performance table

Model	Driving motor		Q (m³/h)	0.2	0.4	0.6	0.8	1.0	1.2	1.4	1.6	1.8	2.0
	(kW)	(hp)											
SP1-6	0.37	0.5	H (m)	33.5	33	32	31	30	29	27	25	22	19
SP1-9	0.37	0.5		51	50	49	48	46	44	41	38	34	29
SP1-13	0.55	0.75		73	72	71	69	67	64	60	55	49	42
SP1-17	0.75	1		96	95	92	90	87	84	78	71	64	55
SP1-21	1.1	1.5		119	118	115	112	108	103	97	89	80	69
SP1-25	1.1	1.5		141	140	137	134	129	123	116	106	95	82
SP1-28	1.5	2		158	157	153	150	145	138	130	119	107	92
SP1-32	1.5	2		180	179	175	171	165	158	148	136	122	105
SP1-36	1.5	2		203	202	197	192	186	178	167	153	137	118
SP1-39	2.2	3		221	219	214	209	202	193	181	166	149	128
SP1-42	2.2	3		238	236	230	225	217	208	195	179	160	137
SP1-46	2.2	3		260	258	252	246	238	227	213	196	176	151
SP1-50	2.2	3		284	282	276	269	260	248	233	214	192	165

Installation sketch



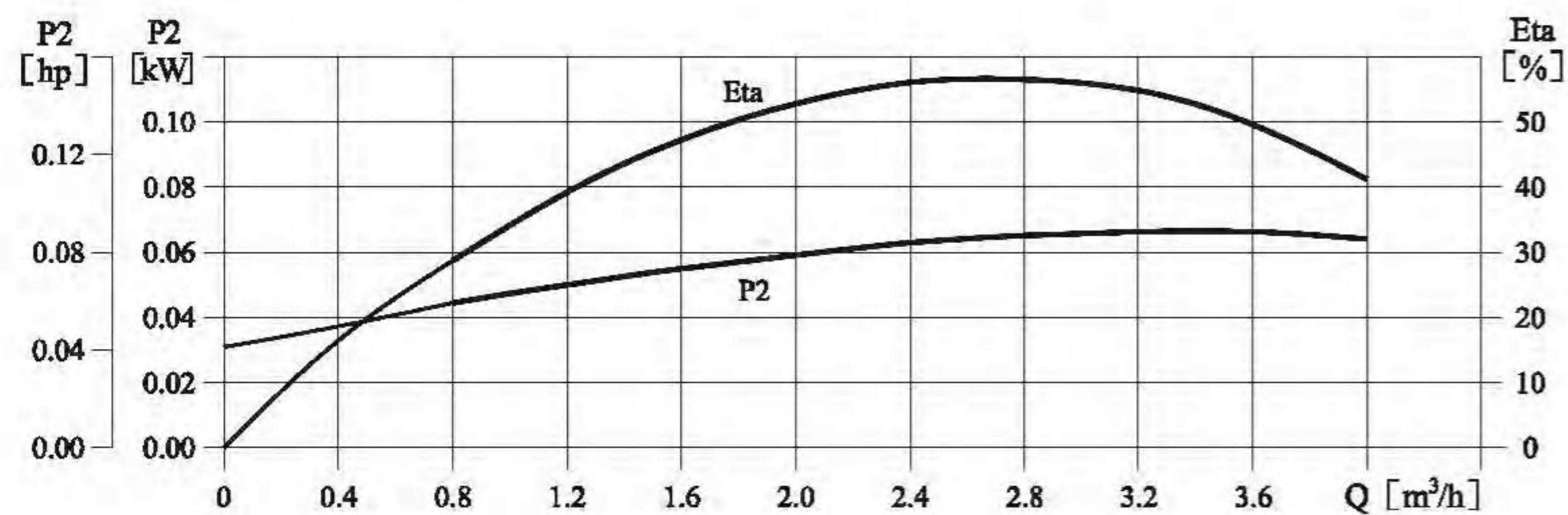
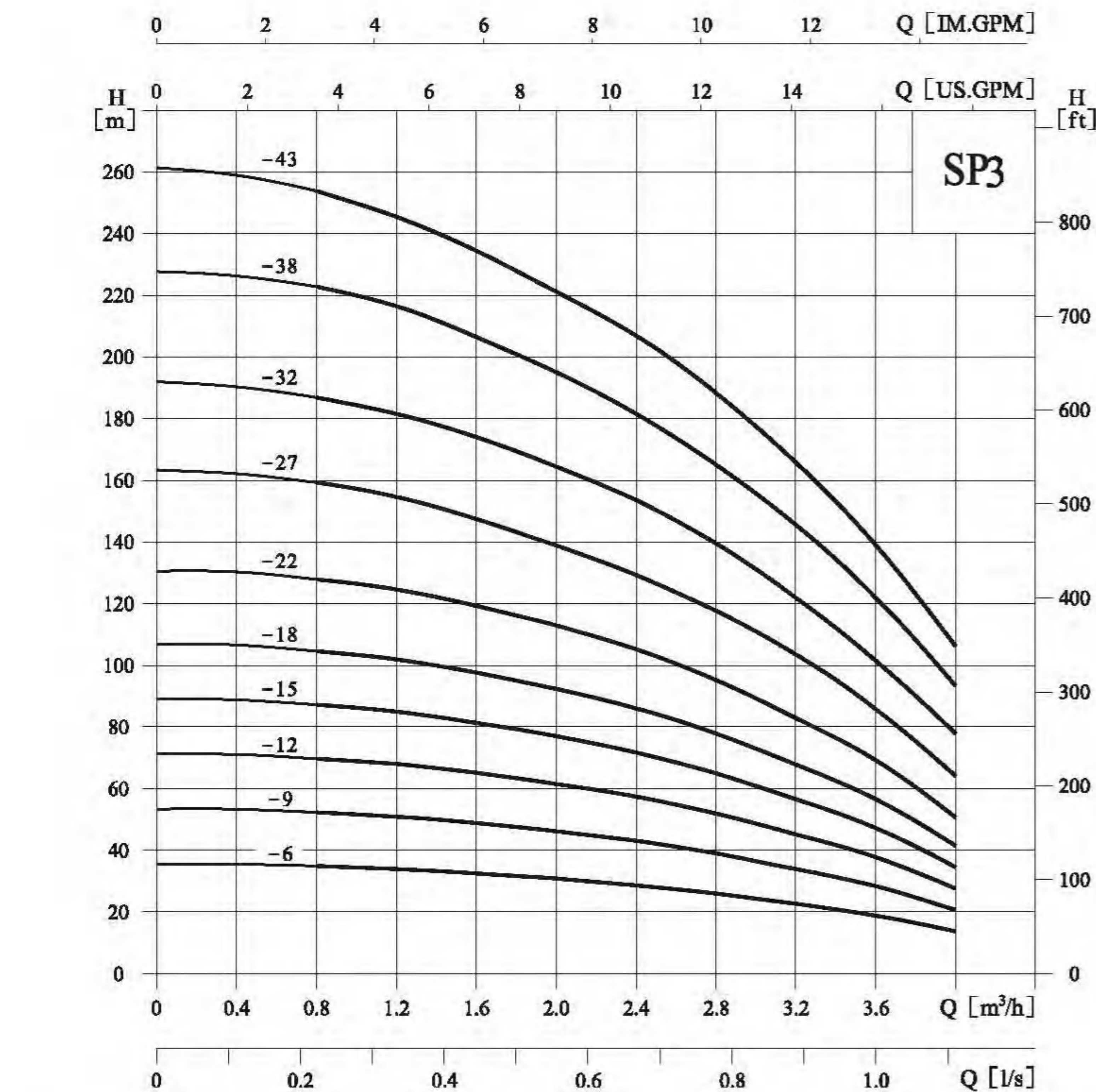
Size and weight

Model	Size(mm)			Weight (kg)
	A	B	C	
SP1-6	667	370	297	12
SP1-9	730	370	360	13
SP1-13	824	380	444	15
SP1-17	928	400	528	17
SP1-21	1052	440	612	19
SP1-25	1136	440	696	20
SP1-28	1229	470	759	23
SP1-32	1313	470	843	24
SP1-36	1397	470	927	25
SP1-39	1500	510	990	29
SP1-42	1563	510	1053	30
SP1-46	1647	510	1137	31
SP1-50	1731	510	1221	32

Note: The size B is varied with the motors of different manufacturers.

Performance curve

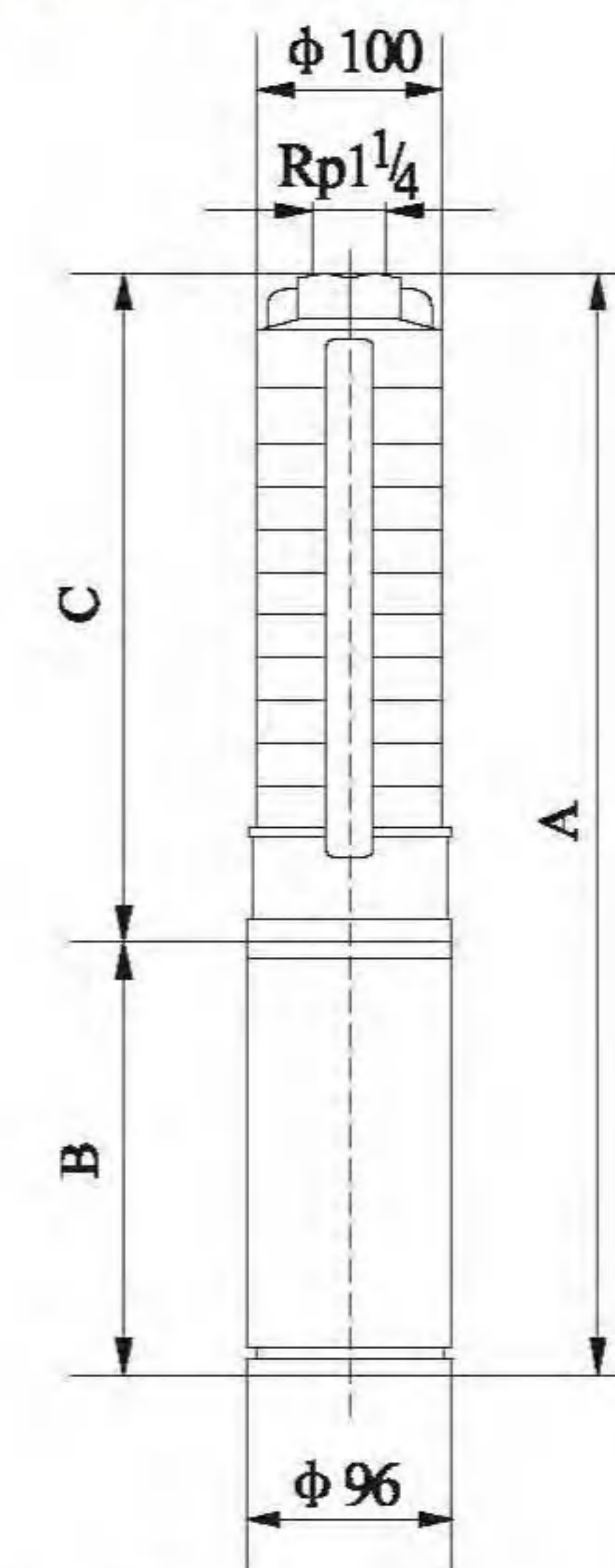
ISO9906 Annex A 2850rpm



Performance table

Model	Driving motor		Q (m³/h)	0.8	1.2	1.6	2.0	2.4	2.8	3.0	3.2	3.6	4.0
	(kW)	(hp)											
SP3-6	0.37	0.5	H (m)	36	34	32	30	28	26	24	23	18	13
SP3-9	0.55	0.75		53	51	48	45	42	38	36	33	27	20
SP3-12	0.75	1		70	68	64	61	57	52	49	44	37	27
SP3-15	1.1	1.5		87	85	81	77	72	65	61	56	47	34
SP3-18	1.1	1.5		105	103	97	92	87	78	74	68	57	42
SP3-22	1.5	2		130	126	120	113	106	96	91	84	70	53
SP3-27	2.2	3		159	154	146	138	130	118	111	104	87	66
SP3-32	2.2	3		189	183	173	163	154	140	131	122	102	79
SP3-38	3.0	4		224	217	205	194	183	168	157	146	122	94
SP3-43	3.0	4		254	246	233	220	207	190	178	166	139	107

Installation sketch



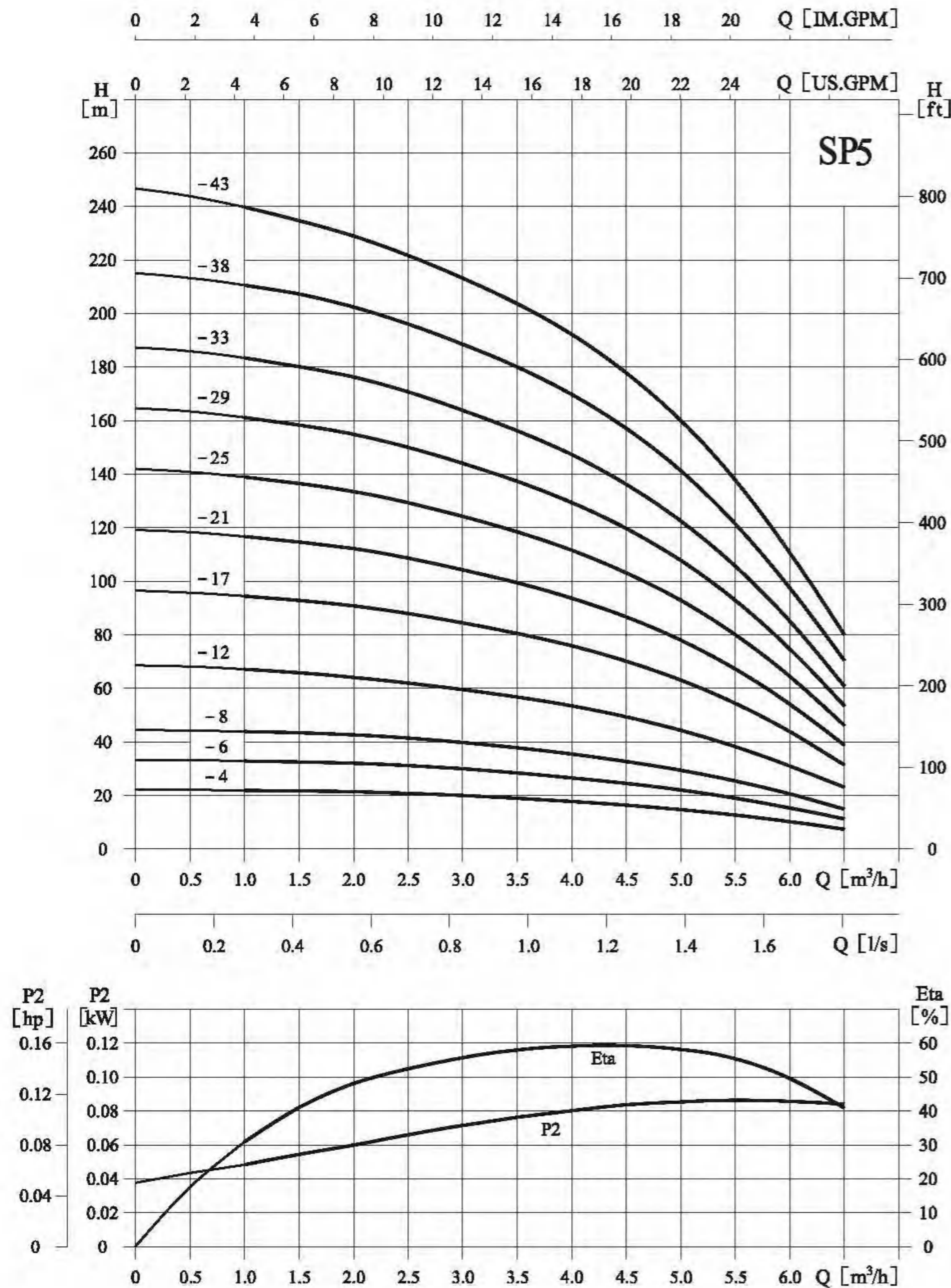
Size and weight

Model	Size(mm)			Weight (kg)
	A	B	C	
SP3-6	667	370	297	12
SP3-9	740	380	360	13
SP3-12	823	400	423	16
SP3-15	926	440	486	18
SP3-18	999	440	549	19
SP3-22	1103	470	633	22
SP3-27	1248	510	738	27
SP3-32	1353	510	843	28
SP3-38	1589	620	969	31
SP3-43	1694	620	1074	32

Note: The size B is varied with the motors of different manufacturers.

Performance curve

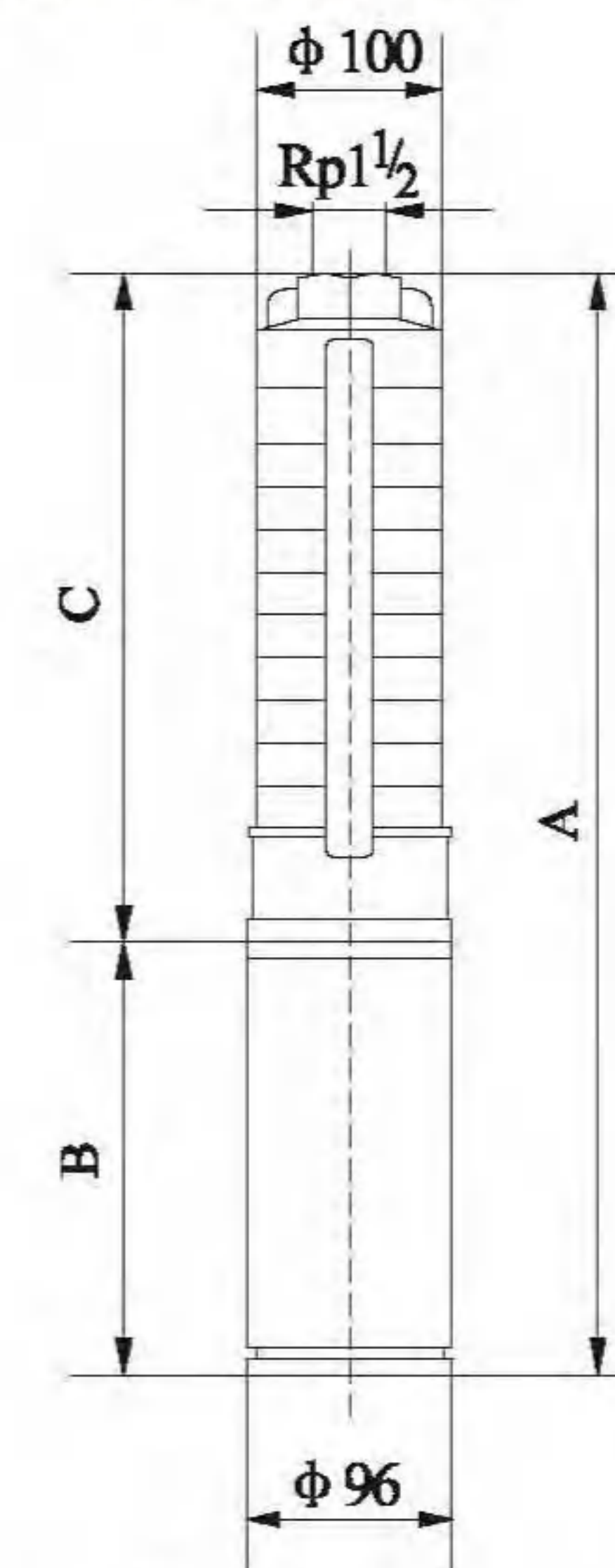
ISO9906 Annex A 2850rpm



Performance table

Model	Driving motor		Q (m³/h)	1.0	2.0	3.0	3.5	4.0	4.5	5.0	5.5	6.0	6.5
	(kW)	(hp)											
SP5-4	0.37	0.5	H (m)	21	20.5	20	19	18	17	15	13	10	8
SP5-6	0.55	0.75		32	31	30	28	27	25	22	19	15	11
SP5-8	0.75	1		43	42	40	38	36	33	30	25	20	15
SP5-12	1.1	1.5		66	63	59	57	54	50	45	38	30	23
SP5-17	1.5	2		95	91	84	80	76	71	64	54	43	32
SP5-21	2.2	3		117	112	104	99	94	87	79	67	53	39
SP5-25	2.2	3		139	134	124	118	112	104	94	80	64	47
SP5-29	3.0	4		161	155	144	137	130	120	108	92	74	55
SP5-33	3.0	4		183	177	163	156	148	137	123	105	84	62
SP5-38	4.0	5.5		211	203	188	178	170	158	142	121	97	71
SP5-43	4.0	5.5		239	230	213	203	193	179	161	137	109	81

Installation sketch



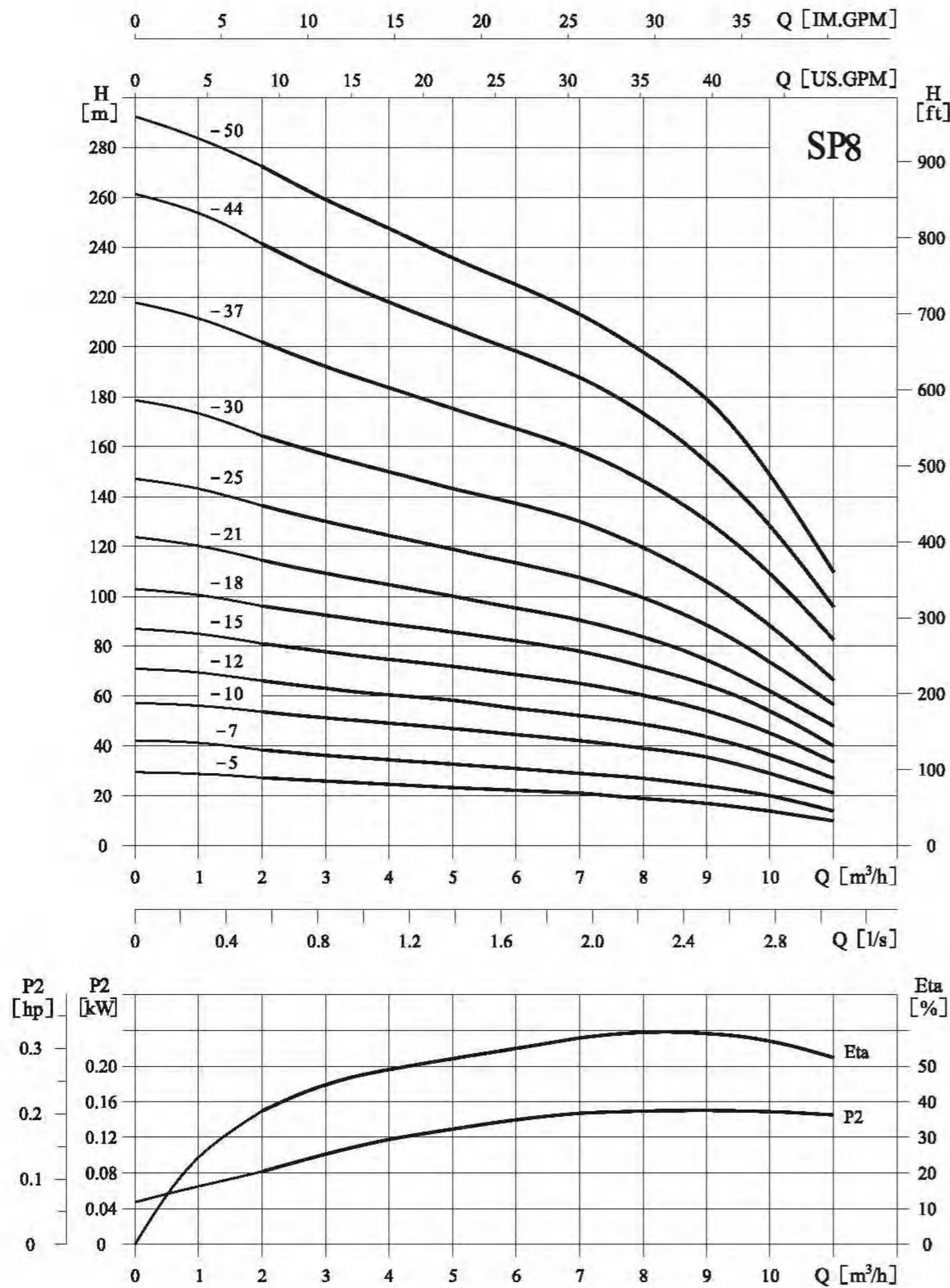
Size and weight

Model	Size(mm)			Weight (kg)
	A	B	C	
SP5-4	625	370	255	12
SP5-6	677	380	297	13
SP5-8	739	400	339	15
SP5-12	863	440	423	17
SP5-17	998	470	528	21
SP5-21	1122	510	612	26
SP5-25	1206	510	696	27
SP5-29	1400	620	780	29
SP5-33	1484	620	864	30
SP5-38	1719	750	969	33
SP5-43	1824	750	1074	35

Note: The size B is varied with the motors of different manufacturers.

Performance curve

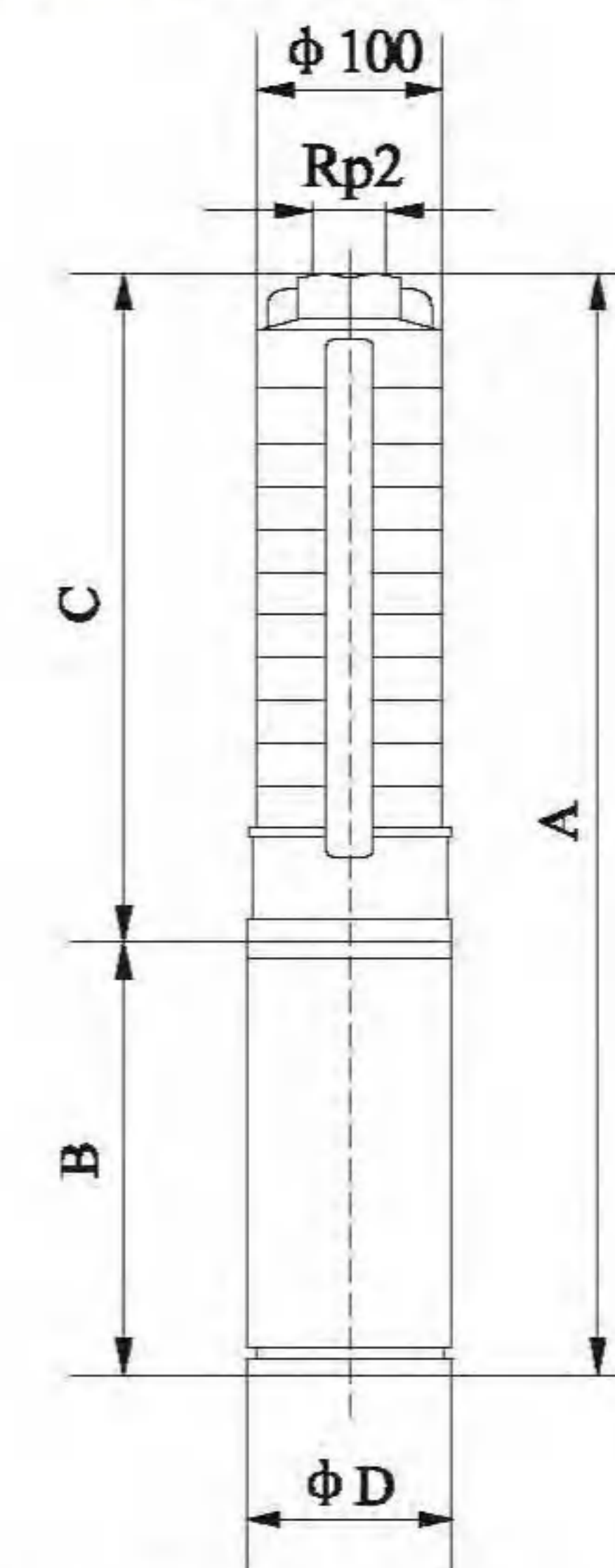
ISO9906 Annex A 2850rpm



Performance table

Model	Driving motor		Q (m³/h)	2	3	4	5	6	7	8	9	10	11
	(kW)	(hp)											
SP8-5	0.75	1	H (m)	27	26	24	23	22	21	19	17	14	10
SP8-7	1.1	1.5		38	36	34	33	31	29	27	24	20	14
SP8-10	1.5	2		54	52	50	47	45	42	39	35	29	21
SP8-12	2.2	3		65	62	60	57	54	51	47	42	35	26
SP8-15	2.2	3		81	77	74	71	68	64	59	53	44	33
SP8-18	3.0	4		95	93	89	86	81	77	71	63	53	40
SP8-21	4.0	5.5		112	108	104	100	95	90	83	74	62	47
SP8-25	4.0	5.5		135	129	124	119	113	108	99	89	74	56
SP8-30	5.5	7.5		162	155	149	143	136	130	119	106	88	67
SP8-37	5.5	7.5		201	191	184	176	167	159	147	131	109	82
SP8-44	7.5	10		242	227	218	209	199	190	174	156	129	98
SP8-50	7.5	10		272	258	248	238	226	216	198	177	147	111

Installation sketch



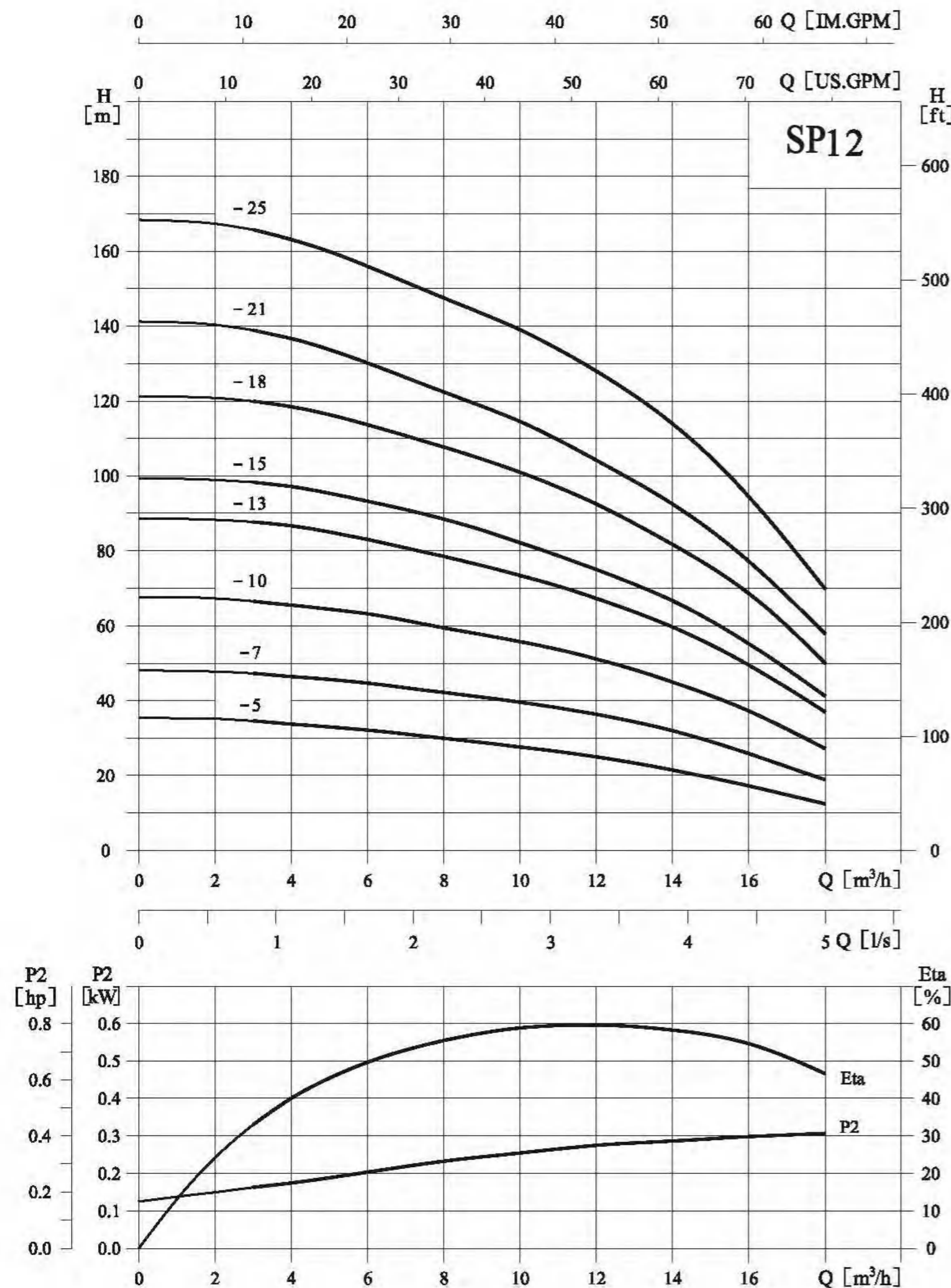
Size and weight

Model	Size(mm)(Coupled to 4/6' motor)				Weight (kg)
	A	B	C	φ D	
SP8-5	853	400	453	96	16
SP8-7	977	440	537	96	19
SP8-10	1133	470	663	96	22
SP8-12	1257	510	747	96	27
SP8-15	1383	510	873	96	29
SP8-18	1619	620	999	96	32
SP8-21	1875	750	1125	96/143	35/41
SP8-25	2043	750	1293	96/143	37/43
SP8-30	2343	840	1503	96/143	43/51
SP8-37	2637	840	1797	96/143	46/54
SP8-44	3011	920	2091	96/143	55/66
SP8-50	3263	920	2343	96/143	58/69

Note: The size B is varied with the motors of different manufacturers.

Performance curve

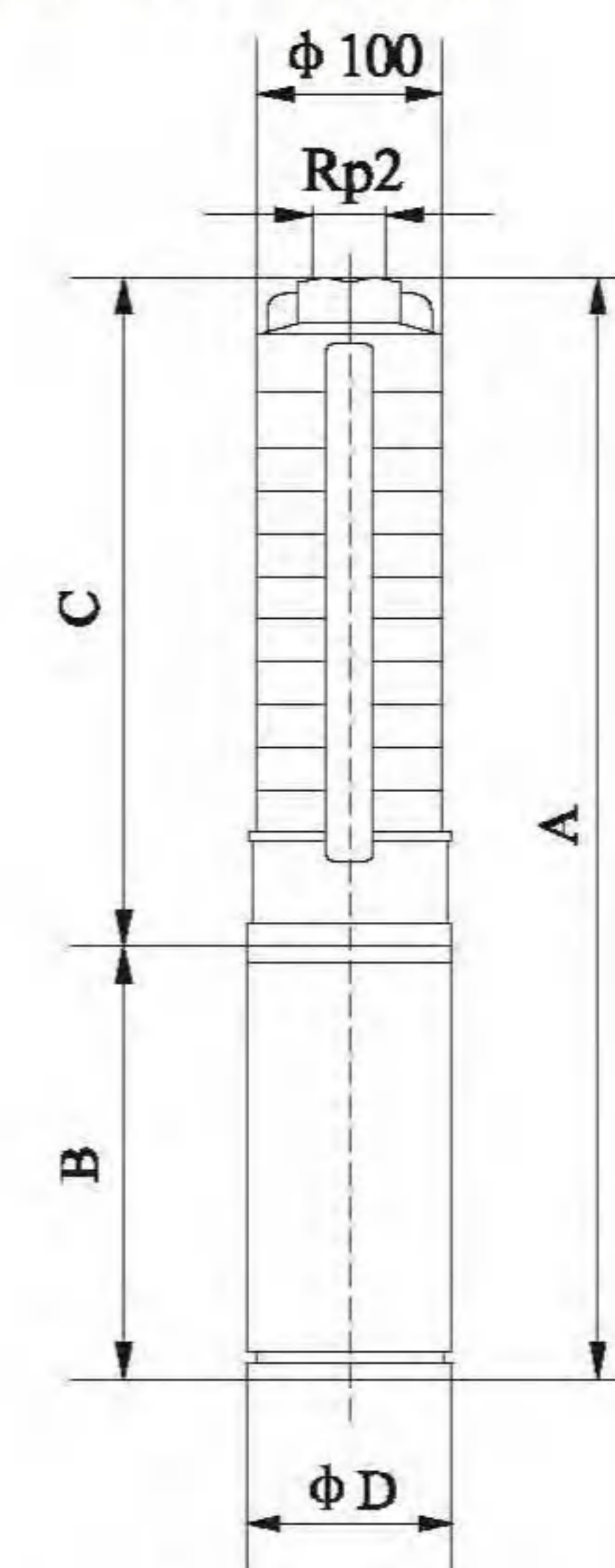
ISO9906 Annex A 2850rpm



Performance table

Model	Driving motor		Q (m³/h)	3	4	6	8	10	12	14	16	18
	(kW)	(hp)										
SP12-5	1.5	2	H (m)	34	33	31	29	27	25	22	18	13
SP12-7	2.2	3		48	46	43	40	38	35	31	25	19
SP12-10	3.0	4		67	65	62	58	55	50	45	36	27
SP12-13	4.0	5.5		88	86	81	76	71	66	59	48	36
SP12-15	5.5	7.5		99	97	93	88	82	76	68	55	41
SP12-18	5.5	7.5		120	118	112	105	99	91	81	66	50
SP12-21	7.5	10		138	136	130	123	115	106	95	77	58
SP12-25	7.5	10		166	163	155	146	137	126	113	92	69

Installation sketch



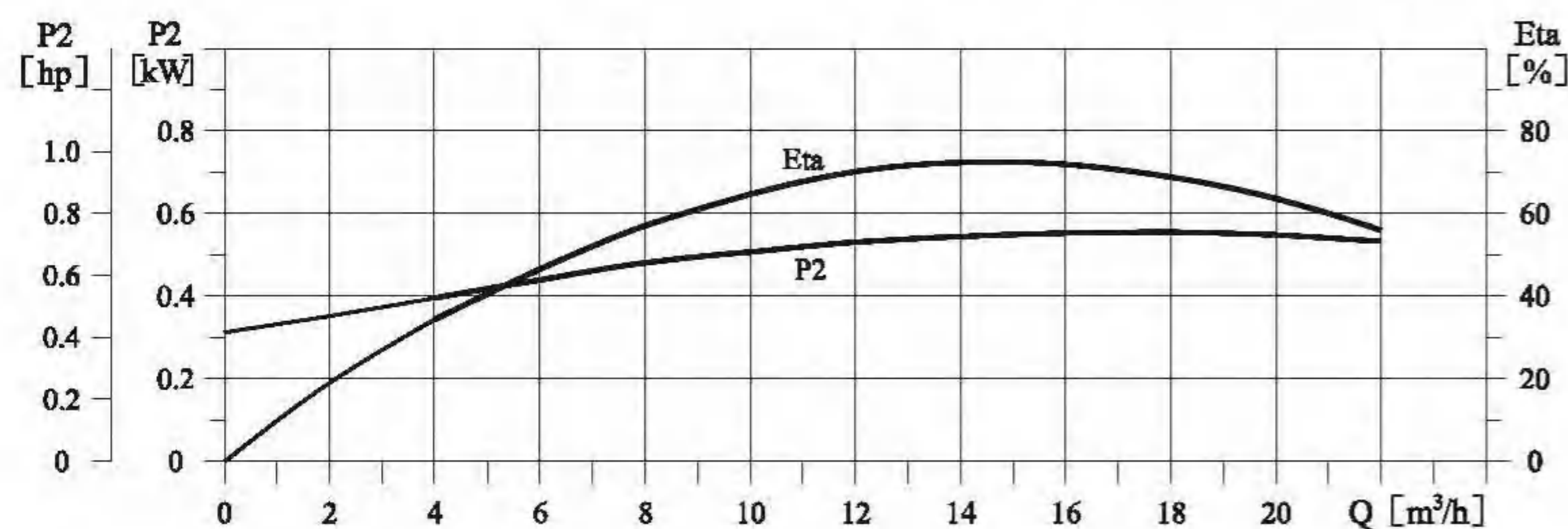
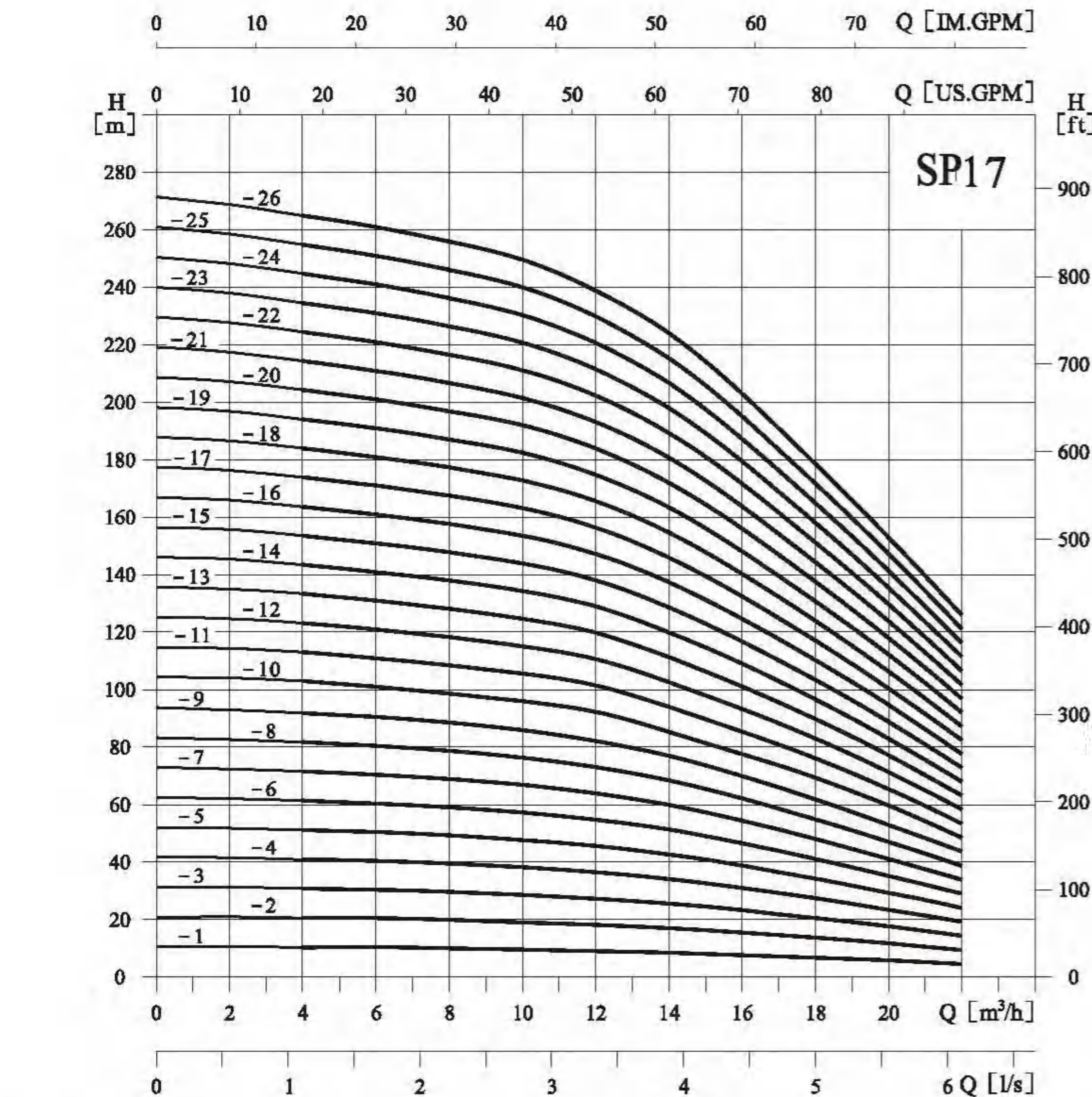
Size and weight

Model	Size(mm)(Coupled to 4/6" motor)				Weight (kg)
	A	B	C	Φ D	
SP12-5	1005	470	535	96	21
SP12-7	1175	510	665	96	26
SP12-10	1480	620	860	96	30
SP12-13	1805	750	1055	96/143	34/40
SP12-15	2025	840	1185	96/143	38/46
SP12-18	2220	840	1380	96/143	40/48
SP12-21	2495	920	1575	96/143	47/58
SP12-25	2755	920	1835	96/143	50/61

Note: The size B is varied with the motors of different manufacturers.

Performance curve

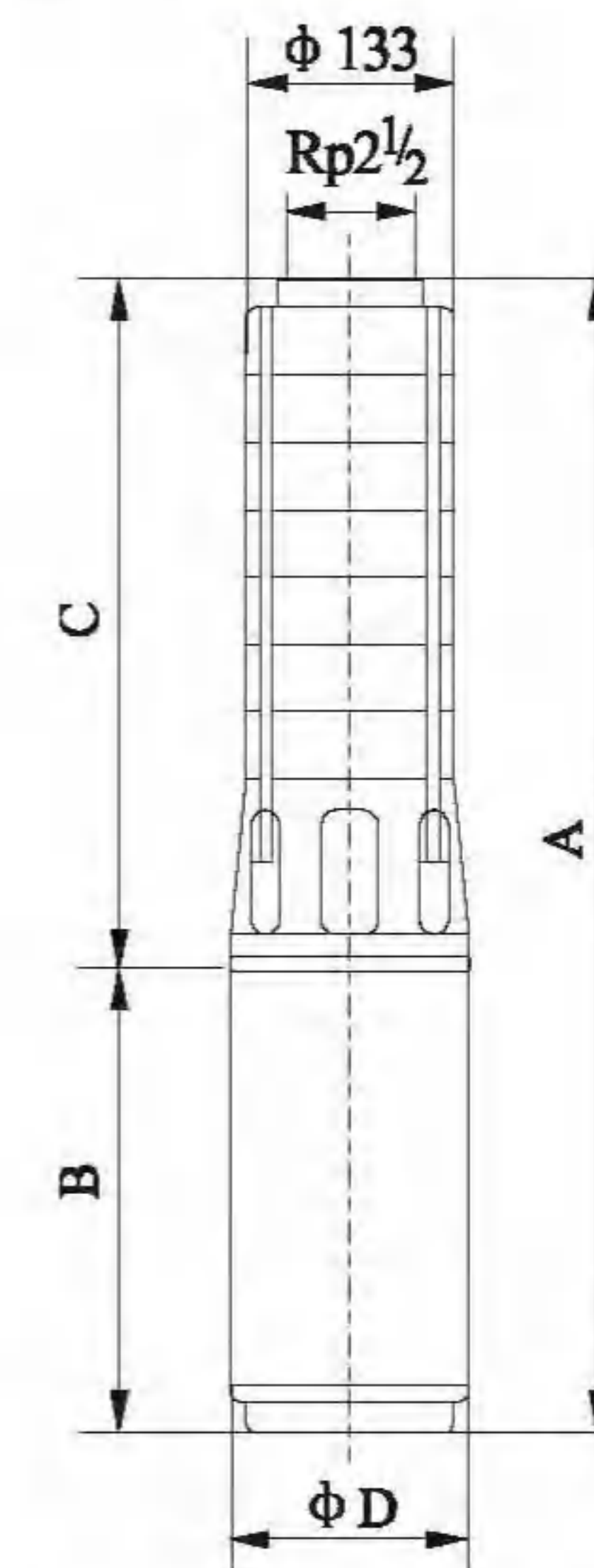
ISO9906 Annex A 2850rpm



Performance table

Model	Driving motor		Q (m³/h)	4	6	8	10	12	14	17	20	22
	(kW)	(hp)										
SP17-1	0.55	0.75	10.5	10	9.5	9	8.5	8	6.5	5	4	
SP17-2	1.1	1.5	20.5	20	19.5	19	18	16	13.5	10.5	8	
SP17-3	2.2	3	31	30	29.5	28.5	27	24.5	20.5	16	13	
SP17-4	2.2	3	41	40	39.5	38	36.5	33.5	28	22	18	
SP17-5	3.0	4	52	51	50	48	45	42	35	28	23	
SP17-6	4.0	5.5	62	61	60	58	55	51	42	34	27	
SP17-7	4.0	5.5	73	71	70	67	64	59	49	40	31	
SP17-8	5.5	7.5	83	81	80	77	73	67	57	45	36	
SP17-9	5.5	7.5	93	91	90	87	82	76	64	52	40	
SP17-10	5.5	7.5	103	101	100	97	91	85	72	58	45	
SP17-11	7.5	10	113	111	109	106	100	94	79	64	50	
SP17-12	7.5	10	123	121	119	115	109	102	87	70	55	
SP17-13	7.5	10	133	131	129	125	118	111	95	75	60	
SP17-14	9.2	12.5	143	141	139	134	128	119	102	81	65	
SP17-15	9.2	12.5	153	151	148	144	137	128	109	87	70	
SP17-16	9.2	12.5	163	161	158	154	146	136	116	92	75	
SP17-17	9.2	12.5	173	171	167	163	155	145	123	98	79	
SP17-18	11	15	184	181	177	173	164	154	130	104	84	
SP17-19	11	15	194	191	187	182	174	162	138	110	89	
SP17-20	11	15	204	201	197	192	184	171	145	116	94	
SP17-21	13	17.5	214	211	207	202	193	180	152	121	99	
SP17-22	13	17.5	224	221	217	211	202	188	160	127	104	
SP17-23	13	17.5	235	231	227	221	211	197	167	133	109	
SP17-24	13	17.5	245	241	236	230	220	205	174	139	113	
SP17-25	15	20	255	251	246	240	229	213	181	145	118	
SP17-26	15	20	265	261	256	250	238	222	189	150	122	

Installation sketch



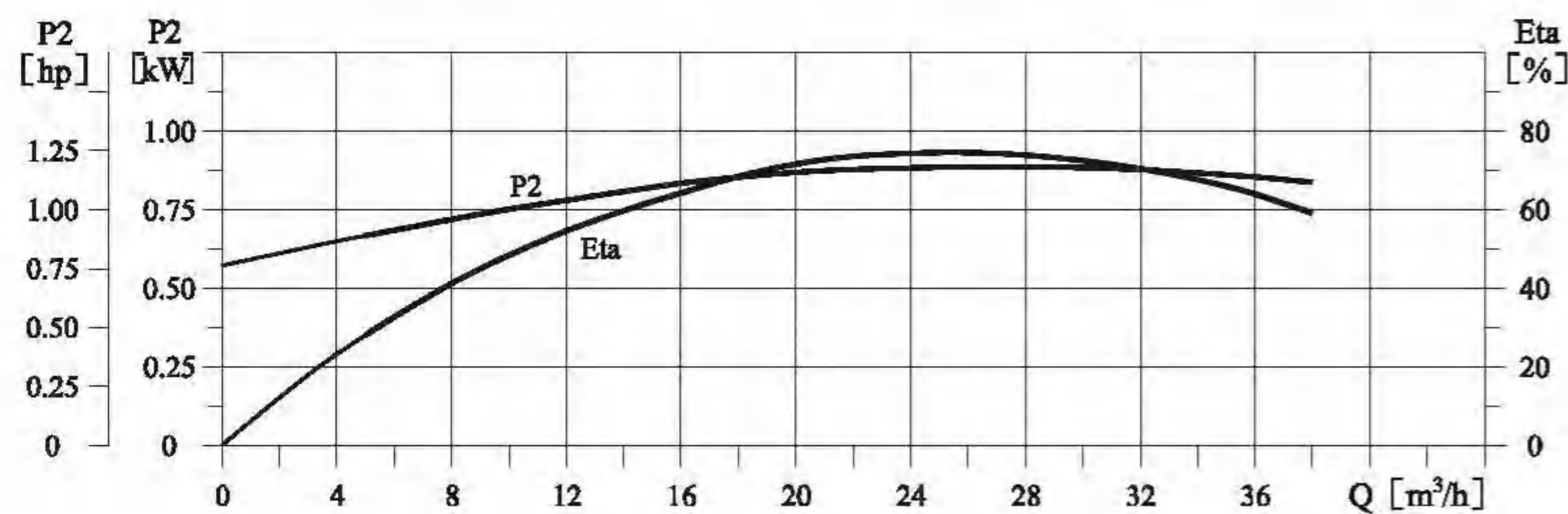
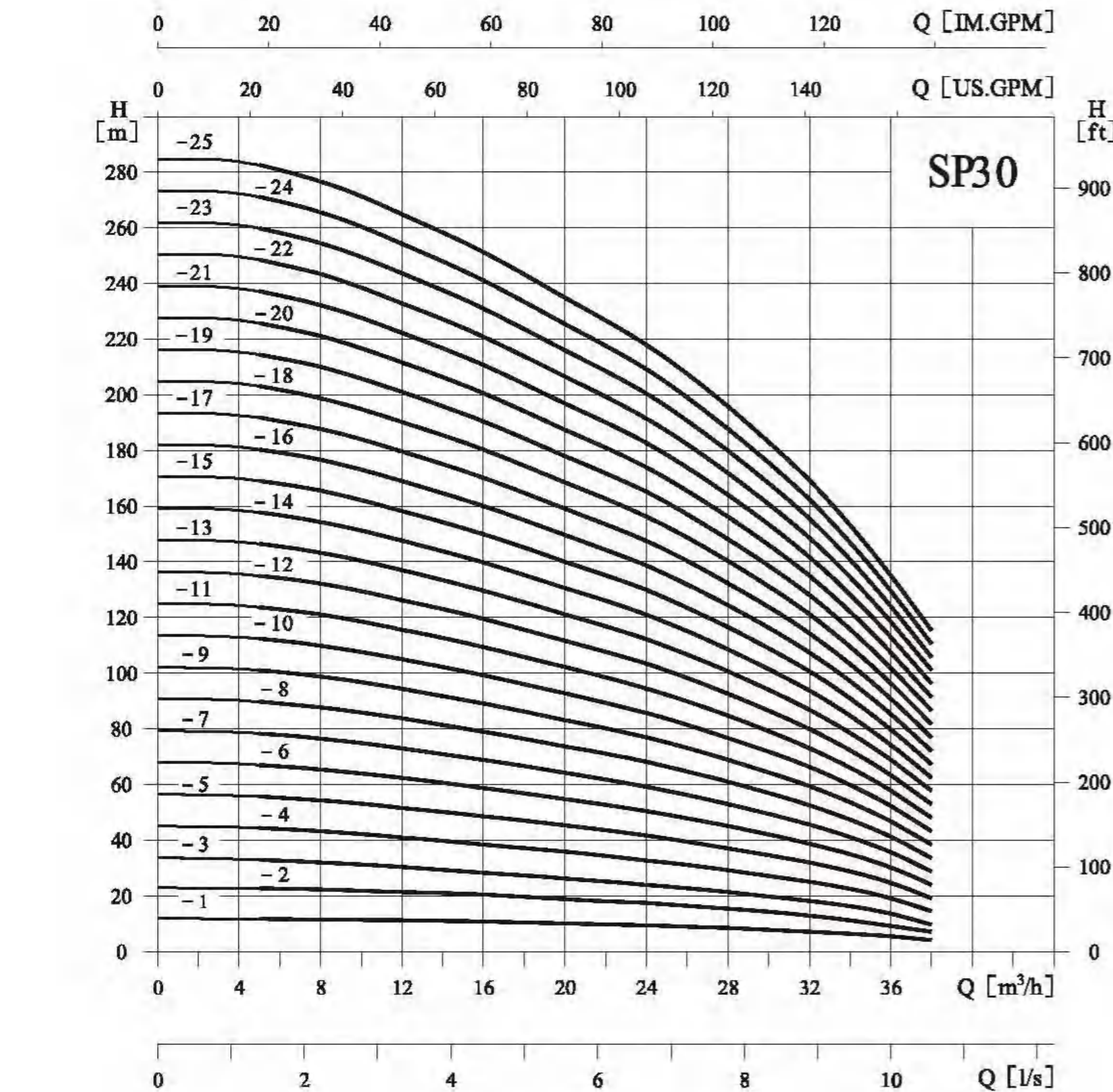
Size and weight

Model	Size(mm)(Coupled to 4 1/6' motor)				Weight (kg)
	A	B	C	φ D	
SP17-1	708	380	328	96	17
SP17-2	828	440	388	96	21
SP17-3	959	510	449	96	28
SP17-4	1019	510	509	96	29
SP17-5	1190	620	570	96	32
SP17-6	1380	750	630	96/143	35/41
SP17-7	1441	750	691	96/143	36/42
SP17-8	1591	840	751	96/143	41/49
SP17-9	1652	840	812	96/143	42/50
SP17-10	1712	840	872	96/143	43/51
SP17-11	1853	920	933	96/143	49/60
SP17-12	1913	920	993	96/143	50/61
SP17-13	1974	920	1054	96/143	51/62
SP17-14	2000	870	1130	143	75
SP17-15	2061	870	1191	143	76
SP17-16	2121	870	1251	143	77
SP17-17	2182	870	1312	143	78
SP17-18	2292	920	1372	143	85
SP17-19	2353	920	1433	143	86
SP17-20	2413	920	1493	143	87
SP17-21	2534	980	1554	143	95
SP17-22	2594	980	1614	143	96
SP17-23	2655	980	1675	143	98
SP17-24	2715	980	1735	143	99
SP17-25	2826	1030	1796	143	106
SP17-26	2886	1030	1856	143	107

Note: The size B is varied with the motors of different manufacturers.

Performance curve

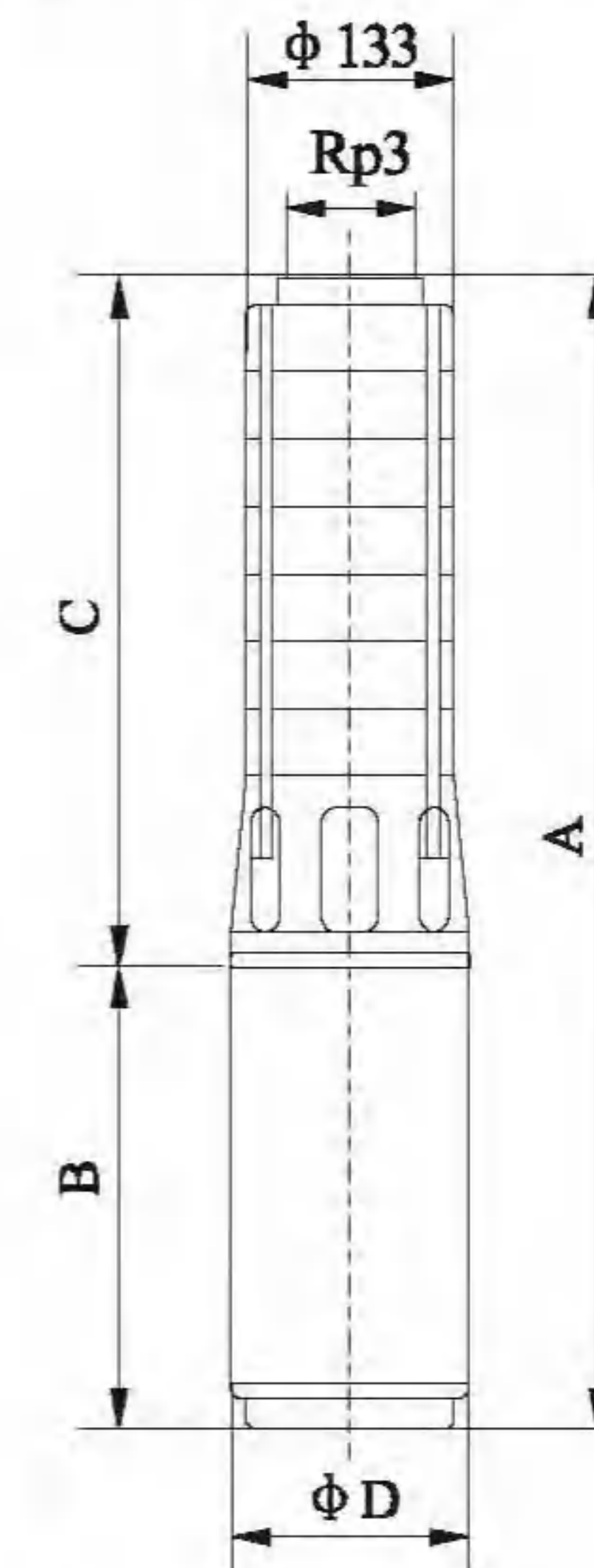
ISO9906 Annex A 2850rpm



Performance table

Model	Driving motor		Q (m³/h)	5	8	12	16	20	24	28	30	32	36	38
	(kW)	(hp)												
SP30-1	1.1	1.5	11.5	11	10.5	10	9.5	9	8	7.5	7	5.5	4.5	
SP30-2	2.2	3	22.5	22	21	20	19	17.5	16	15	14	10.5	9	
SP30-3	3.0	4	33.5	33	32	30	28	26	24	22	20	16	14	
SP30-4	4.0	5.5	44.5	44	42	40	37	35	32	29	27	21	18	
SP30-5	5.5	7.5	55.5	55	53	50	47	44	40	37	34	27	23	
SP30-6	5.5	7.5	67	66	63	60	56	52	48	44	41	32	27	
SP30-7	7.5	10	77	76	74	70	65	61	55	52	48	37	32	
SP30-8	7.5	10	89	87	84	80	75	70	63	59	54	43	36	
SP30-9	9.2	12.5	101	98	95	90	84	78	71	66	61	48	41	
SP30-10	9.2	12.5	112	109	105	100	93	87	79	74	68	53	45	
SP30-11	9.2	12.5	123	120	116	110	103	96	87	81	75	59	50	
SP30-12	11	15	134	131	126	120	112	105	95	88	82	64	54	
SP30-13	11	15	145	142	137	129	121	113	103	96	88	69	59	
SP30-14	13	17.5	157	153	147	139	130	122	111	103	95	74	63	
SP30-15	13	17.5	168	164	158	149	140	131	119	110	102	80	68	
SP30-16	15	20	180	175	168	159	149	140	127	118	109	85	72	
SP30-17	15	20	190	186	179	169	158	148	135	125	116	90	77	
SP30-18	18.5	25	201	197	189	179	168	157	143	132	122	96	81	
SP30-19	18.5	25	212	207	200	189	177	166	150	140	129	101	86	
SP30-20	18.5	25	223	218	210	199	186	174	158	147	136	106	90	
SP30-21	18.5	25	235	229	221	209	196	183	166	155	143	112	95	
SP30-22	22	30	246	240	231	219	205	192	174	162	150	117	99	
SP30-23	22	30	258	251	242	229	214	201	182	169	156	122	104	
SP30-24	22	30	269	262	252	239	224	209	190	177	163	128	108	
SP30-25	22	30	281	273	263	249	233	218	198	184	170	133	113	

Installation sketch



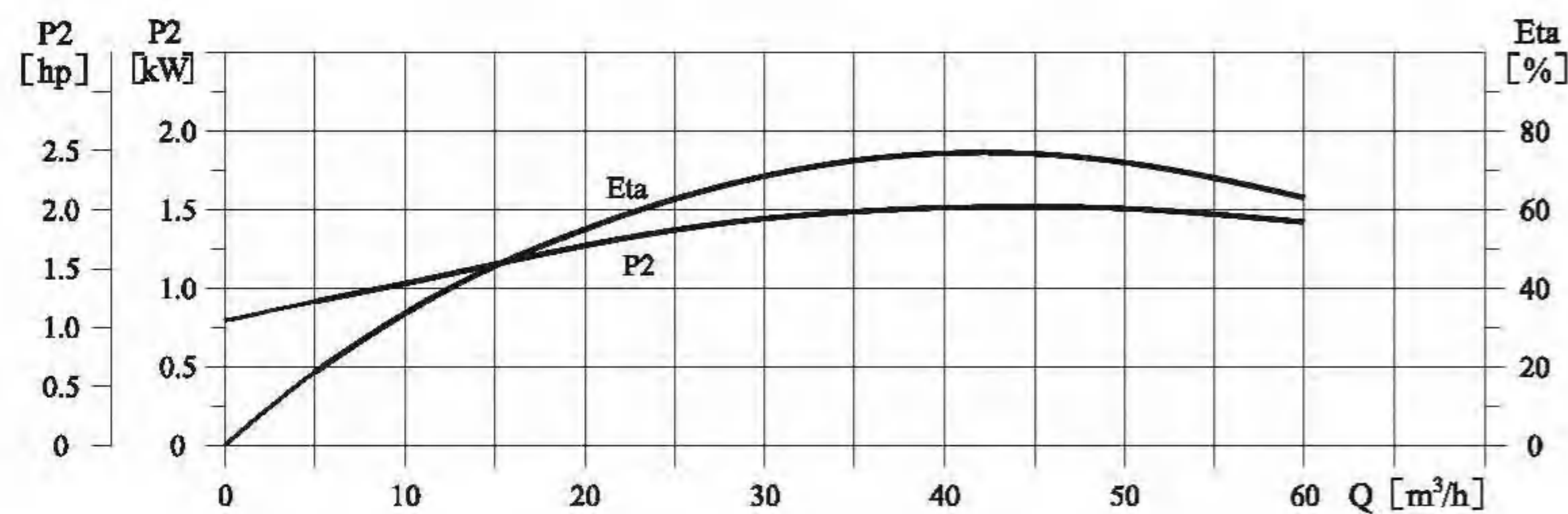
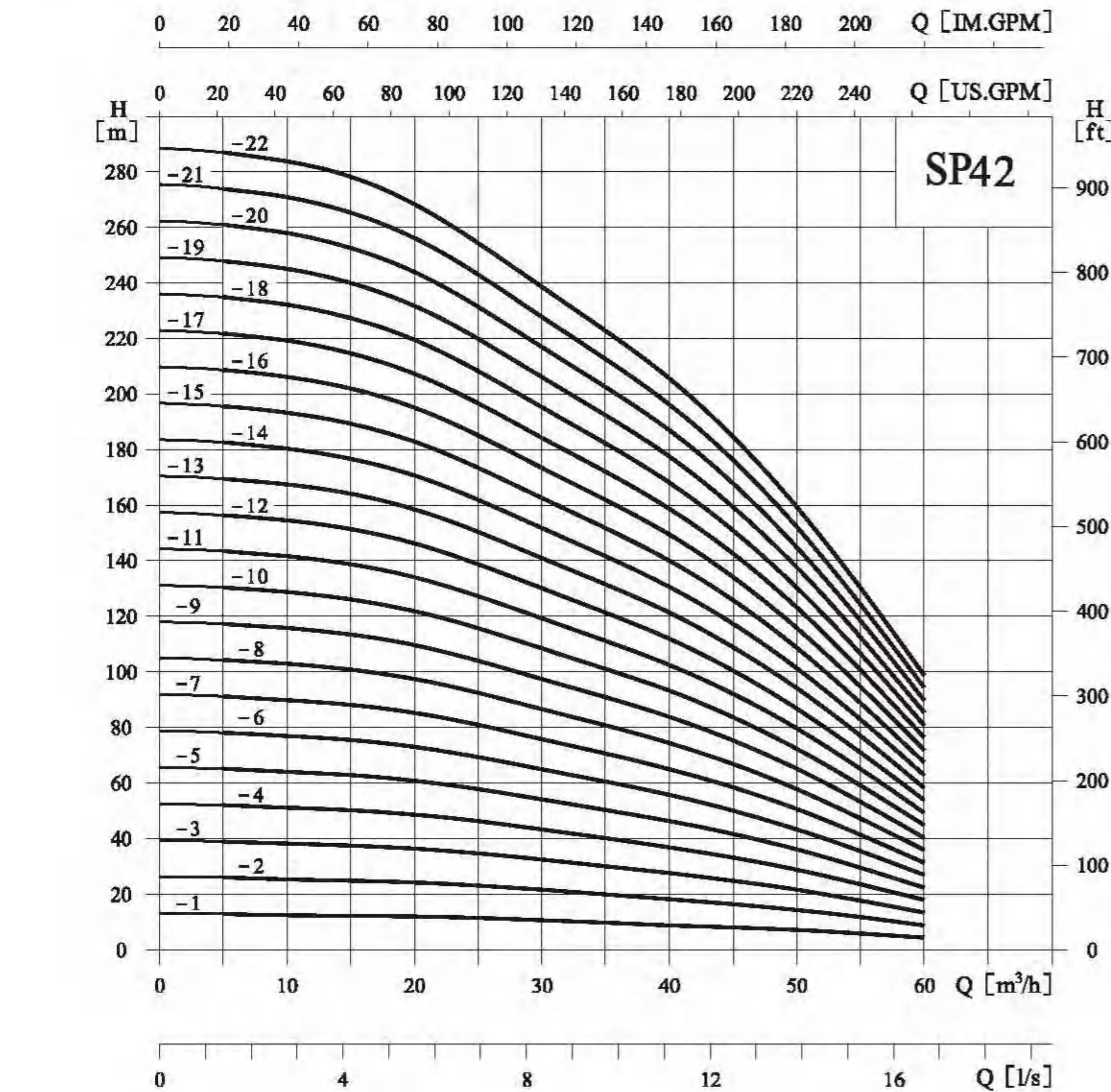
Size and weight

Model	Size(mm)(Coupled to 4/6' motor)				Weight (kg)
	A	B	C	φ D	
SP30-1	802	440	362	96	20
SP30-2	968	510	458	96	28
SP30-3	1174	620	554	96	31
SP30-4	1400	750	650	96/143	35/41
SP30-5	1586	840	746	96/143	40/48
SP30-6	1682	840	842	96/143	42/50
SP30-7	1858	920	938	96/143	49/60
SP30-8	1954	920	1034	96/143	51/61
SP30-9	2016	870	1146	143	75
SP30-10	2112	870	1242	143	77
SP30-11	2208	870	1338	143	79
SP30-12	2354	920	1434	143	85
SP30-13	2450	920	1530	143	87
SP30-14	2606	980	1626	143	96
SP30-15	2702	980	1722	143	98
SP30-16	2848	1030	1818	143	106
SP30-17	2944	1030	1914	143	108
SP30-18	3100	1090	2010	143	117
SP30-19	3196	1090	2106	143	119
SP30-20	3292	1090	2202	143	120
SP30-21	3388	1090	2298	143	122
SP30-22	3554	1160	2394	143	138
SP30-23	3650	1160	2490	143	140
SP30-24	3746	1160	2586	143	142
SP30-25	3842	1160	2682	143	144

Note: The size B is varied with the motors of different manufacturers.

Performance curve

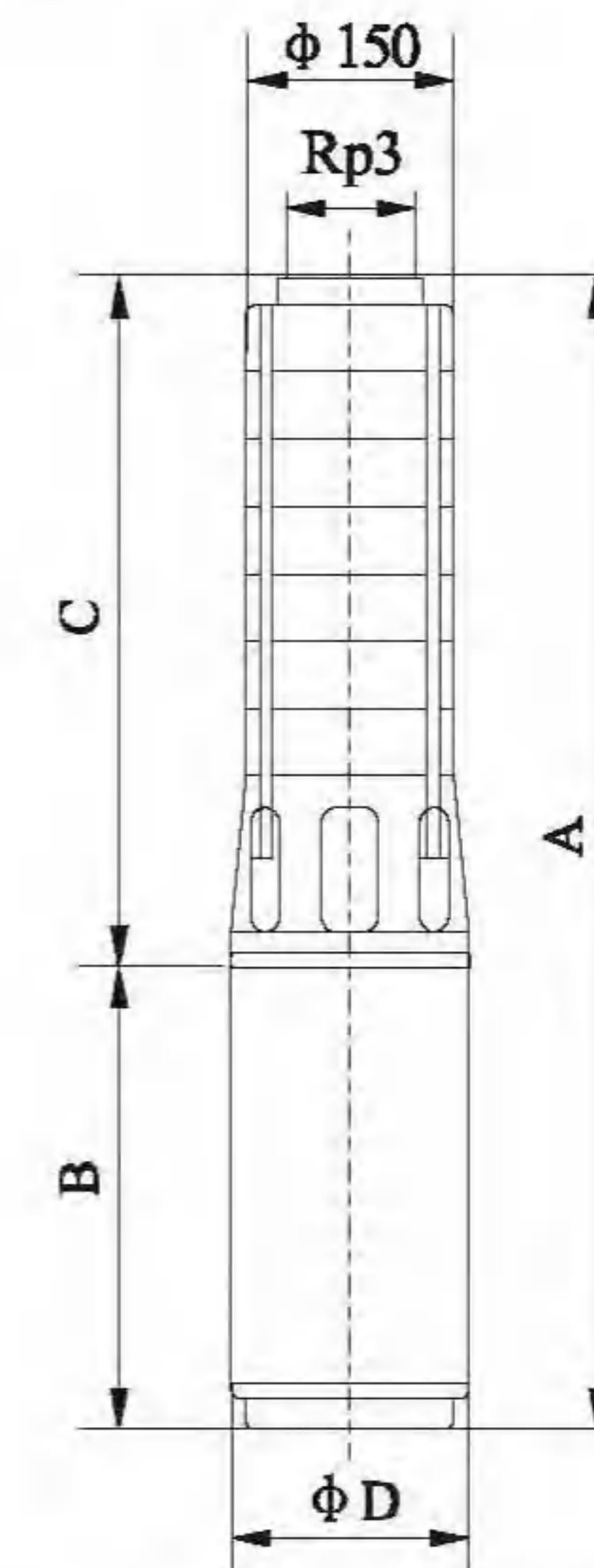
ISO9906 Annex A 2850rpm



Performance table

Model	Driving motor		Q (m³/h)	5	10	20	30	40	42	50	60
	(kW)	(hp)									
SP42-1	2.2	3	13	12.5	12	10.5	9	8.5	7	4	
SP42-2	3.0	4	26	25.5	24	21.5	18.5	17	14.5	8.5	
SP42-3	5.5	7.5	40	38.5	36	32.5	28	26.5	22	13	
SP42-4	7.5	10	53	52	49	43	37	36	29	18	
SP42-5	7.5	10	66	65	61	54	47	45	38	23	
SP42-6	9.2	12.5	79	78	74	66	57	54	45	28	
SP42-7	11	15	92	91	86	77	66	63	52	32	
SP42-8	13	17.5	105	104	98	87	75	72	58	36	
SP42-9	15	20	118	117	110	97	84	80	65	40	
SP42-10	15	20	132	130	122	108	93	89	72	45	
SP42-11	18.5	25	144	142	134	119	103	98	79	49	
SP42-12	18.5	25	157	155	146	130	112	107	87	54	
SP42-13	22	30	170	168	158	141	122	116	94	58	
SP42-14	22	30	183	181	170	152	131	125	102	63	
SP42-15	22	30	196	194	182	163	140	134	109	67	
SP42-16	25	34	209	207	194	174	150	143	116	72	
SP42-17	25	34	222	220	206	184	159	152	123	77	
SP42-18	30	40	235	233	218	195	168	161	131	81	
SP42-19	30	40	248	246	231	206	178	170	138	86	
SP42-20	30	40	261	259	243	217	187	179	145	90	
SP42-21	37	50	274	271	255	228	196	188	152	95	
SP42-22	37	50	287	283	267	238	205	197	160	99	

Installation sketch



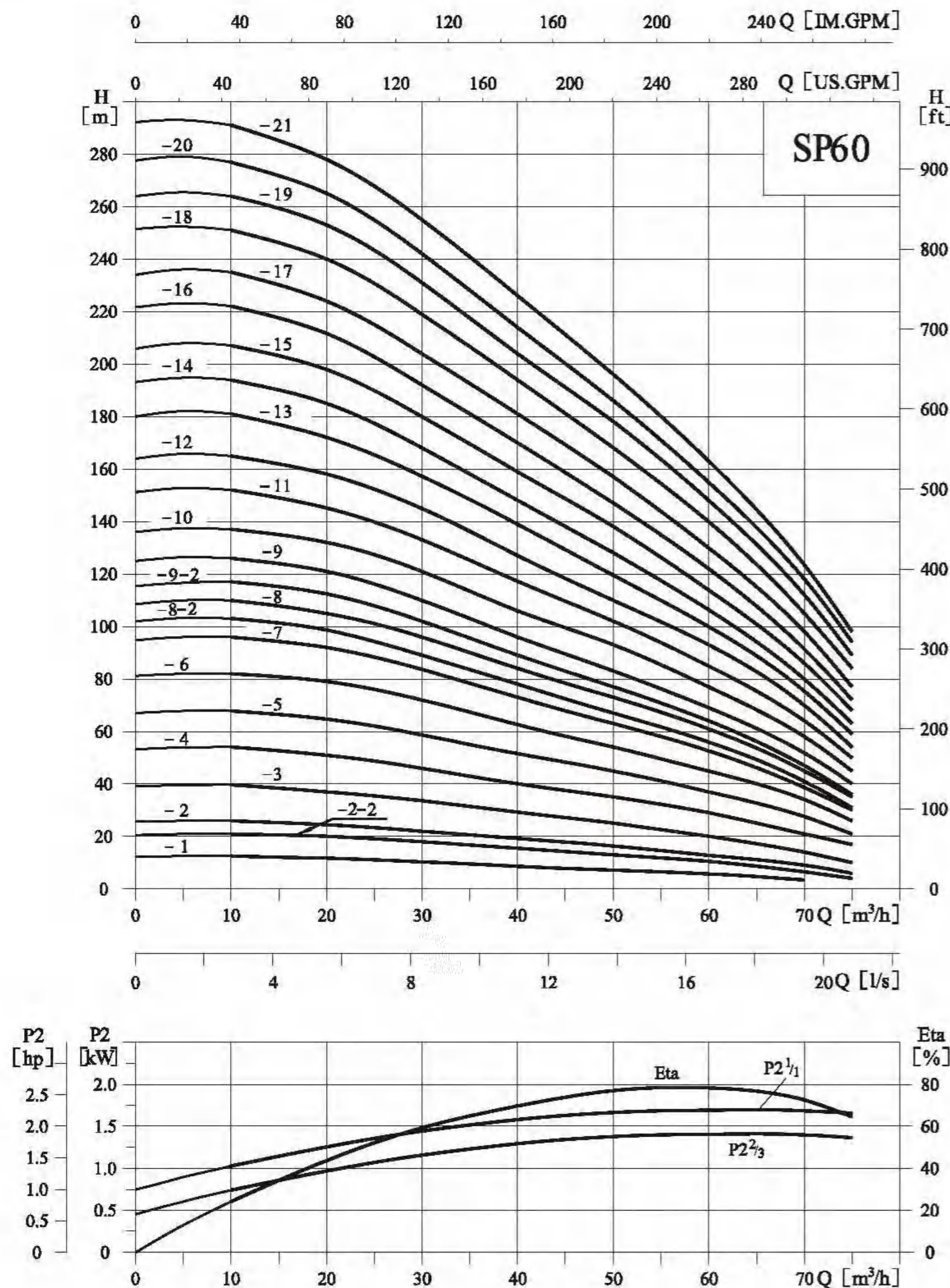
Size and weight

Model	Size(mm)(Coupled to 4/6 motor)				Weight (kg)
	A	B	C	Φ D	
SP42-1	888	510	378	96	29
SP42-2	1111	620	491	96	33
SP42-3	1444	840	604	96/143	40/48
SP42-4	1637	920	717	96/143	47/58
SP42-5	1750	920	830	96/143	49/60
SP42-6	1829	870	959	143	73
SP42-7	1992	920	1072	143	80
SP42-8	2165	980	1185	143	89
SP42-9	2328	1030	1298	143	97
SP42-10	2441	1030	1411	143	100
SP42-11	2614	1090	1524	143	109
SP42-12	2727	1090	1637	143	111
SP42-13	2910	1160	1750	143	127
SP42-14	3023	1160	1863	143	129
SP42-15	3136	1160	1976	143	131
SP42-16	3319	1230	2089	143	145
SP42-17	3432	1230	2202	143	147
SP42-18	3645	1330	2315	143	162
SP42-19	3758	1330	2428	143	164
SP42-20	3871	1330	2541	143	167
SP42-21	4224	1570	2654	143	192
SP42-22	4337	1570	2767	143	194

Note: The size B is varied with the motors of different manufacturers.

Performance curve

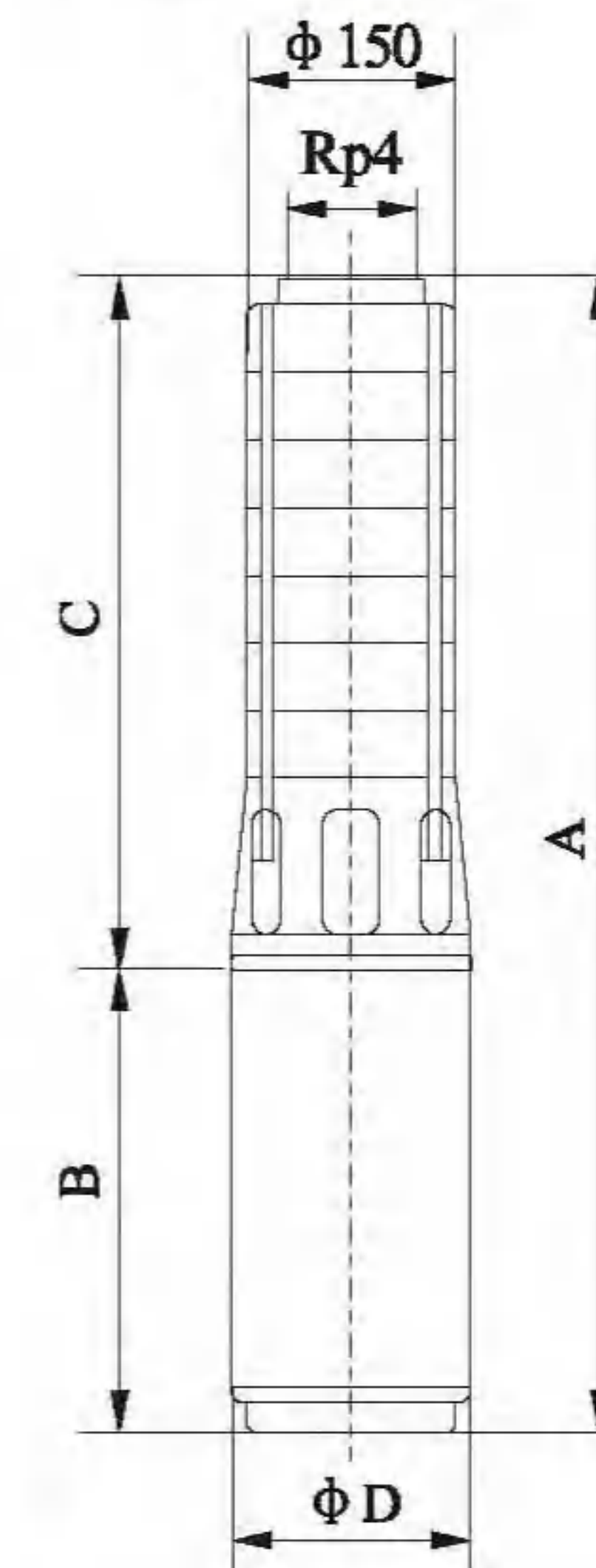
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Performance table

Model	Driving motor		Q (m³/h)	10	20	30	40	50	60	70	75
	(kW)	(hp)									
SP60-1	2.2	3	12.5	12	10.5	8.5	7	6	4	—	—
SP60-2-2	3.0	4	21	20	18	15.5	13	10.5	6.5	4	4
SP60-2	4.0	5.5	26	24.5	22	19	16.5	12.5	9	6	6
SP60-3	5.5	7.5	40	37	34	29	25	20	14	10	10
SP60-4	7.5	10	54	51	46	40	35	29	21	17	17
SP60-5	9.2	12.5	68	65	59	51	45	37	28	21	21
SP60-6	11	15	82	79	72	62	54	45	34	26	26
SP60-7	13	17.5	96	92	84	73	63	53	39	30	30
SP60-8-2	13	17.5	103	99	89	78	67	56	41	31	31
SP60-8	15	20	110	105	96	84	73	61	45	35	35
SP60-9-2	15	20	117	112	102	89	77	64	47	36	36
SP60-9	18.5	25	124	121	110	96	85	69	52	40	40
SP60-10	18.5	25	137	132	121	106	93	77	58	45	45
SP60-11	22	30	152	145	133	117	102	85	64	50	50
SP60-12	22	30	165	158	145	127	110	93	70	54	54
SP60-13	22	30	181	172	157	139	120	100	75	59	59
SP60-14	25	34	194	185	168	148	128	106	80	63	63
SP60-15	25	34	207	198	180	159	138	114	85	68	68
SP60-16	30	40	222	212	192	170	147	122	91	72	72
SP60-17	30	40	235	224	204	181	157	130	98	77	77
SP60-18	30	40	251	240	219	194	168	140	105	84	84
SP60-19	37	50	264	253	231	204	178	148	112	89	89
SP60-20	37	50	277	265	242	214	186	155	118	94	94
SP60-21	37	50	291	278	255	226	196	163	123	98	98

Installation sketch



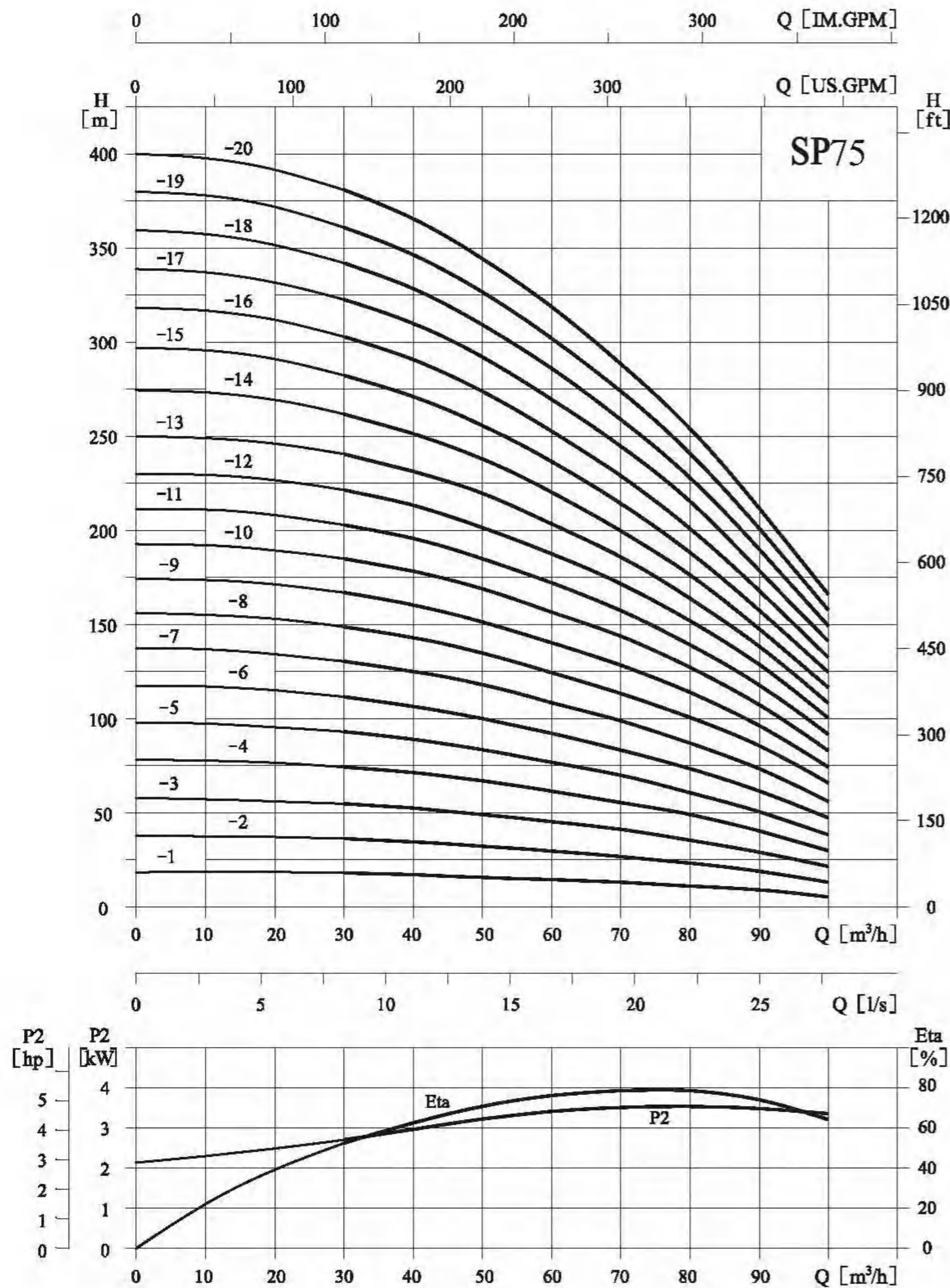
Size and weight

Model	Size(mm)(Coupled to 4 1/6" motor)				Weight (kg)
	A	B	C	φ D	
SP60-1	878	510	368	96	30
SP60-2-2	1101	620	481	96	33
SP60-2	1231	750	481	96/143	35/41
SP60-3	1434	840	594	96/143	41/49
SP60-4	1627	920	707	96/143	48/59
SP60-5	1690	870	820	143	72
SP60-6	1869	920	949	143	78
SP60-7	2042	980	1062	143	87
SP60-8-2	2155	980	1175	143	88
SP60-8	2205	1030	1175	143	96
SP60-9-2	2318	1030	1288	143	97
SP60-9	2378	1090	1288	143	105
SP60-10	2491	1090	1401	143	107
SP60-11	2674	1160	1514	143	123
SP60-12	2787	1160	1627	143	125
SP60-13	2900	1160	1740	143	127
SP60-14	3083	1230	1853	143	141
SP60-15	3196	1230	1966	143	143
SP60-16	3409	1330	2079	143	158
SP60-17	3522	1330	2192	143	160
SP60-18	3635	1330	2305	143	162
SP60-19	3988	1570	2418	143	188
SP60-20	4101	1570	2531	143	190
SP60-21	4214	1570	2644	143	191

Note: The size B is varied with the motors of different manufacturers.

Performance curve

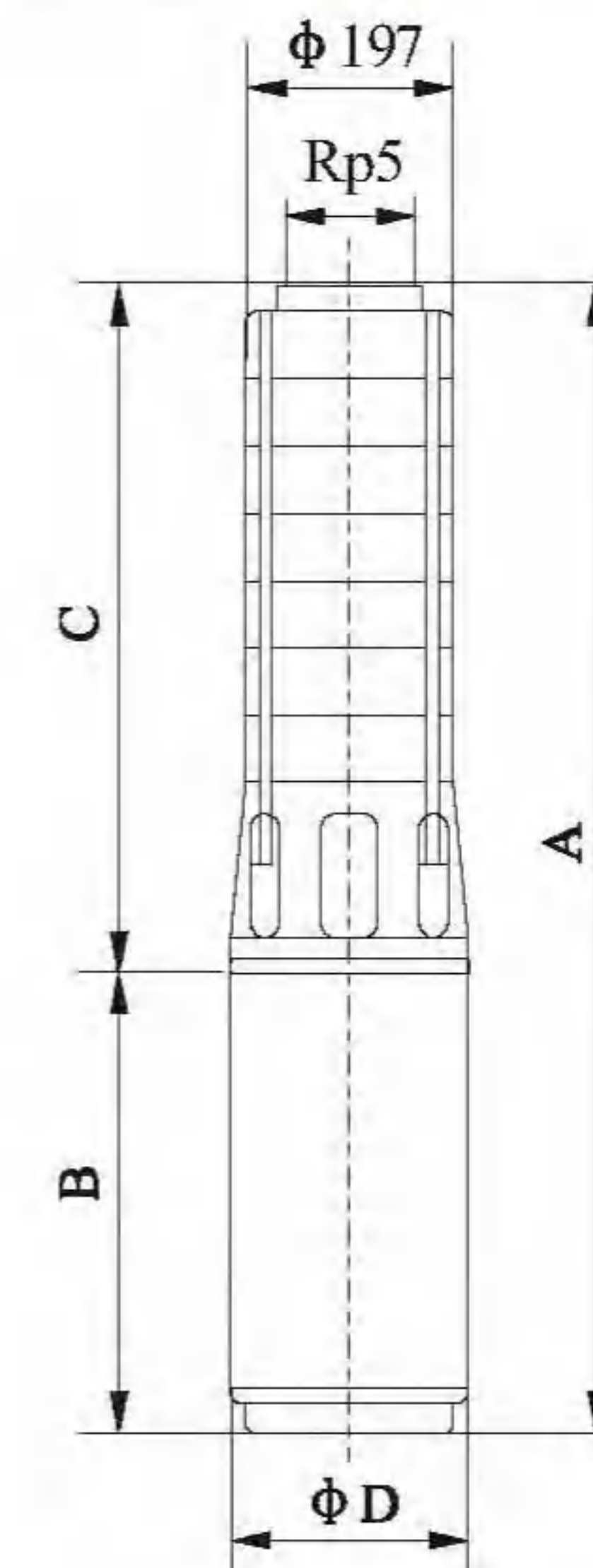
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Performance table

Model	Driving motor		Q (m³/h)	30	40	50	60	70	75	80	90	100
	(kW)	(hp)										
SP75-1	4	5.5	18	17	15.5	14.5	13	12	11	9	5.5	
SP75-2	7.5	10	36.5	34.5	32	30	27	25	23	19	12.5	
SP75-3	11	15	54.5	52.5	49	45	41	38	35.5	29	21.5	
SP75-4	15	20	73.5	71	66.5	61	55.5	52	48	40	30	
SP75-5	18.5	25	92	89	83	76	70	65	60.5	51	38	
SP75-6	22	30	111	107	100	91	84	79	73	62	47	
SP75-7	30	40	130	125	118	107	98	93	87	73	56	
SP75-8	30	40	148	143	135	124	113	107	101	85	65	
SP75-9	37	50	167	161	152	140	128	121	114	96	74	
SP75-10	37	50	185	178	169	157	143	135	127	107	83	
SP75-11	45	60	203	196	185	172	158	148	139	118	92	
SP75-12	45	60	222	214	202	188	172	162	152	129	100	
SP75-13	55	75	241	232	220	204	186	175	164	139	108	
SP75-14	55	75	262	251	238	220	200	188	176	149	116	
SP75-15	55	75	283	271	256	236	214	201	188	159	124	
SP75-16	63	85	303	291	274	253	229	215	202	169	133	
SP75-17	63	85	323	310	292	270	245	229	215	179	142	
SP75-18	75	100	342	329	309	286	259	243	228	190	150	
SP75-19	75	100	361	347	327	302	274	257	241	201	158	
SP75-20	75	100	381	366	345	318	288	271	254	212	167	

Installation sketch



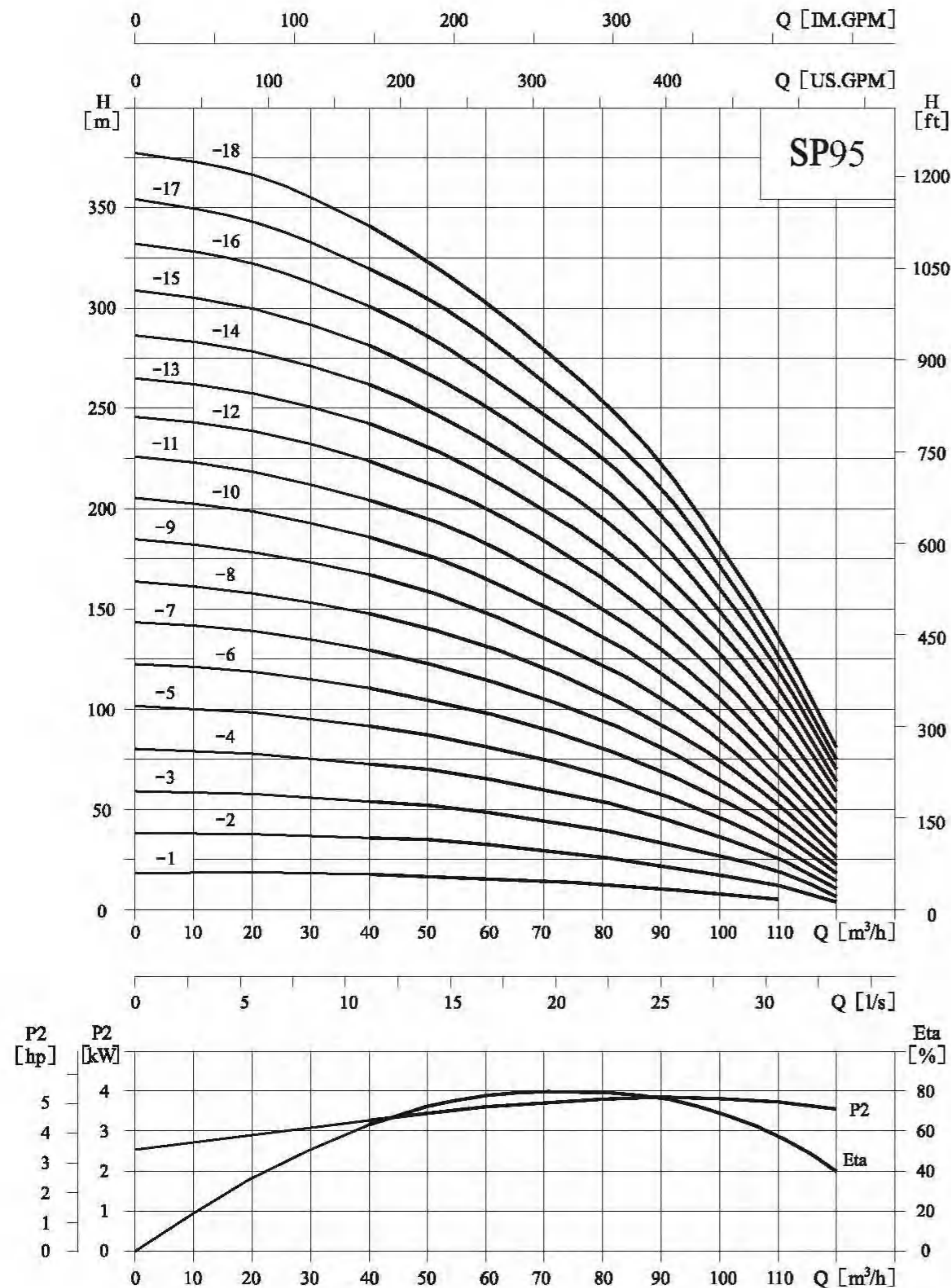
Size and weight

Model	Size(mm)(Coupled to 6/8' motor)				Weight (kg)
	A	B	C	φ D	
SP75-1	1268	780	488	143	56
SP75-2	1424/1411	810/780	614/631	143/184	78/97
SP75-3	1660/1577	920/820	740/757	143/184	92/116
SP75-4	1896/1743	1030/860	866/883	143/184	110/134
SP75-5	2082/1899	1090/890	992/1009	143/184	122/152
SP75-6	2278/2075	1160/940	1118/1135	143/184	141/178
SP75-7	2574/2311	1330/1050	1244/1261	143/184	171/211
SP75-8	2700/2437	1330/1050	1370/1387	143/184	176/216
SP75-9	3066/2663	1570/1150	1496/1513	143/184	204/233
SP75-10	3192/2789	1570/1150	1622/1639	143/184	209/238
SP75-11	3005	1240	1765	184	256
SP75-12	3131	1240	1891	184	261
SP75-13	3387	1370	2017	184	279
SP75-14	3513	1370	2143	184	285
SP75-15	3639	1370	2269	184	290
SP75-16	3885	1490	2395	192	309
SP75-17	4011	1490	2521	192	315
SP75-18	4187	1540	2647	192	341
SP75-19	4313	1540	2773	192	346
SP75-20	4439	1540	2899	192	351

Note: The size B is varied with the motors of different manufacturers.

Performance curve

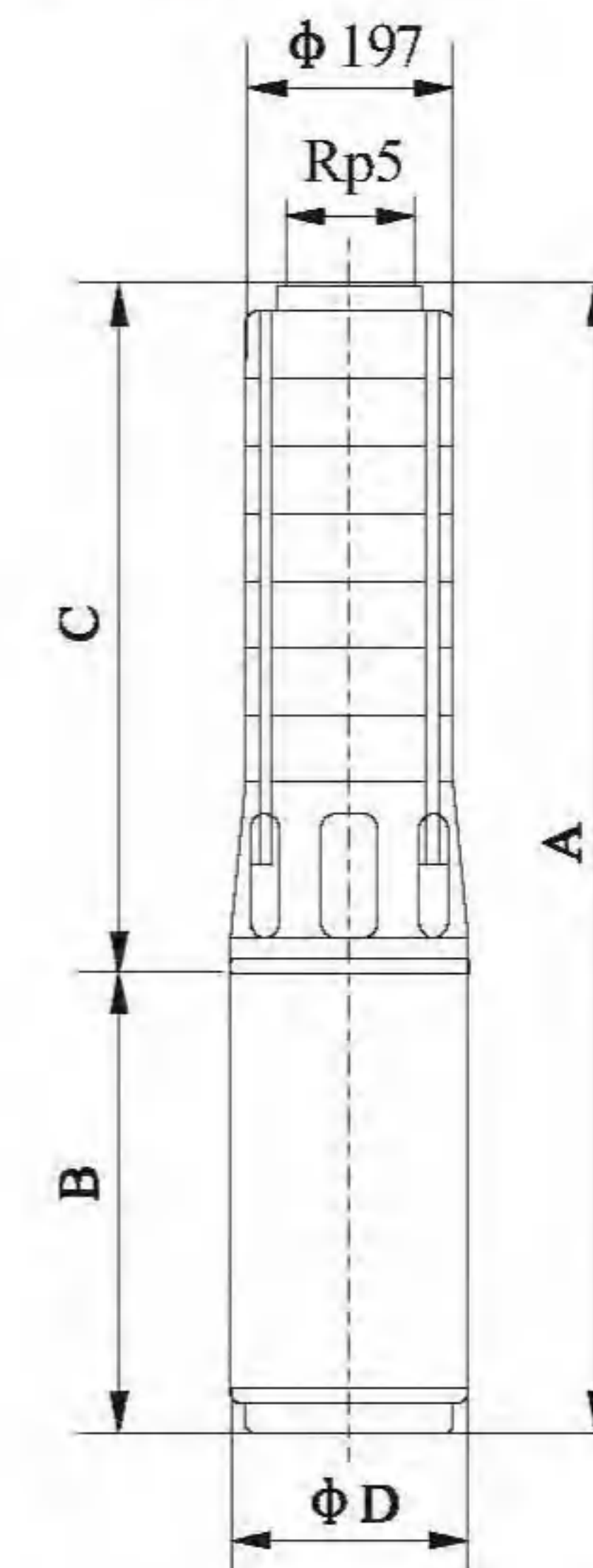
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Performance table

Model	Driving motor		Q	40	50	60	70	80	90	95	100	110	120
	(kW)	(hp)	(m³/h)										
SP95-1	4	5.5	17.5	16.5	15.5	14	12.5	10.5	9.5	8	5	—	
SP95-2	9.2	12.5	36	34	32	28.5	26	21.5	20	17	12	3.5	
SP95-3	13	17.5	54	52	48.5	44.5	40	33	30	26	19	6	
SP95-4	18.5	25	72	70	65	60	54	45	41	36	25.5	10.5	
SP95-5	22	30	91	87	81.5	75	68	57	51.5	46	32	14.5	
SP95-6	25	34	110	104	98	90	81	69	62	55	38	18	
SP95-7	30	40	129	122	115	105	94	81	73	65	45	22	
SP95-8	37	50	148	141	131	120	108	93	84	75	52	26	
SP95-9	37	50	167	159	148	135	122	105	95	85	59	31	
SP95-10	45	60	186	177	165	151	136	117	106	95	67	36	
SP95-11	45	60	205	195	182	167	150	130	117	105	75	42	
SP95-12	55	75	224	213	199	183	165	143	129	116	84	48	
SP95-13	55	75	243	231	216	199	180	156	141	127	93	53	
SP95-14	55	75	262	249	233	215	195	169	153	138	102	59	
SP95-15	63	85	281	268	250	231	210	183	166	149	111	64	
SP95-16	63	85	301	286	267	247	225	197	178	160	119	70	
SP95-17	75	100	321	304	284	263	240	210	190	171	127	75	
SP95-18	75	100	342	323	302	279	255	222	202	182	135	81	

Installation sketch



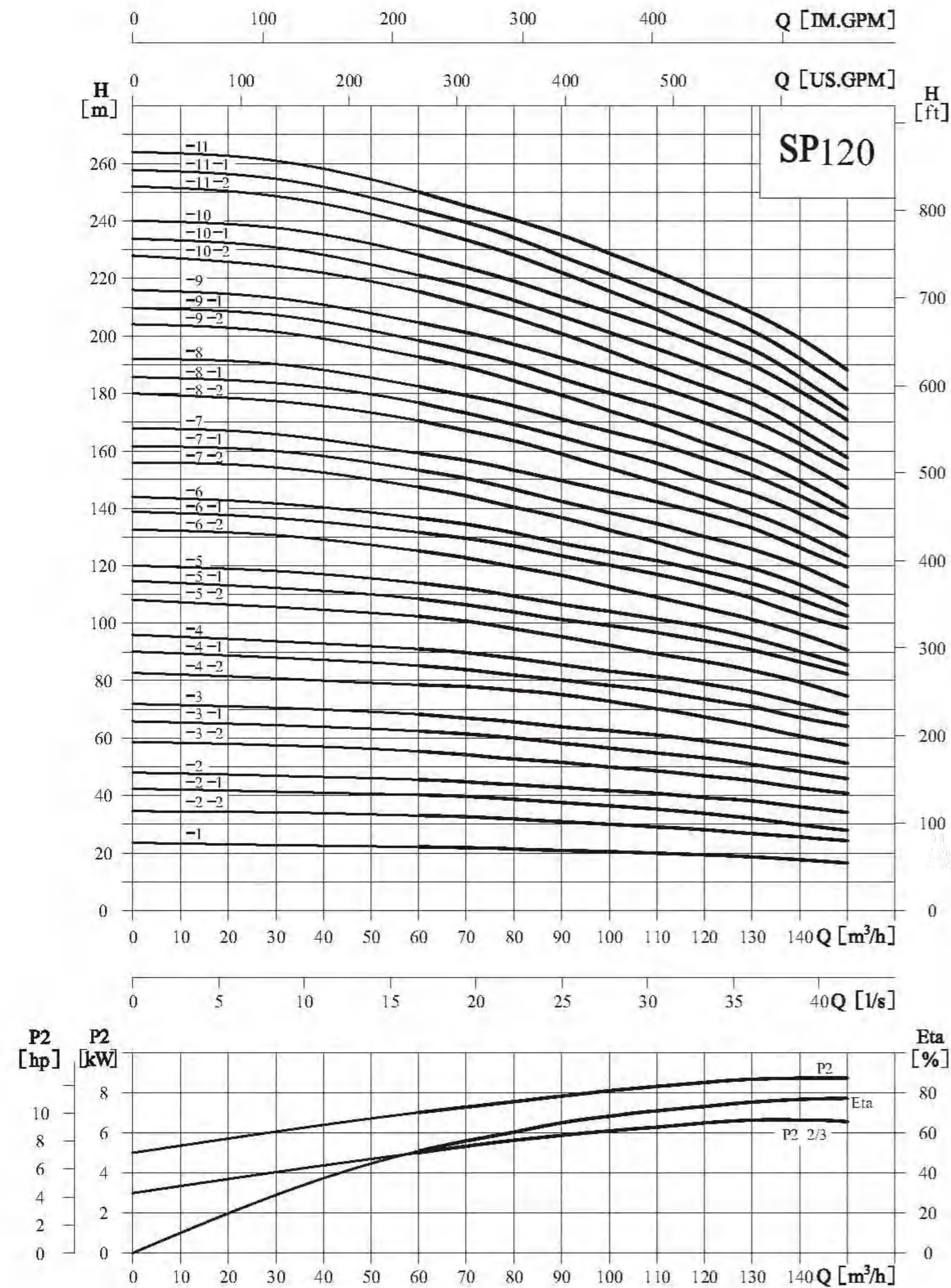
Size and weight

Model	Size(mm)(Coupled to 6/8' motor)				Weight (kg)
	A	B	C	φ D	
SP95-1	1268	780	488	143	57
SP95-2	1484/1431	870/800	614/631	143/184	83/105
SP95-3	1720/1617	980/860	740/757	143/184	100/129
SP95-4	1956/1773	1090/890	866/883	143/184	119/148
SP95-5	2152/1949	1160/940	992/1009	143/184	138/175
SP95-6	2348/2125	1230/990	1118/1135	143/184	155/188
SP95-7	2574/2311	1330/1050	1244/1261	143/184	174/213
SP95-8	2940/2537	1570/1150	1370/1387	143/184	202/231
SP95-9	3066/2663	1570/1150	1496/1513	143/184	208/237
SP95-10	2879	1240	1639	184	254
SP95-11	3005	1240	1765	184	260
SP95-12	3261	1370	1891	184	279
SP95-13	3387	1370	2017	184	284
SP95-14	3513	1370	2143	184	290
SP95-15	3759	1490	2269	192	310
SP95-16	3885	1490	2395	192	316
SP95-17	4061	1540	2521	192	342
SP95-18	4187	1540	2647	192	348

Note: The size B is varied with the motors of different manufacturers.

● Performance curve

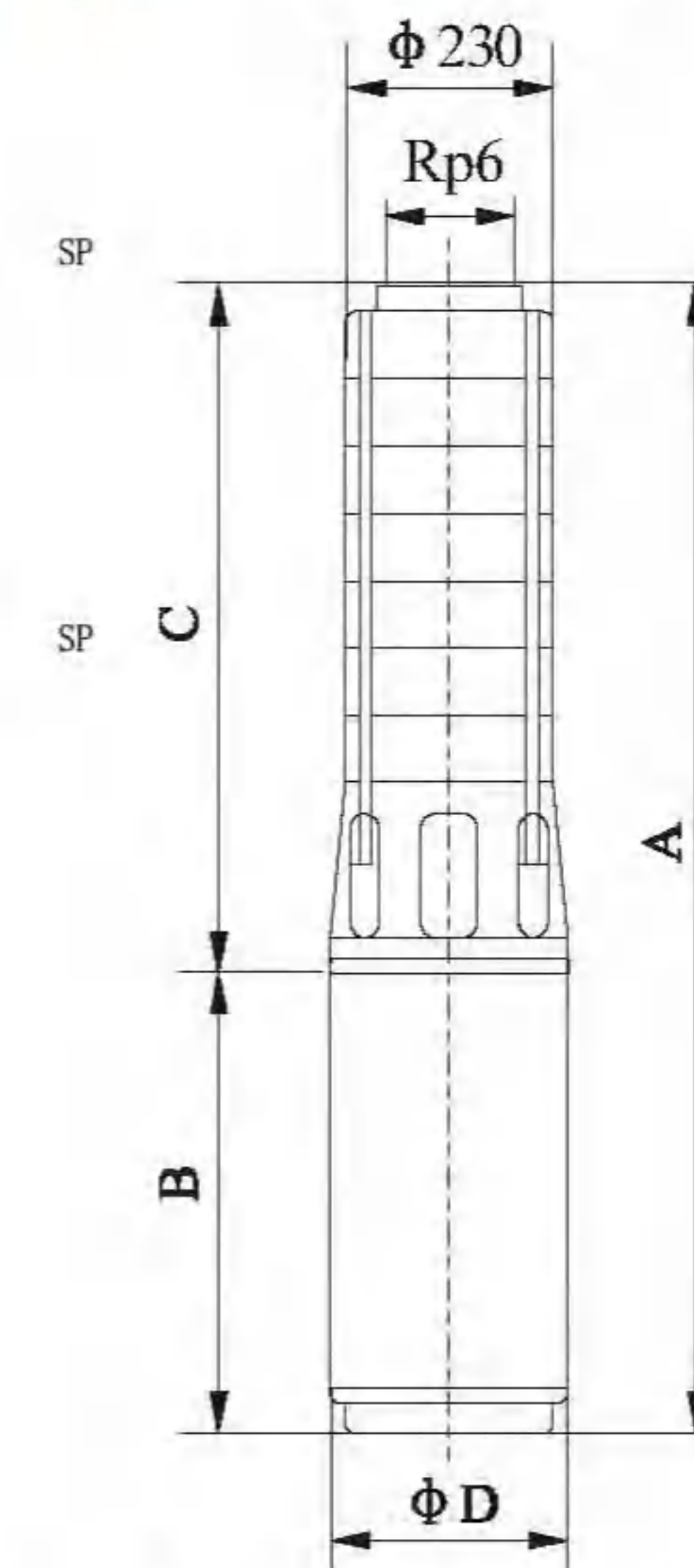
ISO9906 Annex A 2900rpm



● Performance table

Model	Driving motor		Q (m ³ /h)	60	70	80	90	100	110	120	130	140	150	Model	Driving motor		Q (m ³ /h)	60	70	80	90	100	110	120	130	140	150
	(kW)	(hp)													(kW)	(hp)											
SP120-1	11	15	H (m)	22.5	22	21.5	21	20.5	20	19	18.5	17.5	16.5	SJ120-7-2	63	85	H (m)	147	144	140.5	136.5	132.5	128	123	119	113	106
SP120-2-2	15	20		33.5	33	32	30	29	28.5	27.5	26.5	24.5	24	SJ120-7-1	63	85		153	150	146.5	142.5	138.5	135	130	125.5	120	112.5
SP120-2-1	18.5	25		40.5	40	38.5	37.5	36	35.5	33.5	32.5	29.5	28	SJ120-7	75	100		159	156.5	153	149	145	142	138	133	126	119.5
SP120-2	22	30		45.5	44.5	43.5	42.5	41.5	40.5	39	38	36	34	SJ120-8-2	75	100		170	167	164.5	158	153	148.5	143	138	131.5	123
SP120-3-2	25	34		55	54.5	52.5	51	49.5	48.5	46.5	45	42.5	40.5	SJ120-8-1	75	100		175.5	173	168.5	163.5	159	155.5	150	145	138	129.5
SP120-3-1	30	40		62.5	61.5	60	58	56	54	53.5	51	48.5	46	SJ120-8	75	100		181.5	179.5	175	170.5	166	163	157.5	152.5	144	136.5
SP120-3	30	40		68	67	65.5	64	62	61	59	57	54	51	SJ120-9-2	90	120		192.5	189	184	179.5	174	168.5	162.5	157	149.5	140
SP120-4-2	37	50		78.5	77	75	72.5	70.5	69	66.5	65	60.5	57.5	SJ120-9-1	90	120		198	195	190.5	185	180	175.5	169.5	164	156	147
SP120-4-1	37	50		85	84	82	79.5	77	76	73.5	71	67	64	SJ120-9	90	120		204	201.5	198	191.5	186.5	182.5	177.5	171.5	162	153.5
SP120-4	37	50		90.5	89.5	87.5	85.5	83	81.5	78.5	76	72	68	SJ120-10-2	90	120		215.5	211	206	200.5	194.5	188.5	182.5	176.5	167.5	157.5
SP120-5-2	45	60		102	100.5	97.5	95	91.5	90	86.5	84	79	74.5	SJ120-10-1	90	120		221	217	212	206.5	200.5	195.5	189.5	183	174	164
SP120-5-1	45	60		108.5	106.5	103.5	101	98.5	96.5	94	91	86.5	82	SJ120-10	110	150		227	223.5	219	213	207.5	202.5	197	190.5	180	170.5
SP120-5	55	75		113.5	112	109.5	106.5	103.5	101.5	98.5	95	90	85	SJ120-11-2	110	150		238	233	228	222	215.5	208	202	195.5	185.5	174.5
SP120-6-2	55	75		125	122.5	119	116.5	112.5	109	104.5	101.5	96	90.5	SJ120-11-1	110	150		243.5	239.5	234	227.5	221.5	215	209	202	192	181
SP120-6-1	55	75		131	129.5	126.5	123.5	120	117	113	109	103	98	SJ120-11	110	150		250	245.5	241	234.5	228	222.5	216.5	209.5	198.5	187.5
SP120-6	63	85	136	134.5	131	127.5	124.5	121.5	118	114	108	102															

● Installation sketch



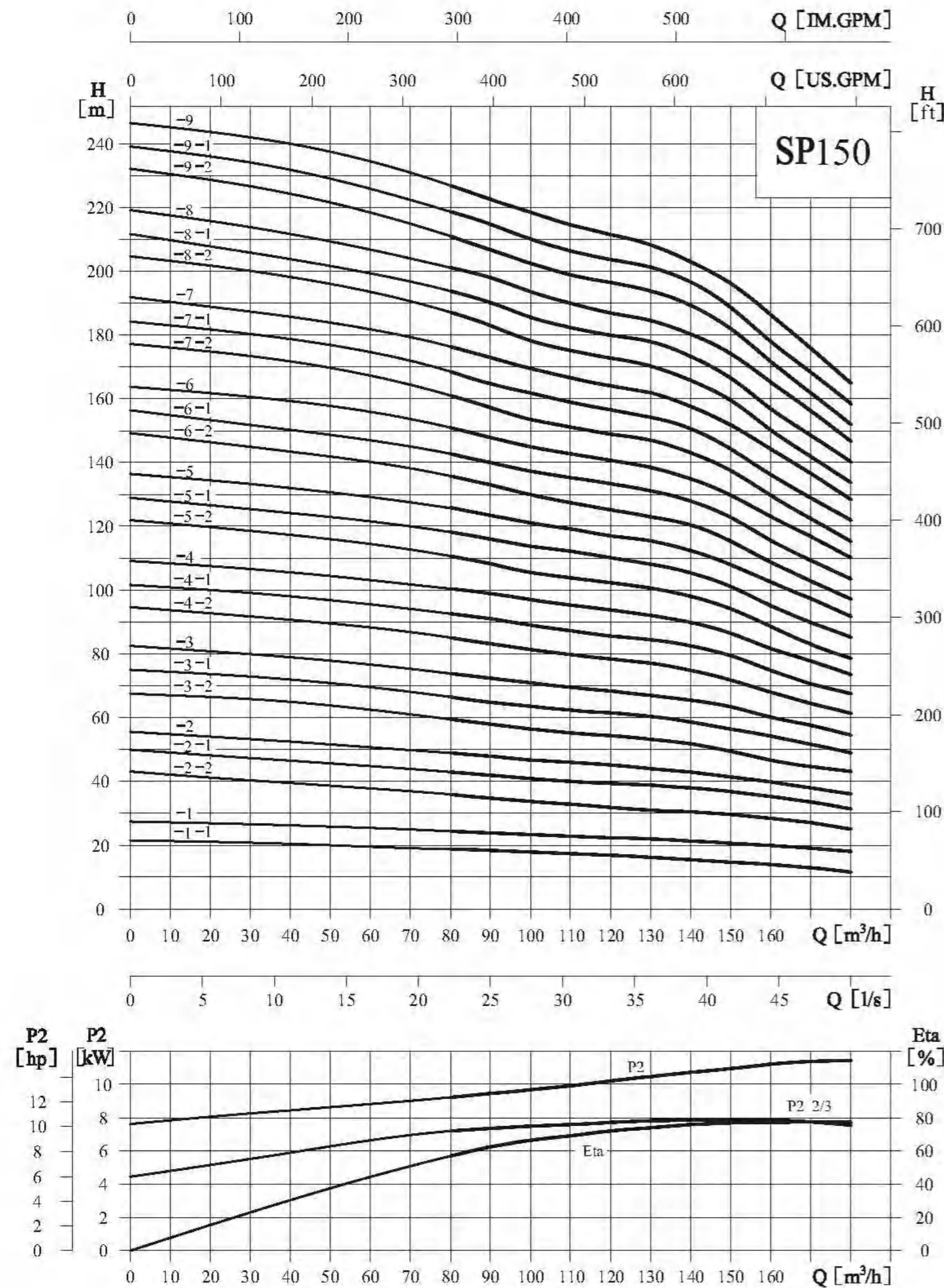
● Size and weight

Model	Size(mm)				Weight (kg)	Model	Size(mm)				Weight (kg)
	A	B	C	Φ D			A	B	C	Φ D	
SP120-1	1380	820	560	184	121	SJ120-7-2	3010	1490	1520	192	296
SP120-2-2	1580	860	720	184	135	SJ120-7-1	3010	1490	1520	192	296
SP120-2-1	1610	890	720	184	140	SJ120-7	3060	1540	1520	192	306
SP120-2	1660	940	720	184	155	SJ120-8-2	3220	1540	1680	192	314
SP120-3-2	1870	990	880	184	173	SJ120-8-1	3220	1540	1680	192	314
SP120-3-1	1930	1050	880	184	187	SJ120-8	3220	1540	1680	192	314
SP120-3	1930	1050	880	184	187	SJ120-9-2	3484	1644	1840	192	342
SP120-4-2	2190	1150	1040	184	210	SJ120-9-1	3484	1644	1840	192	342
SP120-4-1	2190	1150	1040	184	210	SJ120-9	3484	1644	1840	192	342
SP120-4	2190	1150	1040	184	210	SJ120-10-2	3644	1644	2000	192	350
SP120-5-2	2440	1240	1200	184	233	SJ120-10-1	3644	1644	2000	192	350
SP120-5-1	2440	1240	1200	184	233	SJ120-10	3764	1764	2000	192	376
SP120-5	2570	1370	1200	184	253	SJ120-11-2	3924	1764	2160	192	384
SP120-6-2	2730	1370	1360	184	261	SJ120-11-1	3924	1764	2160	192	384
SP120-6-1	2730	1370	1360	184	261	SJ120-11	3924	1764	2160	192	384
SP120-6	2850	1490	1360	192	288						

Note: The size B is varied with the motors of different manufacturers.

Performance curve

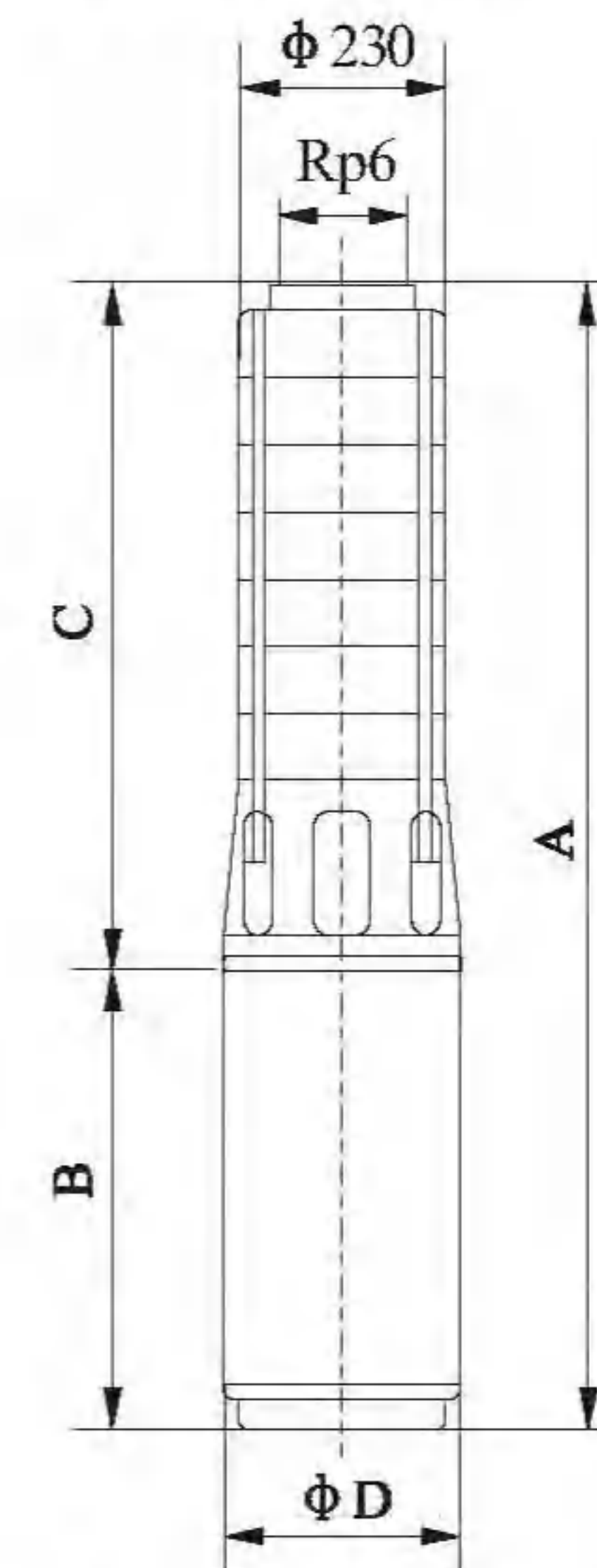
ISO9906 Annex A 2900rpm



Performance table

Model	Driving motor		Q (m³/h)	80	90	100	110	120	130	140	150	160	170	180
	(kW)	(hp)												
SP150-1-1	9.2	12.5		18.5	18	17.5	17	16.5	16	15	14.5	13.5	13	11.5
SP150-1	13	17.5		24	23.5	23	22.5	22	21.5	21	20	19.5	19	18
SP150-2-2	18.5	25		35.5	34	32	31.5	31	29.5	29	28.5	28	27	25
SP150-2-1	22	30		43	41.5	40	39	38.5	38	37.5	36	35.5	34	31
SP150-2	25	34		48.5	47.5	46	45	44.5	44	42.5	41	39.5	38	36
SP150-3-2	30	40		60	57	54.5	54	53.5	53	52.5	49.5	46.5	44.5	43
SP150-3-1	37	50		66.5	64	62.5	61.5	60.5	60	59.5	56.5	54	51.5	49
SP150-3	37	50		74.5	72.5	70.5	69.5	68	67.5	65.5	63.5	60	57.5	54.5
SP150-4-2	45	60		85.5	83	80	79	77.5	77	76	73	66.5	63.5	61
SP150-4-1	45	60		93	90	87.5	86.5	84.5	83.5	83	79.5	73.5	70.5	67
SP150-4	55	75		100.5	98	96	94.5	93	92.5	89.5	86.5	80.5	77.5	73
SP150-5-2	55	75		111.5	107	104	103	102	101	98	94	86.5	81.5	78.5
SP150-5-1	55	75		118.5	114.5	112	110.5	108.5	107	105.5	101	94	89.5	85
SP150-5	63	85		126	122.5	120	118	116	115	112.5	108.5	101.5	97	91.5
SP150-6-2	63	85		137	131.5	128	126.5	123	122	120.5	115.5	107	101	97
SP150-6-1	75	100		144	139	136	134	132	131.5	128	122.5	114.5	109	103.5
SP150-6	75	100		151.5	147	144	141.5	139.5	138	135	130	122	116.5	110
SP150-7-2	75	100		162.5	156	152.5	150.5	146	145	143	138	128	121	115
SP150-7-1	90	120		169.5	163.5	160.5	158	155	153	150.5	145	135.5	129	121.5
SP150-7	90	120		177	171.5	168.5	165.5	163.5	162.5	157.5	152.5	143	136.5	128
SP150-8-2	90	120		188	180.5	177	174.5	172	171	165.5	160.5	149	140.5	133.5
SP150-8-1	110	150		195	188	185	182	180	178.5	173	168.5	156.5	148.5	140
SP150-8	110	150		202.5	196	193	189.5	187	186	180	175	164	156	146.5
SP150-9-2	110	150		213.5	205	201.5	198	196	194	188.5	182.5	170.5	160	152
SP150-9-1	110	150		220.5	212.5	209.5	205.5	203	201.5	196	189.5	178	168	158.5
SP150-9	110	150		228	220.5	217.5	213	210	209	203	197	185.5	175.5	165

Installation sketch



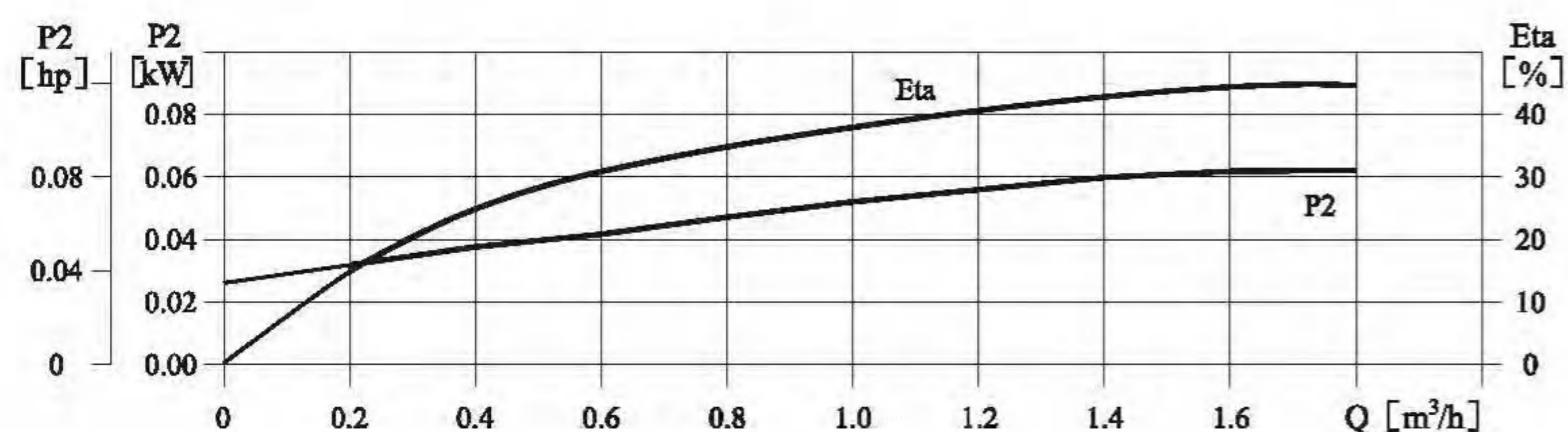
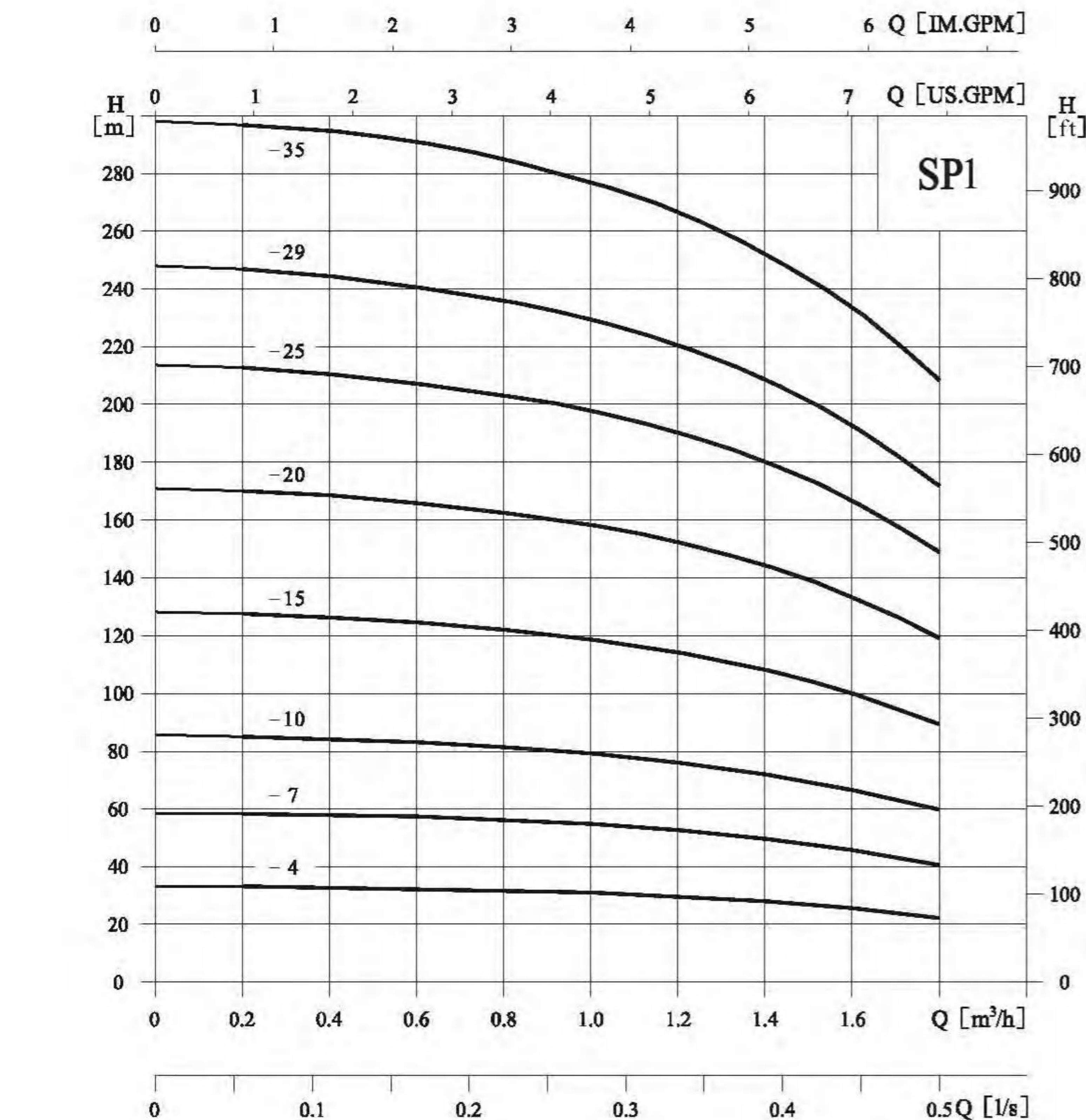
Size and weight

Model	Size(mm)				Weight (kg)
	A	B	C	ϕD	
SP150-1-1	1360	800	560	184	117
SP150-1	1420	860	560	184	124
SP150-2-2	1610	890	720	184	141
SP150-2-1	1660	940	720	184	156
SP150-2	1710	990	720	184	166
SP150-3-2	1930	1050	880	184	188
SP150-3-1	2030	1150	880	184	202
SP150-3	2030	1150	880	184	202
SP150-4-2	2280	1240	1040	184	225
SP150-4-1	2280	1240	1040	184	225
SP150-4	2410	1370	1040	184	245
SP150-5-2	2570	1370	1200	184	253
SP150-5-1	2570	1370	1200	184	253
SP150-5	2690	1490	1200	192	280
SP150-6-2	2850	1490	1360	192	288
SP150-6-1	2900	1540	1360	192	298
SP150-6	2900	1540	1360	192	298
SP150-7-2	3060	1540	1520	192	306
SP150-7-1	3164	1644	1520	192	326
SP150-7	3164	1644	1520	192	326
SP150-8-2	3324	1644	1680	192	334
SP150-8-1	3444	1764	1680	192	360
SP150-8	3444	1764	1680	192	360
SP150-9-2	3604	1764	1840	192	369
SP150-9-1	3604	1764	1840	192	369
SP150-9	3604	1764	1840	192	369

Note: The size B is varied with the motors of different manufacturers.

Performance curve

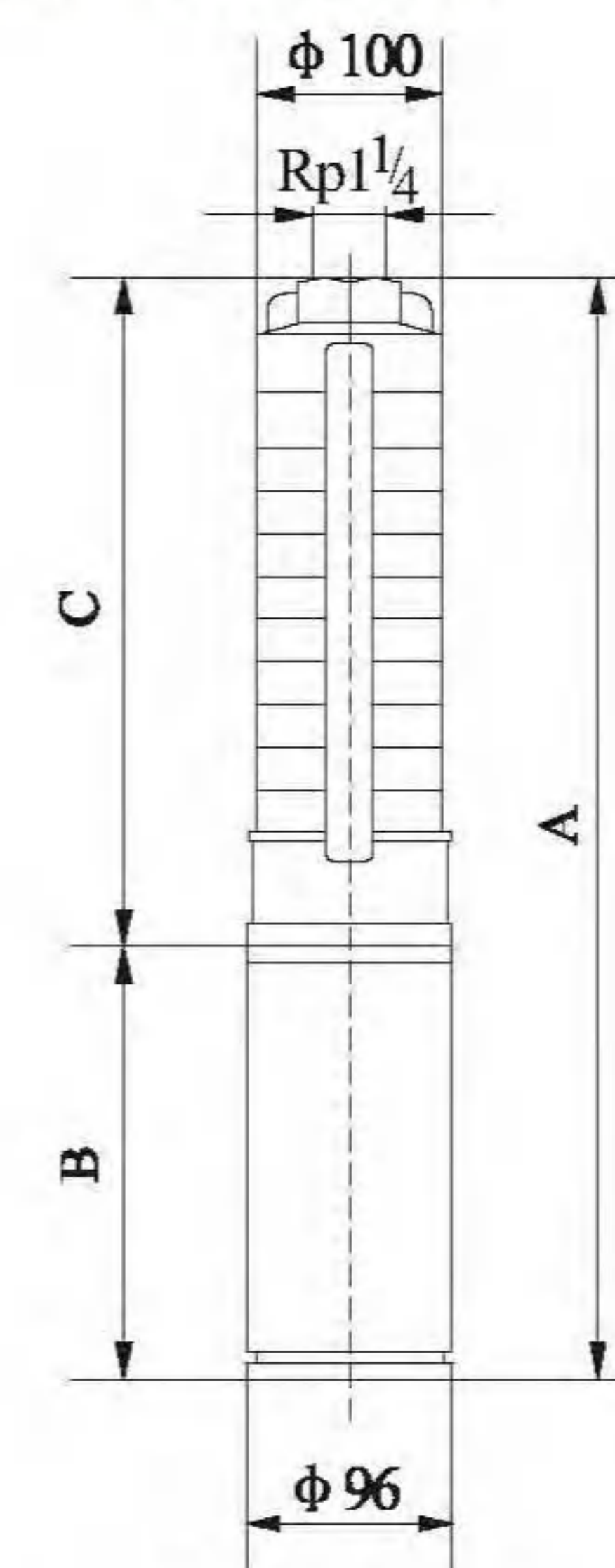
ISO9906 Annex A 3440rpm



Performance table

Model	Driving motor		Q (m³/h)	0.2	0.4	0.6	0.8	1.0	1.2	1.4	1.6	1.8
	(kW)	(hp)										
SP1-4	0.37	0.5		33	32.5	32	31.5	31	29.5	28	25.5	22.5
SP1-7	0.55	0.75		58.5	58	57.5	56	55	53	50	46	41
SP1-10	0.75	1		85	84	83	81	79	75	71	66	59
SP1-15	1.1	1.5		127	126	125	123	118	114	108	100	89
SP1-20	1.5	2		170	168	166	163	158	152	144	133	119
SP1-25	2.2	3		213	211	207	203	198	190	180	167	149
SP1-29	2.2	3		247	244	241	236	230	221	209	193	172
SP1-35	3.0	4		297	295	291	285	277	267	252	234	209

Installation sketch



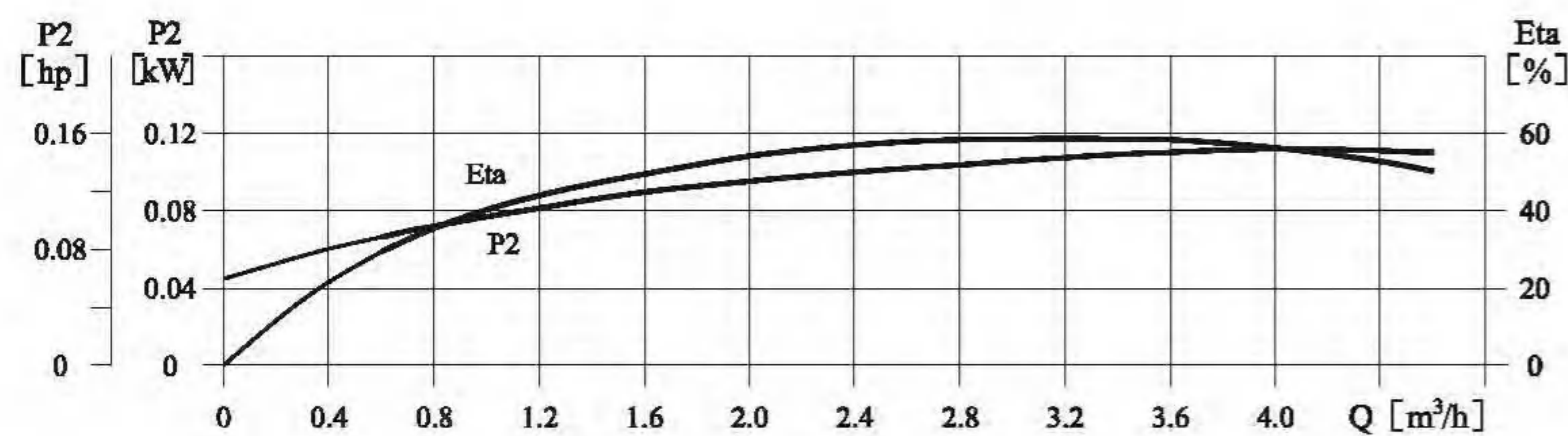
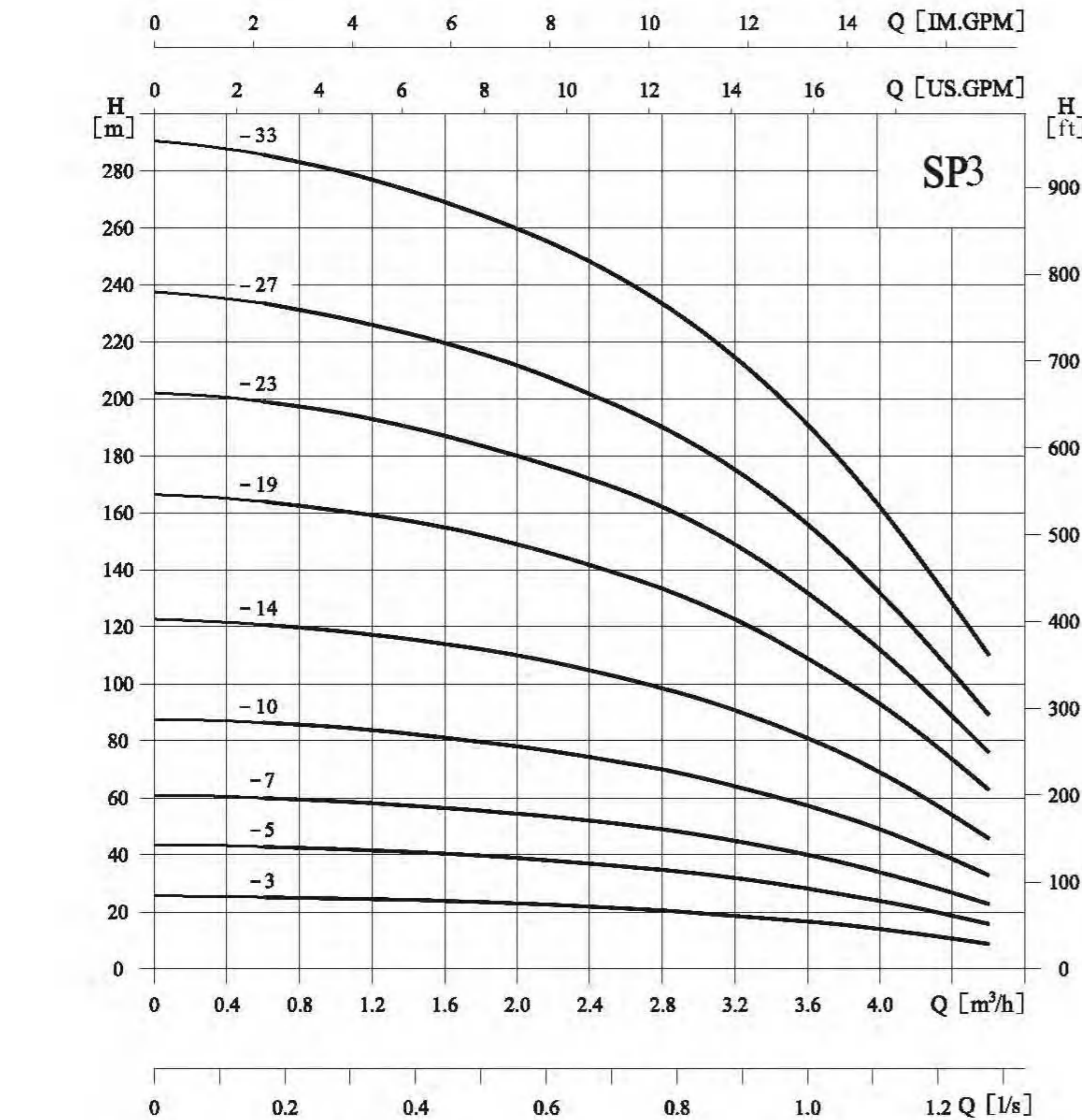
Size and weight

Model	Size(mm)			Weight (kg)
	A	B	C	
SP1-4	625	370	255	12
SP1-7	698	380	318	14
SP1-10	781	400	381	16
SP1-15	926	440	486	18
SP1-20	1061	470	591	22
SP1-25	1206	510	696	27
SP1-29	1290	510	780	28
SP1-35	1526	620	906	30

Note: The size B is varied with the motors of different manufacturers.

Performance curve

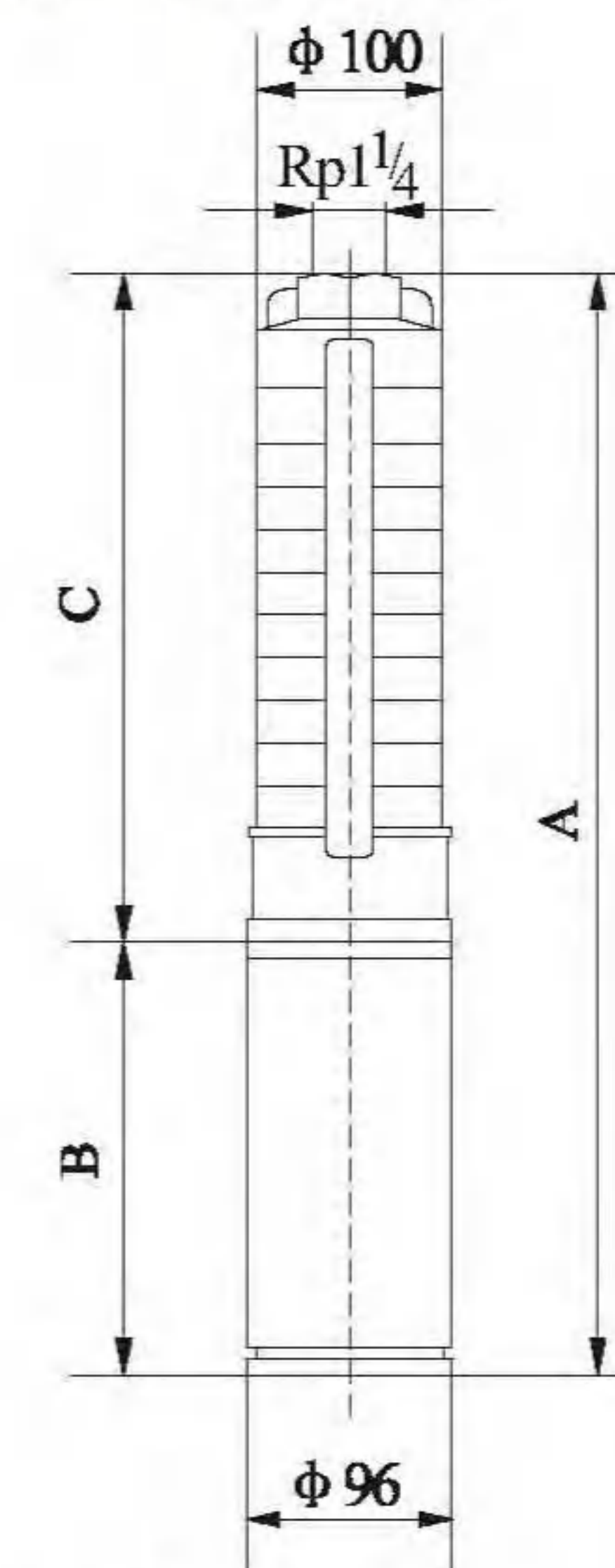
ISO9906 Annex A 3440rpm



Performance table

Model	Driving motor		Q (m³/h)	0.6	1.2	1.6	2.0	2.4	3.0	3.6	4.0	4.6
	(kW)	(hp)										
SP3-3	0.37	0.5		25	24.5	24	23	22	20	16.5	14	9
SP3-5	0.55	0.75		43	41.5	40.5	39	37	34	28	24	16
SP3-7	0.75	1		60	58	56.5	54.5	52	47	40	34	23
SP3-10	1.1	1.5		86	84	81	78	74	68	57	49	33
SP3-14	1.5	2		121	117	114	110	105	95	81	69	46
SP3-19	2.2	3		164	159	155	149	142	129	109	93	63
SP3-23	3	4		199	193	187	180	172	156	132	112	76
SP3-27	3	4		233	226	220	212	202	183	156	132	89
SP3-33	4	5.5		286	277	269	260	248	223	191	162	110

Installation sketch



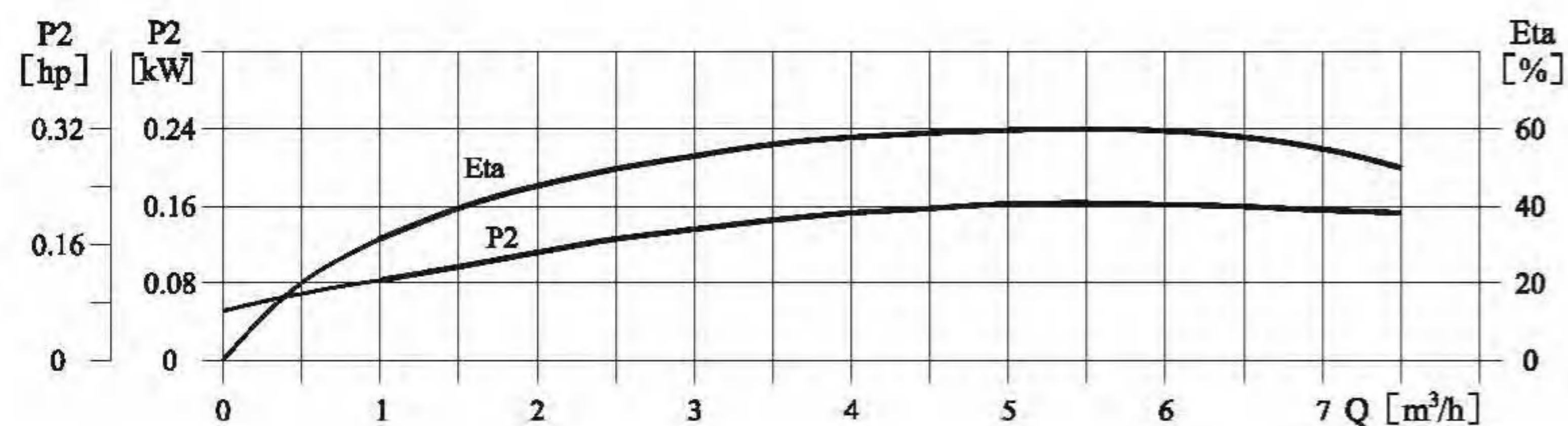
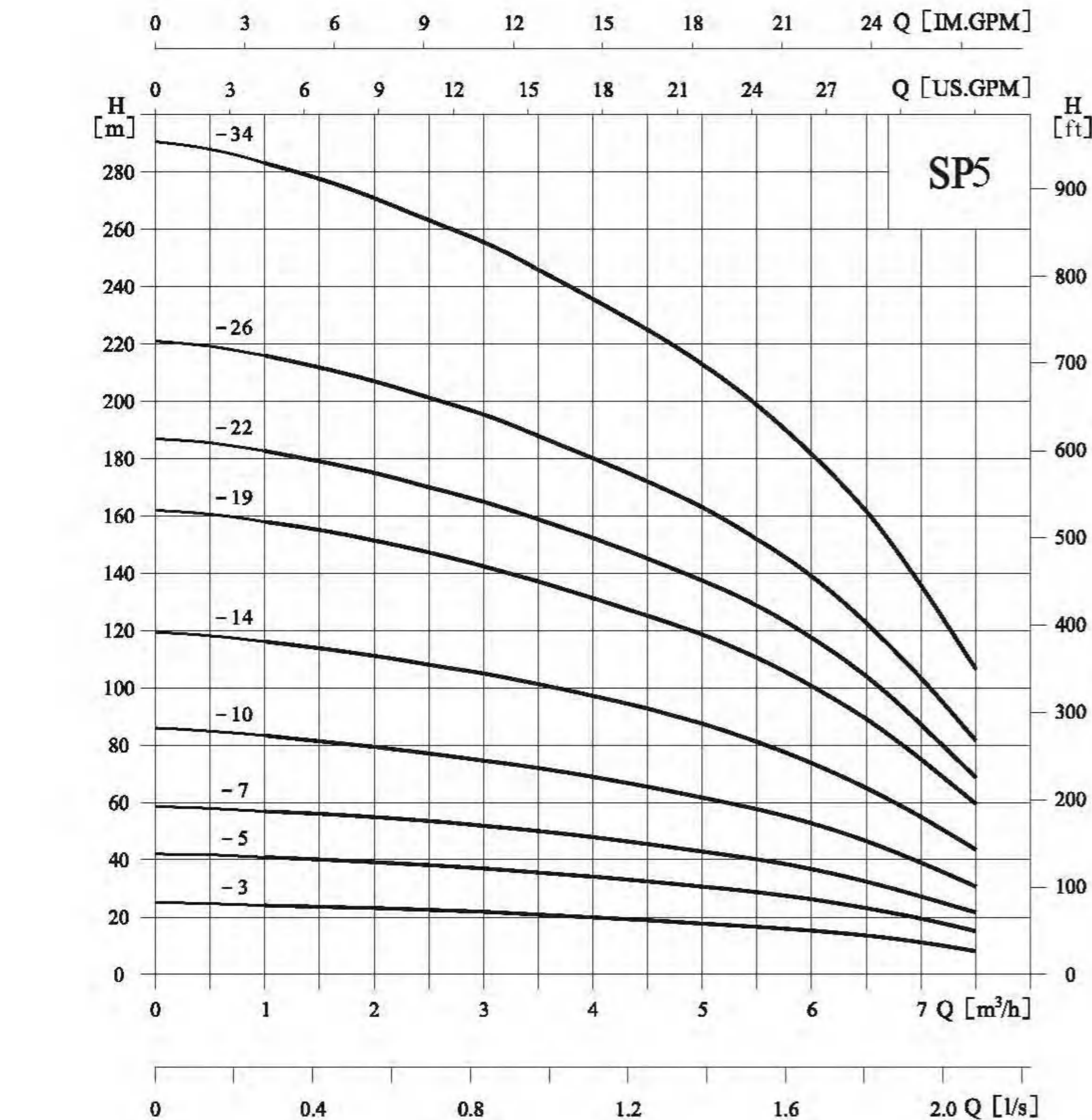
Size and weight

Model	Size(mm)			Weight (kg)
	A	B	C	
SP3-3	604	370	234	12
SP3-5	656	380	276	13
SP3-7	718	400	318	15
SP3-10	821	440	381	17
SP3-14	935	470	465	20
SP3-19	1080	510	570	25
SP3-23	1274	620	654	28
SP3-27	1358	620	738	29
SP3-33	1614	750	864	32

Note: The size B is varied with the motors of different manufacturers.

Performance curve

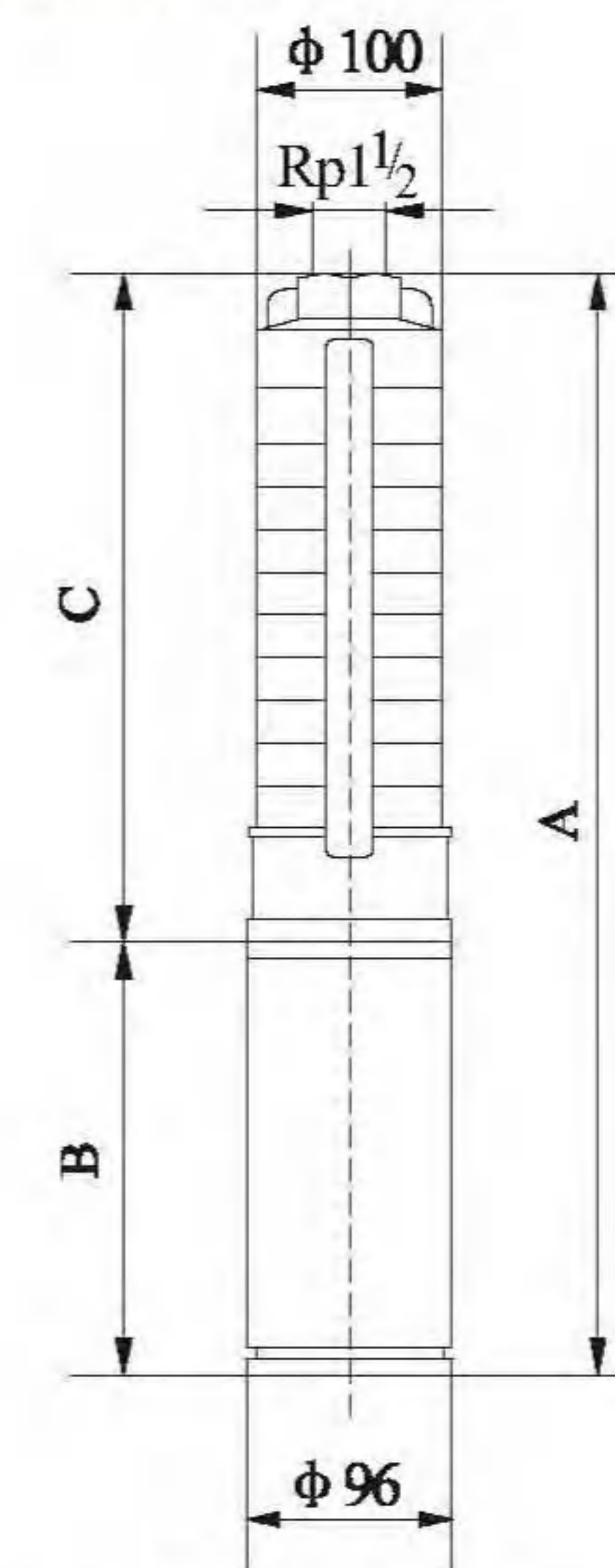
ISO9906 Annex A 3440rpm



Performance table

Model	Driving motor		Q (m³/h)	1.0	2.0	3.0	3.5	4.0	4.5	5.0	5.5	6.0	7.0	7.5
	(kW)	(hp)												
SP5-3	0.55	0.75		24	23	22	21	20	19	18	17	15.5	11.5	8.5
SP5-5	0.75	1		41	39	37	35.5	34	32.5	31	29	26.5	19.5	15.5
SP5-7	1.1	1.5		57	55	52	50	48	46	43	40	37	27	22
SP5-10	1.5	2		83	79	75	72	69	66	62	58	53	39	31
SP5-14	2.2	3		116	111	105	101	97	93	88	82	74	55	44
SP5-19	3	4		158	151	143	137	131	125	119	111	101	75	60
SP5-22	4	5.5		183	175	165	159	152	145	138	129	117	87	69
SP5-26	4	5.5		216	207	196	188	180	172	163	152	139	103	82
SP5-34	5.5	7.5		282	271	256	246	235	225	213	199	182	135	107

Installation sketch



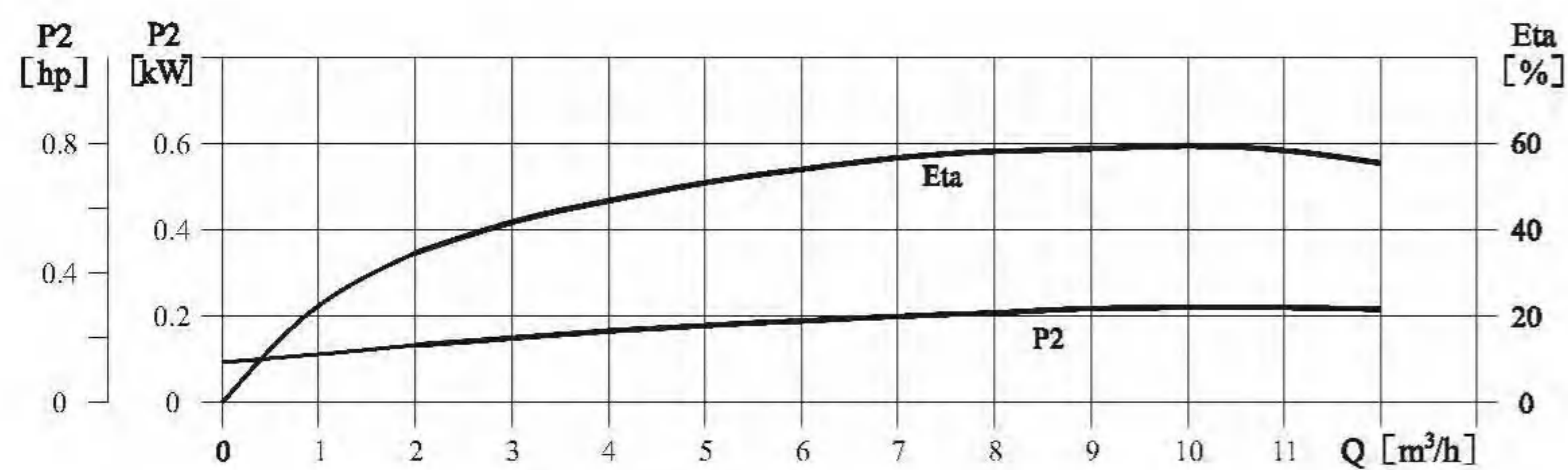
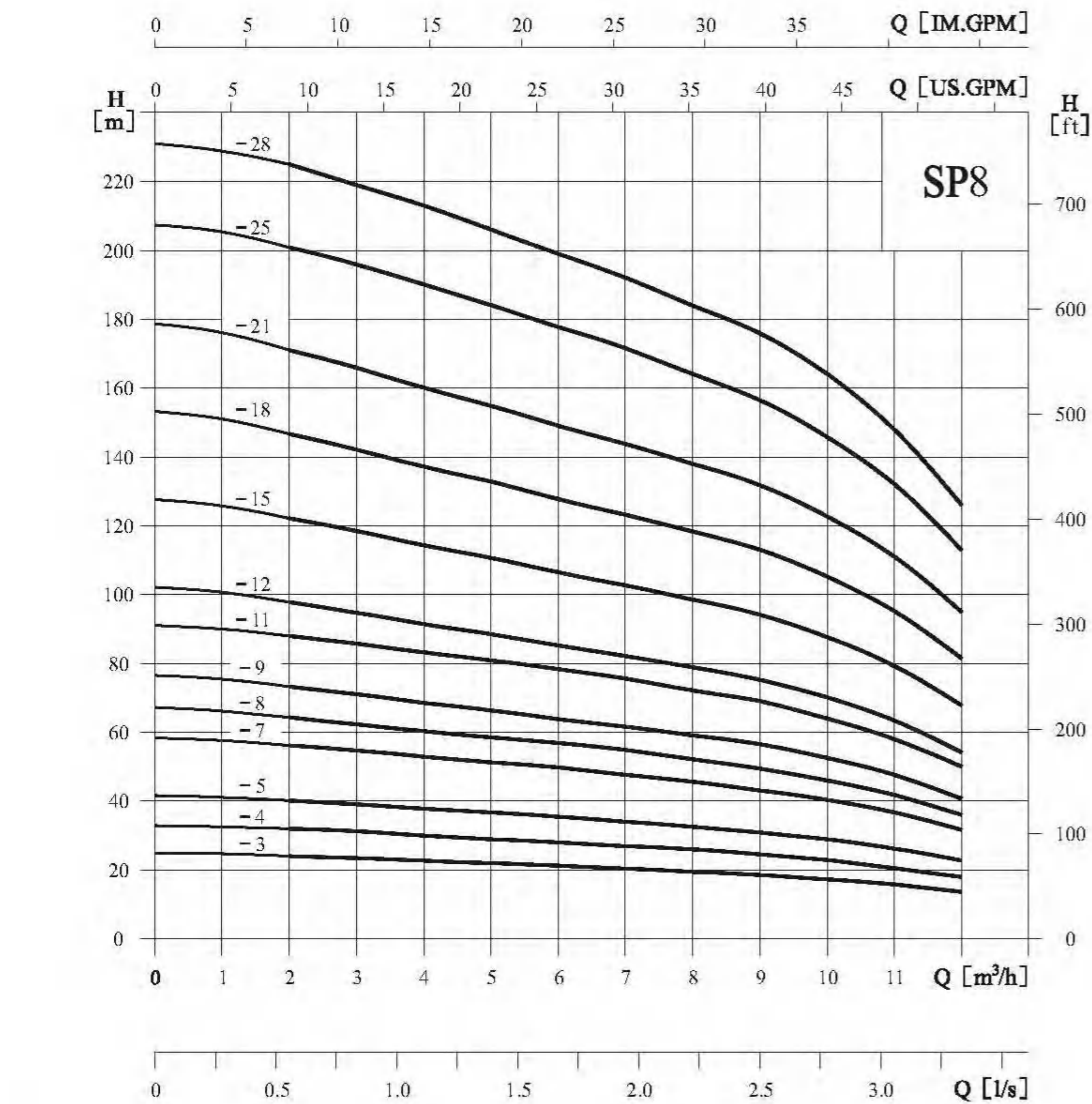
Size and weight

Model	Size(mm)			Weight (kg)
	A	B	C	
SP5-3	614	380	234	12
SP5-5	676	400	276	14
SP5-7	758	440	318	16
SP5-10	851	470	381	19
SP5-14	975	510	465	24
SP5-19	1190	620	570	27
SP5-22	1383	750	633	29
SP5-26	1467	750	717	30
SP5-34	1725	840	885	35

Note: The size B is varied with the motors of different manufacturers.

Performance curve

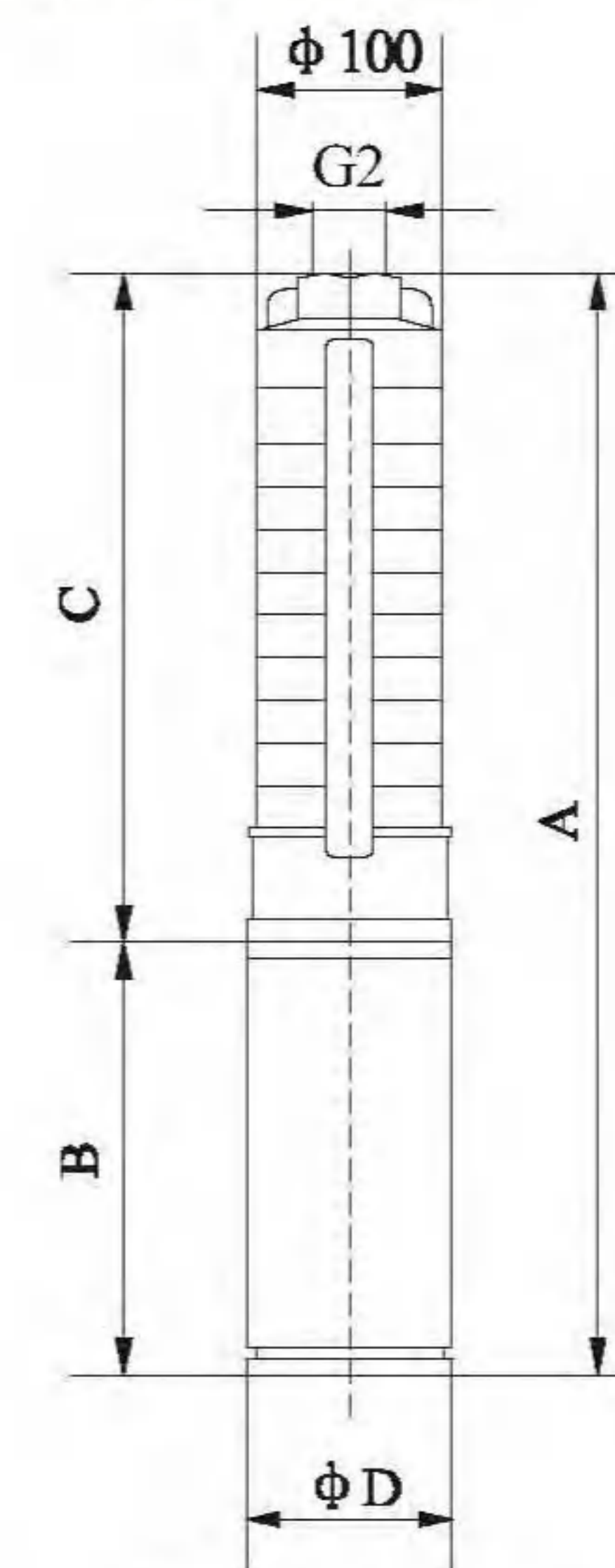
ISO9906 Annex A 3440rpm



Performance table

Model	Driving motor		Q	2	3	4	5	6	7	8	9	10	11	12
	(kW)	(hp)	(m³/h)											
SP8-3	1.1	1.5		24	23.5	22.5	22	21	20.5	19.5	18.5	17	15.5	13.5
SP8-4	1.1	1.5		32	31.5	30	29	28	27	26	24.5	23	20.5	18
SP8-5	1.5	2		40	39	38	36.5	35.5	34	32.5	31	29	26	22.5
SP8-7	2.2	3		56	55	53	51	50	48	46	43	40	37	32
SP8-8	2.2	3		64	62	60	58	57	55	52	49	46	42	36
SP8-9	3	4		72	70	68	66	64	62	59	56	53	48	41
SP8-11	3	4		88	86	83	81	79	76	72	69	64	58	50
SP8-12	4	5.5		97	94	91	89	86	83	79	75	70	63	54
SP8-15	4	5.5		121	118	114	111	107	103	98	94	88	79	68
SP8-18	5.5	7.5		147	142	137	133	128	124	118	113	105	95	81
SP8-21	5.5	7.5		171	166	160	155	149	144	138	132	123	111	95
SP8-25	7.5	10		201	196	190	184	177	172	164	157	146	132	113
SP8-28	7.5	10		225	219	213	206	199	192	184	176	164	148	126

Installation sketch



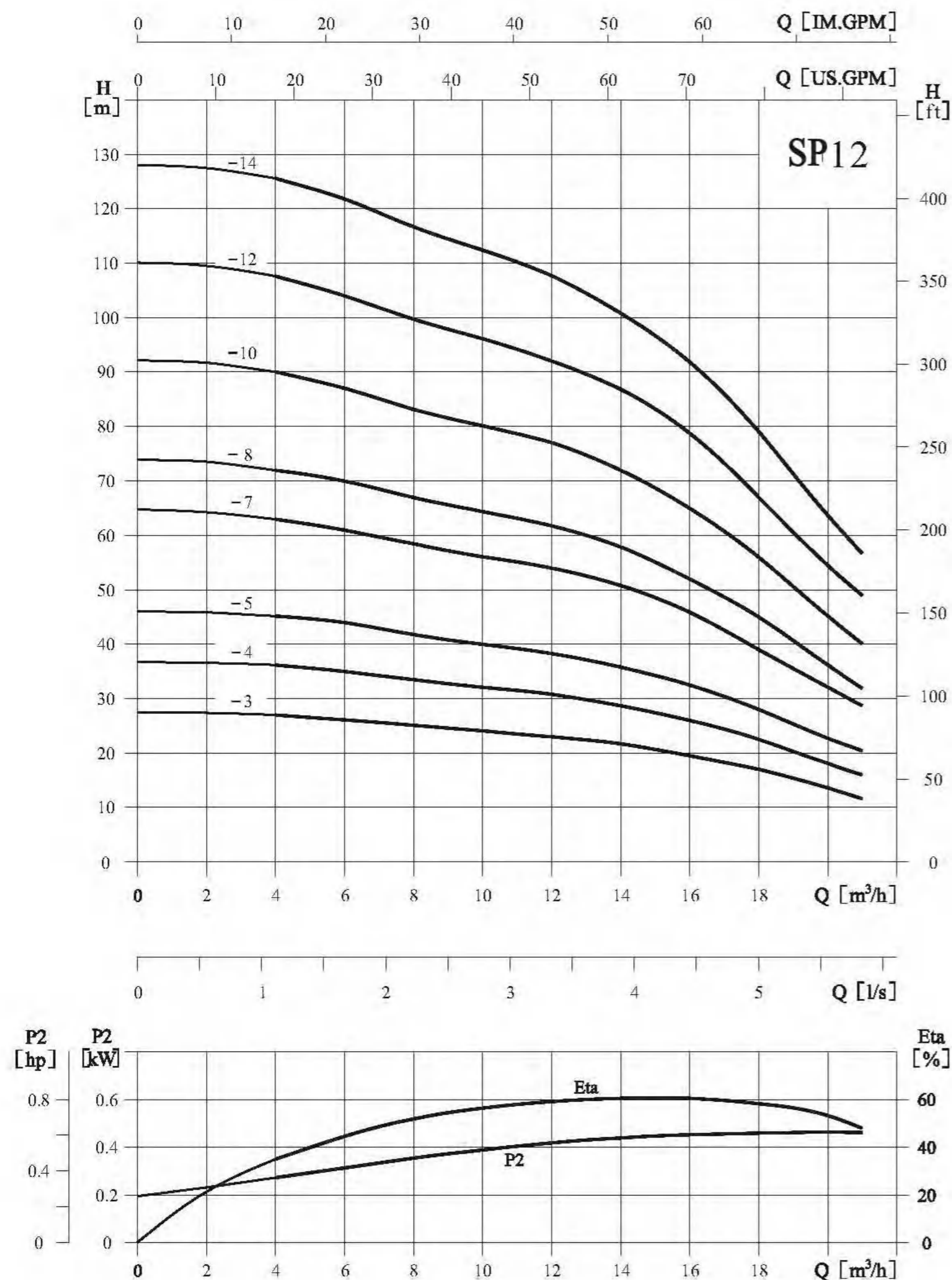
Size and weight

Model	Size(mm)(Coupled to 4/6 motor)				Weight (kg)
	A	B	C	ϕD	
SP8-3	809	440	369	96	17
SP8-4	851	440	411	96	18
SP8-5	923	470	453	96	22
SP8-7	1047	510	537	96	25
SP8-8	1089	510	579	96	26
SP8-9	1241	620	621	96	28
SP8-11	1325	620	705	96	29
SP8-12	1497	750	747	96/143	31/37
SP8-15	1623	750	873	96/143	32/38
SP8-18	1839	840	999	96/143	37/45
SP8-21	1965	840	1125	96/143	39/47
SP8-25	2213	920	1293	96/143	46/57
SP8-28	2339	920	1419	96/143	47/58

Note: The size B is varied with the motors of different manufacturers.

Performance curve

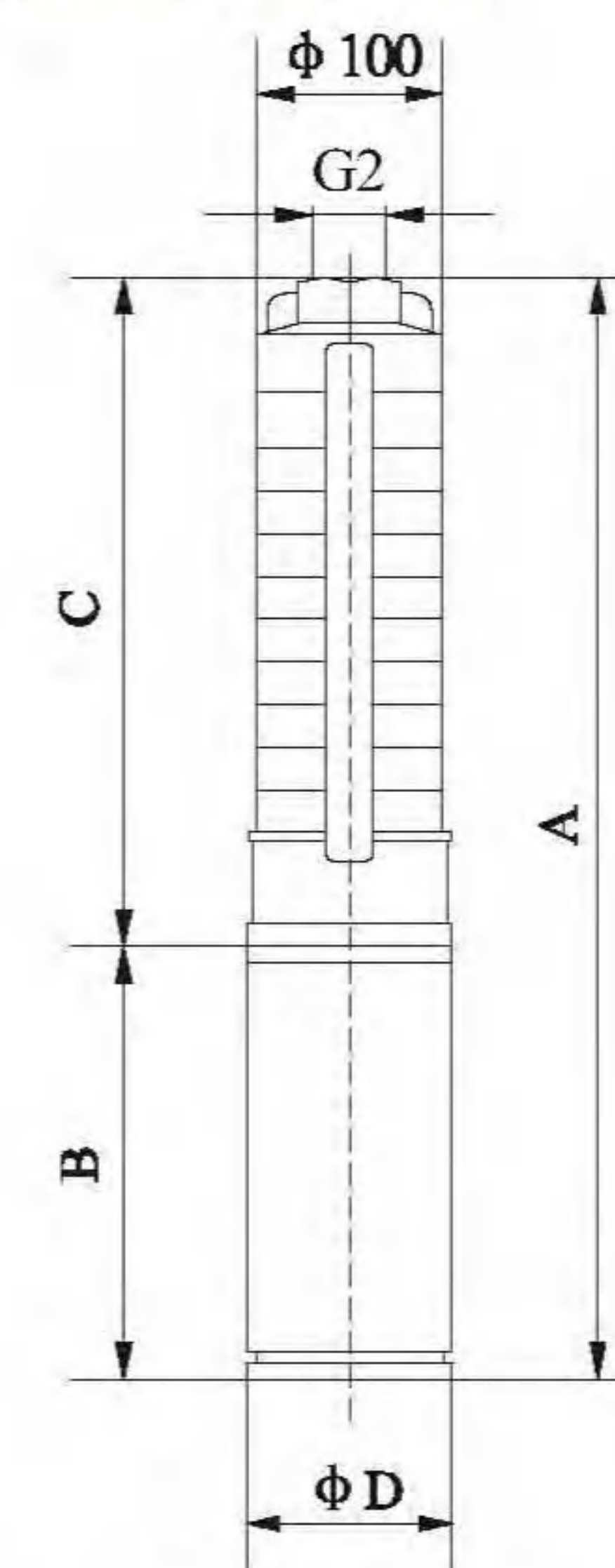
ISO9906 Annex A 3440rpm



Performance table

Model	Driving motor		Q (m^3/h)	4	6	8	10	12	14	16	18	20	21
	(kW)	(hp)											
SP12-3	2.2	3	H (m)	27	26	25	24	23	22	19.5	17	13.5	12
SP12-4	2.2	3		36	35	33	32	31	29	26	22.5	18	16.5
SP12-5	3	4		45	44	41.5	40	38.5	36	32.5	28	22.5	21
SP12-7	4	5.5		63	61	58	56	54	51	46	39	32	28
SP12-8	5.5	7.5		72	70	66	64	62	58	52	45	36	32
SP12-10	5.5	7.5		90	87	83	80	77	72	65	56	45	40
SP12-12	7.5	10		108	104	99	96	92	87	79	67	54	49
SP12-14	7.5	10		126	122	116	112	108	101	92	79	63	57

Installation sketch



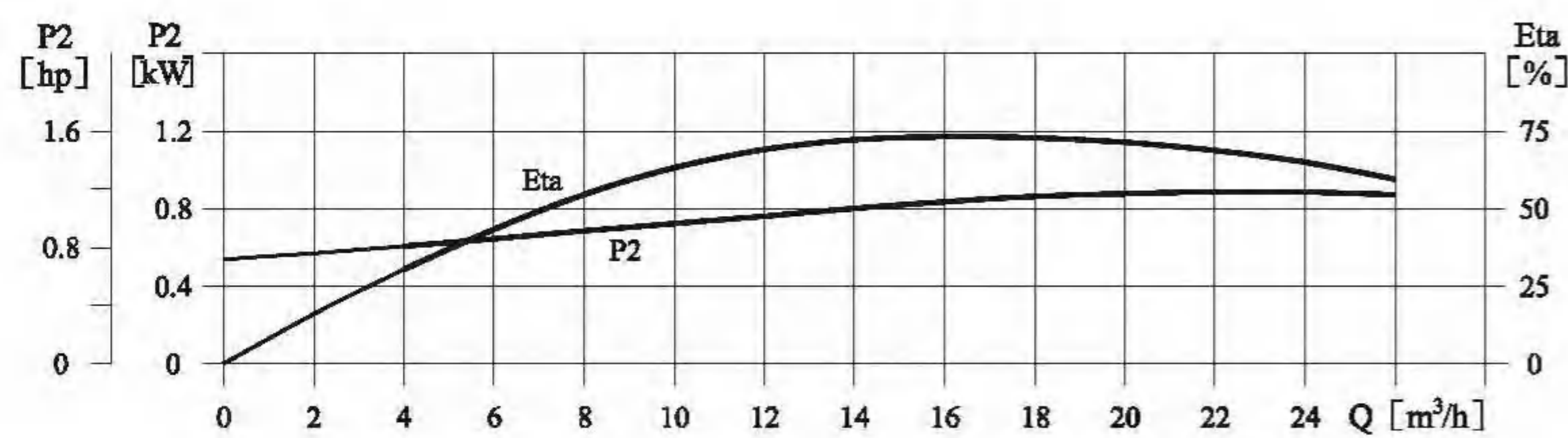
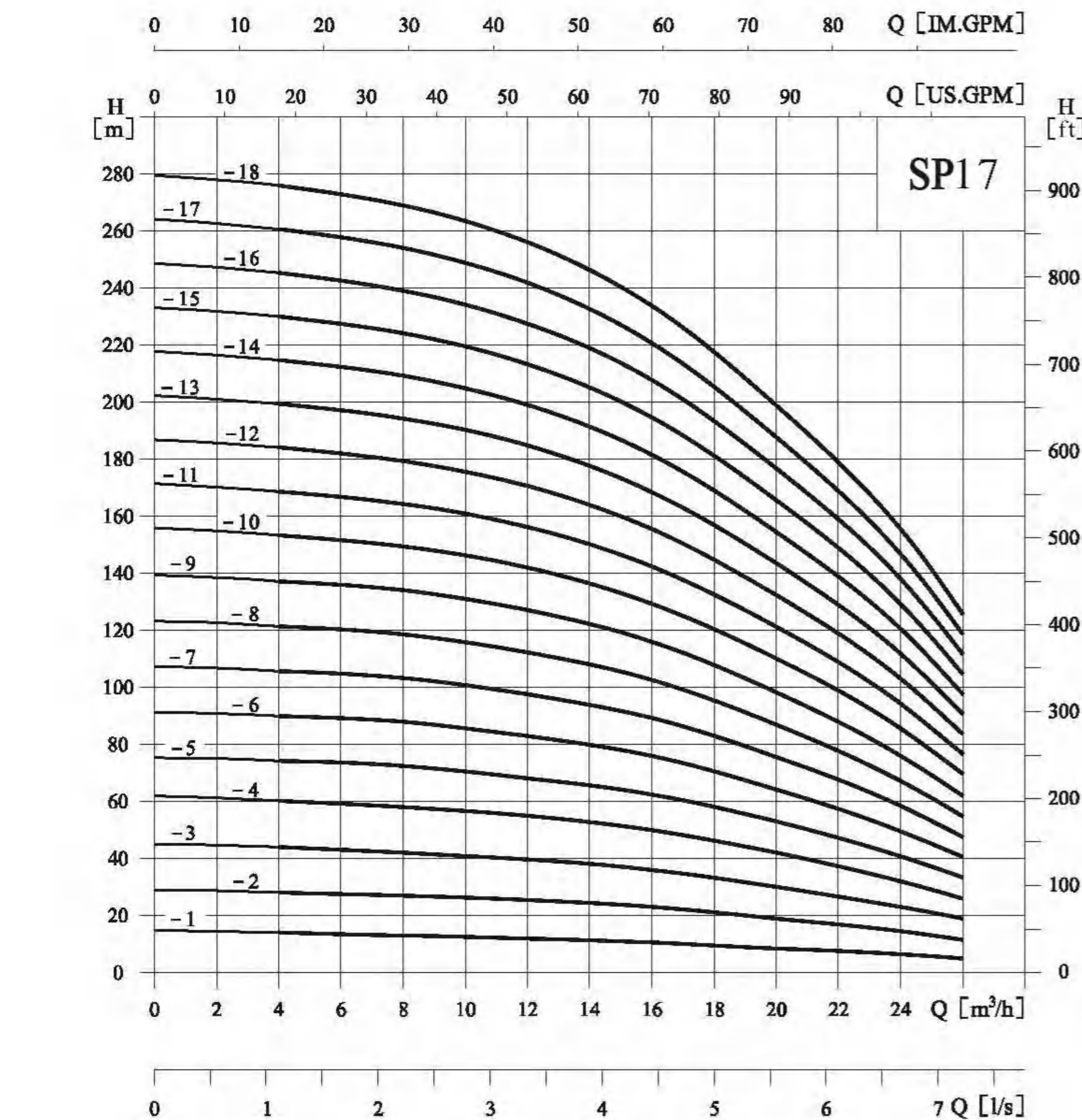
Size and weight

Model	Size(mm)(Coupled to 4/6 motor)				Weight (kg)
	A	B	C	ϕD	
SP12-3	915	510	405	96	24
SP12-4	980	510	470	96	25
SP12-5	1155	620	535	96	28
SP12-7	1415	750	665	96/143	29/35
SP12-8	1570	840	730	96/143	35/43
SP12-10	1700	840	860	96/143	36/44
SP12-12	1910	920	990	96/143	42/53
SP12-14	2040	920	1120	96/143	43/54

Note: The size B is varied with the motors of different manufacturers.

Performance curve

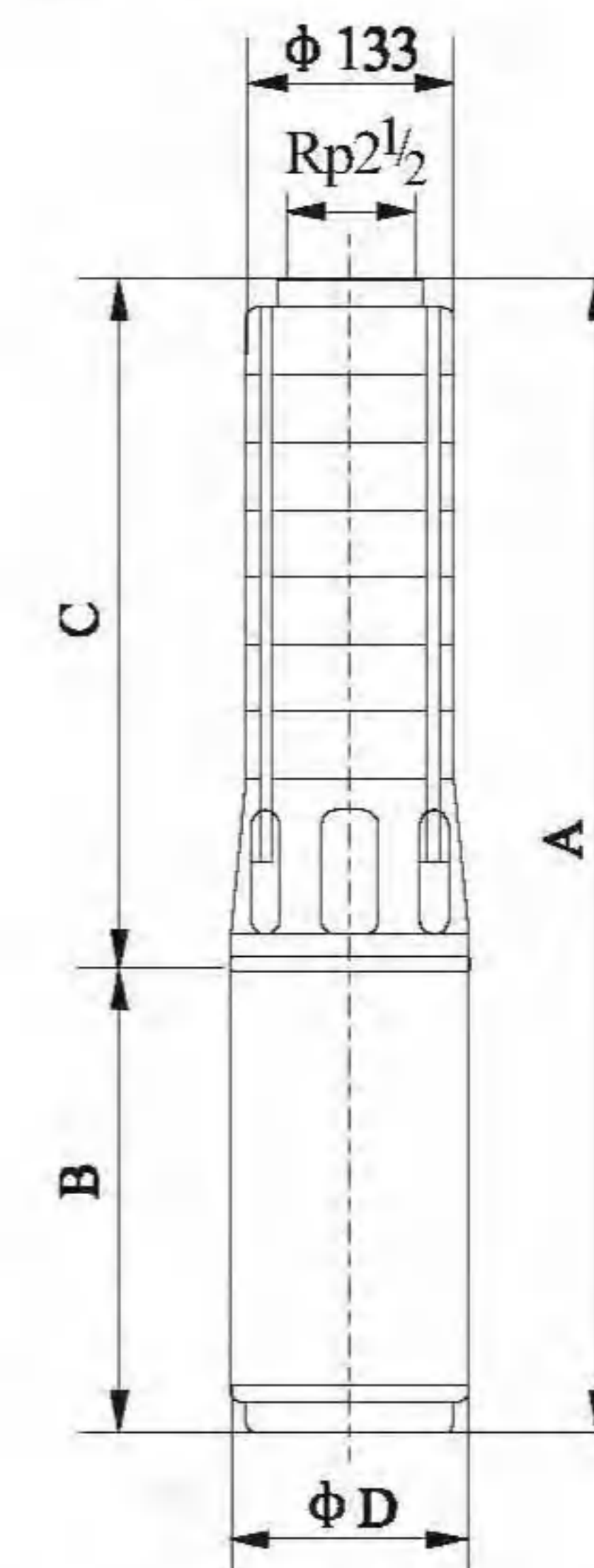
ISO9906 Annex A 3440rpm



Performance table

Model	Driving motor		Q (m³/h)	4	8	12	16	17	20	24	26
	(kW)	(hp)									
SP17-1	1.1	1.5	H (m)	14	13	12	10.5	10	8.5	6.5	5
SP17-2	2.2	3		28	27	25.5	23	22	19	14.5	11.5
SP17-3	3.0	4		44	42	40	36	35	30	23	19
SP17-4	4.0	5.5		60	58	55	50	48	42	32	26
SP17-5	5.5	7.5		75	73	69	63	61	53	41	33
SP17-6	7.5	10		90	88	83	76	74	64	50	40
SP17-7	7.5	10		106	103	98	89	87	75	59	48
SP17-8	9.2	12.5		121	119	113	102	100	86	68	55
SP17-9	9.2	12.5		137	134	127	116	112	97	77	62
SP17-10	11	15		153	149	142	129	125	108	86	69
SP17-11	11	15		168	164	156	143	138	119	95	76
SP17-12	13	17.5		183	179	171	156	151	131	104	84
SP17-13	13	17.5		199	194	185	170	164	142	113	91
SP17-14	15	20		214	209	199	183	177	153	121	98
SP17-15	15	20		229	224	214	196	189	164	130	105
SP17-16	18.5	25		244	239	228	209	202	175	139	112
SP17-17	18.5	25		260	254	242	222	214	186	147	119
SP17-18	18.5	25		275	269	256	235	227	197	156	126

Installation sketch



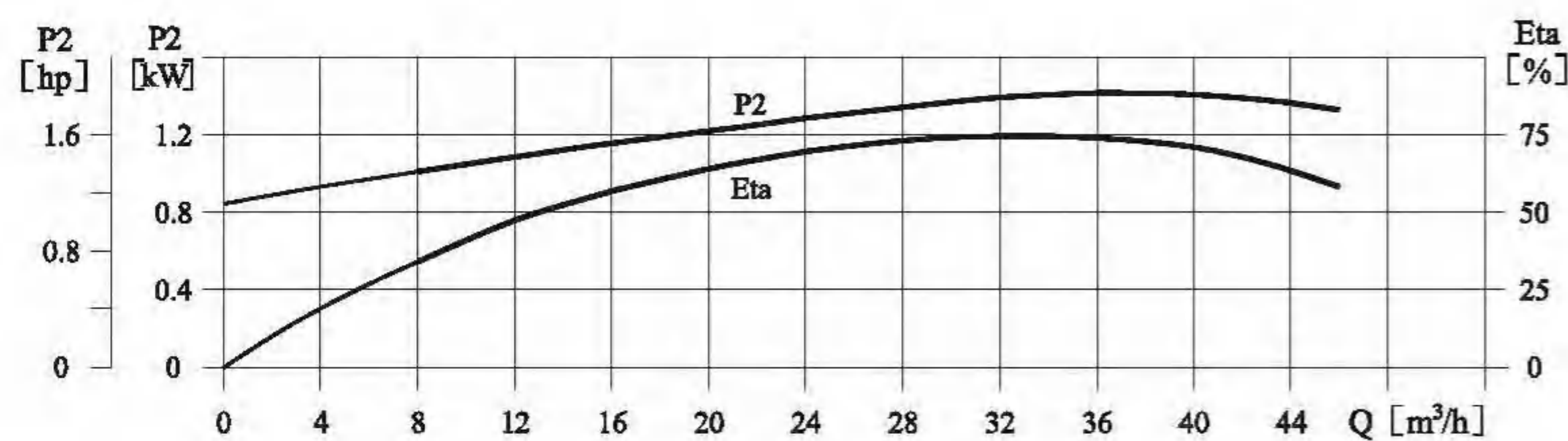
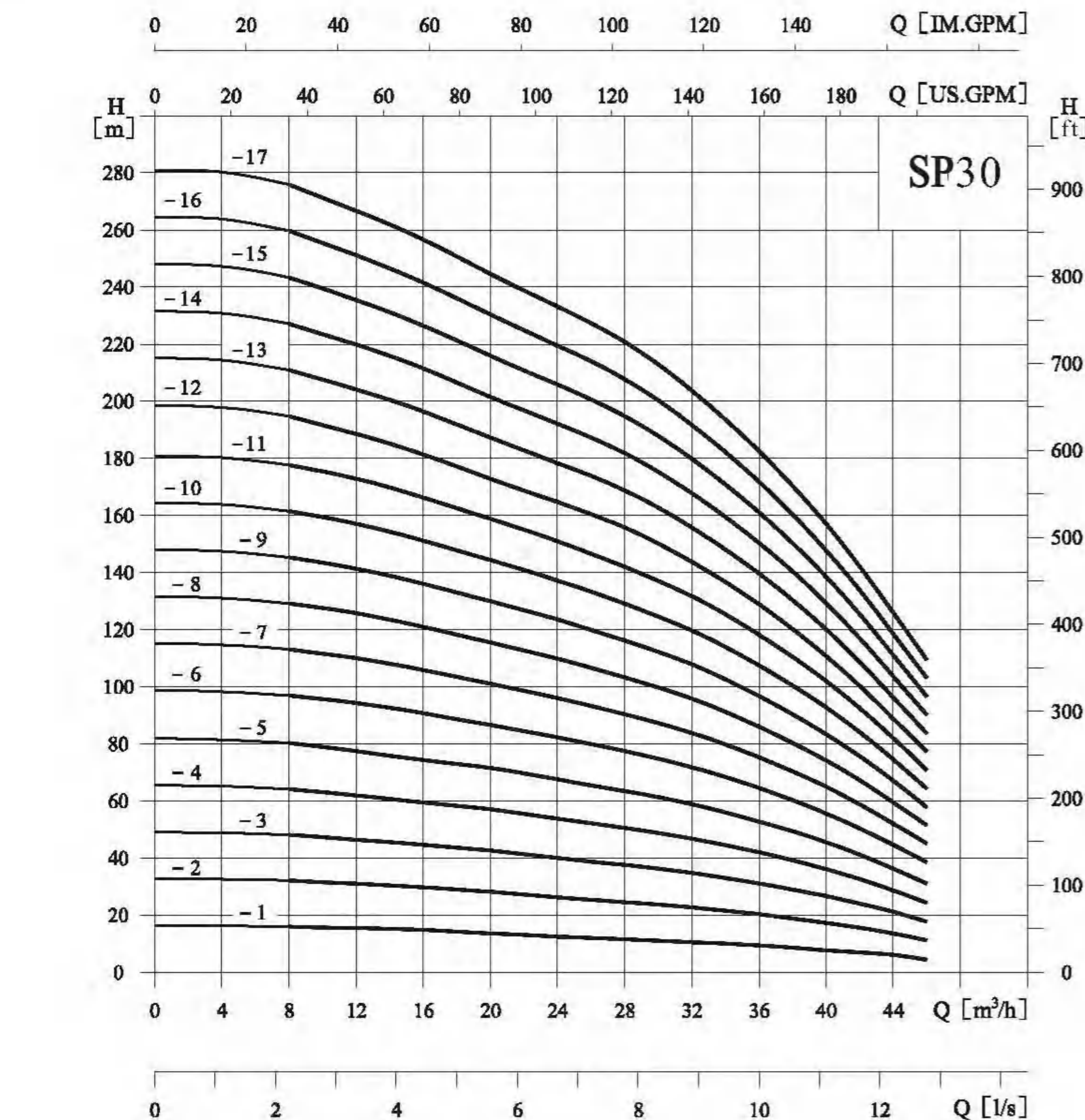
Note: The size B is varied with the motors of different manufacturers.

Size and weight

Model	Size(mm)(Coupled to 4/6' motor)				Weight (kg)
	A	B	C	ϕD	
SP17-1	767	440	327	96	20
SP17-2	898	510	388	96	27
SP17-3	1068	620	448	96	30
SP17-4	1259	750	509	96/143	33/39
SP17-5	1409	840	569	96/143	37/45
SP17-6	1550	920	630	96/143	43/54
SP17-7	1610	920	690	96/143	44/55
SP17-8	1621	870	751	143	62
SP17-9	1681	870	811	143	63
SP17-10	1808	920	888	143	77
SP17-11	1868	920	948	143	78
SP17-12	1989	980	1009	143	87
SP17-13	2049	980	1069	143	88
SP17-14	2160	1030	1130	143	95
SP17-15	2230	1030	1190	143	96
SP17-16	2341	1090	1251	143	104
SP17-17	2401	1090	1311	143	105
SP17-18	2462	1090	1372	143	106

Performance curve

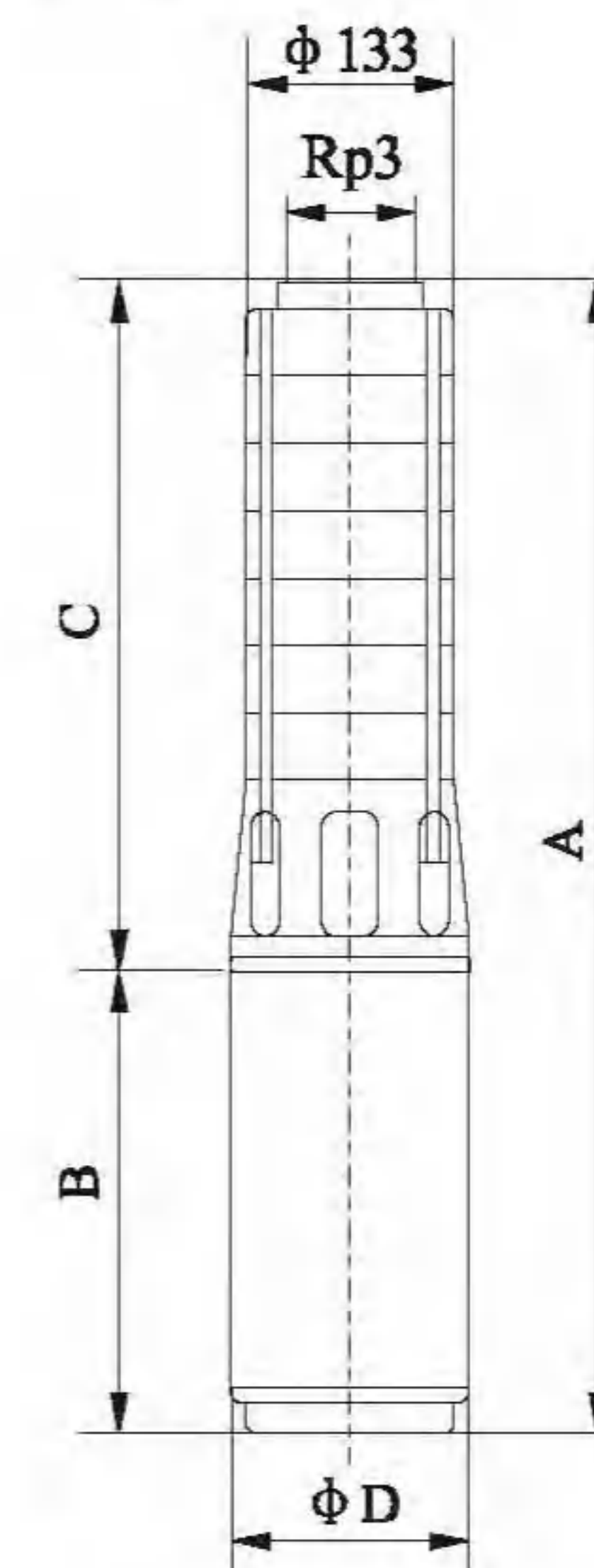
ISO9906 Annex A 3440rpm



Performance table

Model	Driving motor		Q (m³/h)	8	12	16	20	24	28	30	32	36	40	44	46
	(kW)	(hp)													
SP30-1	1.5	2	H (m)	16	15.5	15	13.5	13	12	11	10.5	9.5	7.5	6	4.5
SP30-2	3.0	4		32	31	29	27	26	24.5	23.5	23	20.5	17	13	11.5
SP30-3	5.5	7.5		48	46	45	42	39	37	36	34	31	26.5	21	17.5
SP30-4	7.5	10		64	62	60	57	53	50	49	47	42	36	29	25
SP30-5	7.5	10		81	77	74	72	67	64	62	59	53	46	36	31
SP30-6	9.2	12.5		97	94	90	86	82	78	75	72	64	55	45	39
SP30-7	11	15		113	110	105	100	96	90	88	84	75	65	52	45
SP30-8	13	17.5		129	125	120	114	109	103	100	96	86	74	60	52
SP30-9	15	20		145	141	135	129	123	116	113	108	96	83	67	58
SP30-10	15	20		162	157	150	143	137	129	125	120	107	92	74	65
SP30-11	18.5	25		178	173	166	158	151	142	138	132	118	102	82	71
SP30-12	18.5	25		195	188	181	172	164	156	150	144	128	111	89	77
SP30-13	22	30		211	203	196	187	178	169	163	156	139	120	97	84
SP30-14	22	30		227	219	211	201	192	182	175	168	150	129	104	90
SP30-15	25	34		244	235	226	215	206	195	188	180	161	138	112	97
SP30-16	25	34		260	250	241	230	219	208	200	192	171	148	119	103
SP30-17	25	34		276	266	256	244	233	221	213	204	182	157	126	110

Installation sketch



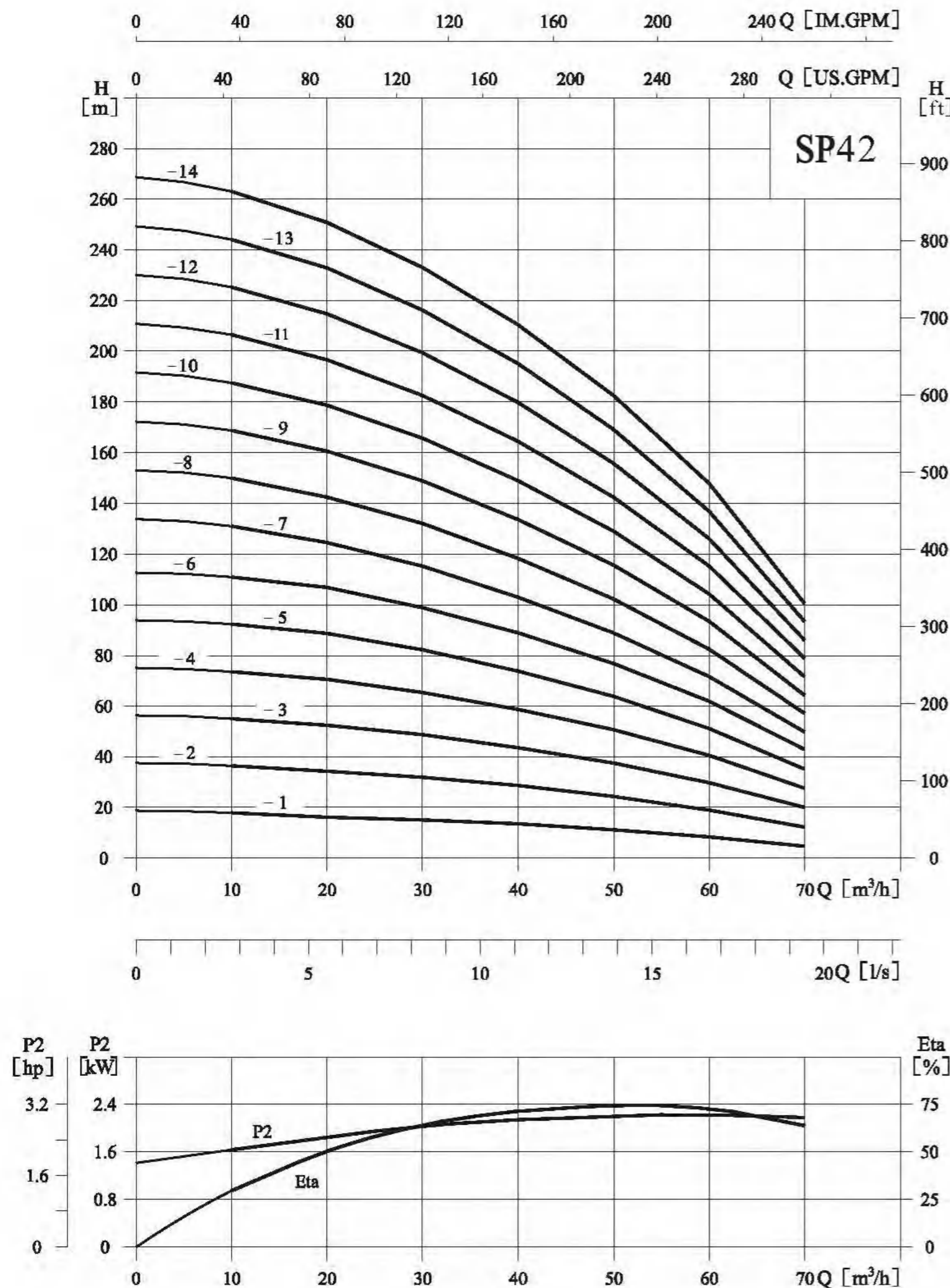
Size and weight

Model	Size(mm)(Coupled to 4/6 motor)				Weight (kg)
	A	B	C	Φ D	
SP30-1	832	470	362	96	22
SP30-2	1078	620	458	96	29
SP30-3	1394	840	554	96/143	37/45
SP30-4	1570	920	650	96/143	44/55
SP30-5	1666	920	746	96/143	45/56
SP30-6	1728	870	858	143	69
SP30-7	1874	920	954	143	77
SP30-8	2030	980	1050	143	86
SP30-9	2176	1030	1146	143	93
SP30-10	2272	1030	1242	143	95
SP30-11	2428	1090	1338	143	103
SP30-12	2524	1090	1434	143	105
SP30-13	2690	1160	1530	143	121
SP30-14	2786	1160	1626	143	123
SP30-15	2952	1230	1722	143	135
SP30-16	3048	1230	1818	143	137
SP30-17	2144	1230	1914	143	139

Note: The size B is varied with the motors of different manufacturers.

Performance curve

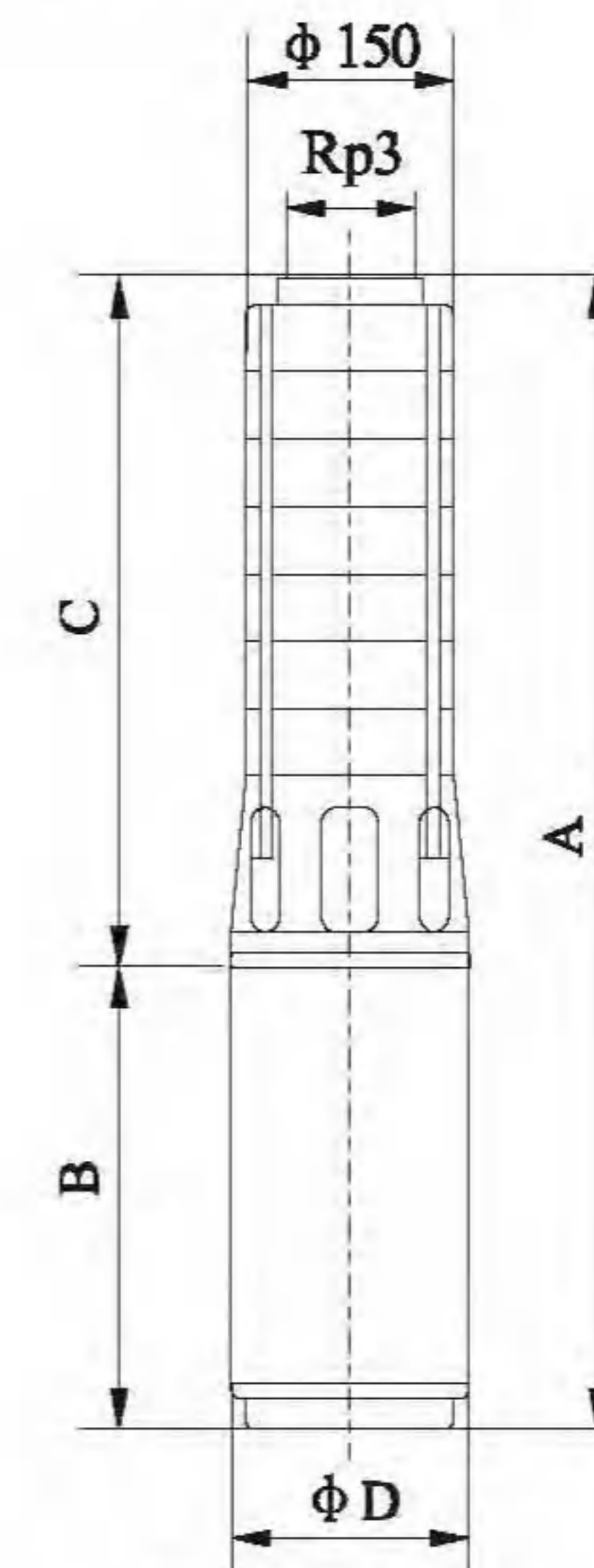
ISO9906 Annex A 3440rpm



Performance table

Model	Driving motor		Q (m³/h)	10	20	30	40	42	50	60	70
	(kW)	(hp)									
SP42-1	3.0	4	H (m)	17	16.5	15	13.5	13	11.5	8.5	5
SP42-2	5.5	7.5		36	34	31.5	28.5	28	24.5	19	12.5
SP42-3	9.2	12.5		55	52.5	48	44	43	38	30	20
SP42-4	11	15		74	70	65	58	57	51	40	27
SP42-5	13	17.5		93	88	82	73	72	64	51	35
SP42-6	18.5	25		111	107	99	89	87	77	62	43
SP42-7	18.5	25		131	125	116	105	102	91	73	50
SP42-8	22	30		150	143	133	120	117	104	84	56
SP42-9	25	34		168	161	149	135	131	117	94	64
SP42-10	30	40		187	179	166	150	146	131	105	72
SP42-11	30	40		206	197	182	165	161	144	116	79
SP42-12	37	50		225	215	199	180	176	157	126	87
SP42-13	37	50		244	233	216	196	191	170	137	94
SP42-14	37	50		263	251	233	211	206	183	148	101

Installation sketch



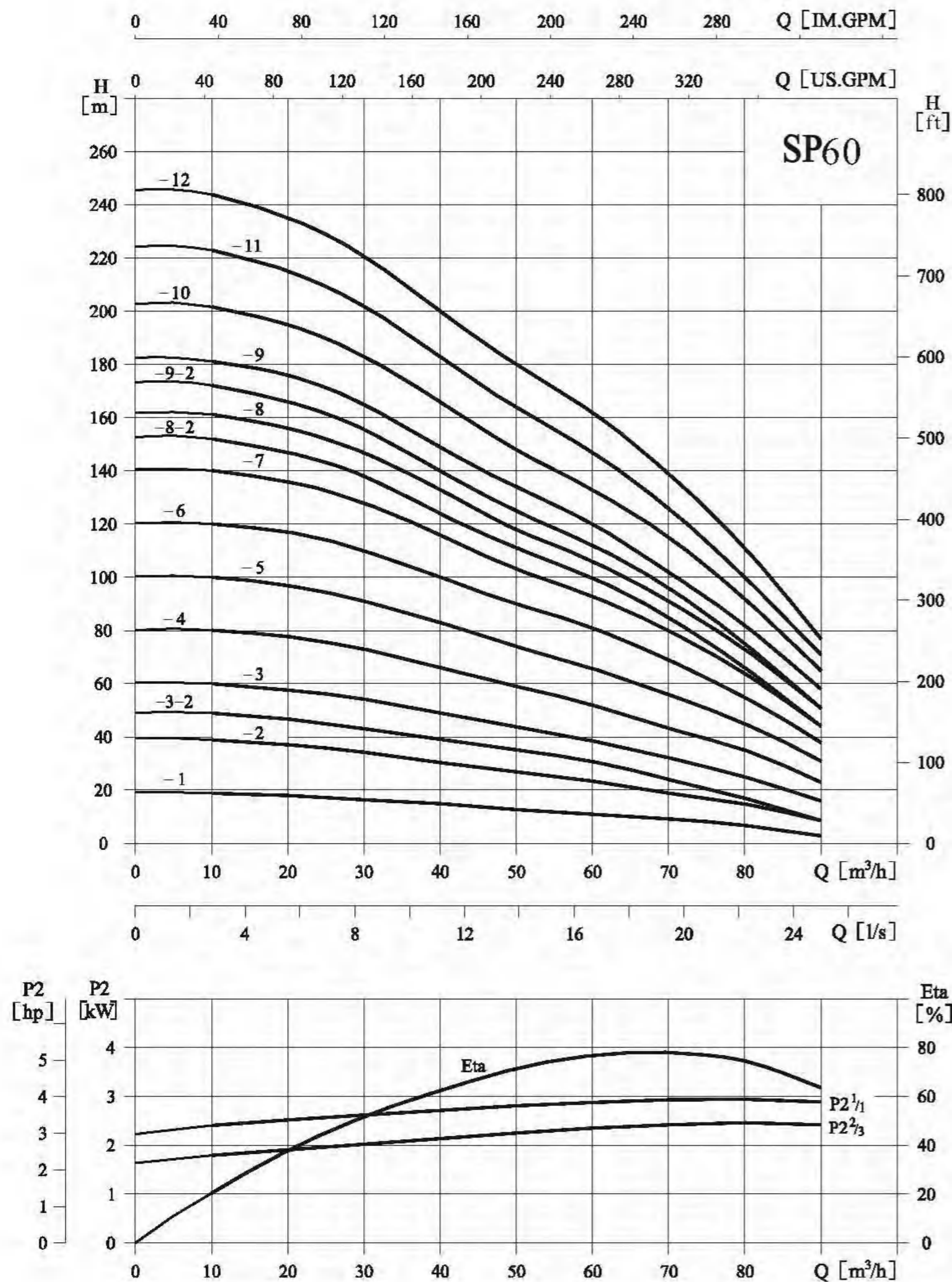
Size and weight

Model	Size(mm)(Coupled to 4/6 motor)				Weight (kg)
	A	B	C	φ D	
SP42-1	998	620	378	96	31
SP42-2	1331	840	491	96/143	38/46
SP42-3	1474	870	604	143	67
SP42-4	1653	920	733	143	75
SP42-5	1826	980	846	143	83
SP42-6	2049	1090	959	143	98
SP42-7	2162	1090	1072	143	100
SP42-8	2345	1160	1185	143	117
SP42-9	2528	1230	1298	143	125
SP42-10	2741	1330	1411	143	141
SP42-11	2854	1330	1524	143	143
SP42-12	3207	1570	1637	143	173
SP42-13	3320	1570	1750	143	175
SP42-14	3433	1570	1863	143	177

Note: The size B is varied with the motors of different manufacturers.

Performance curve

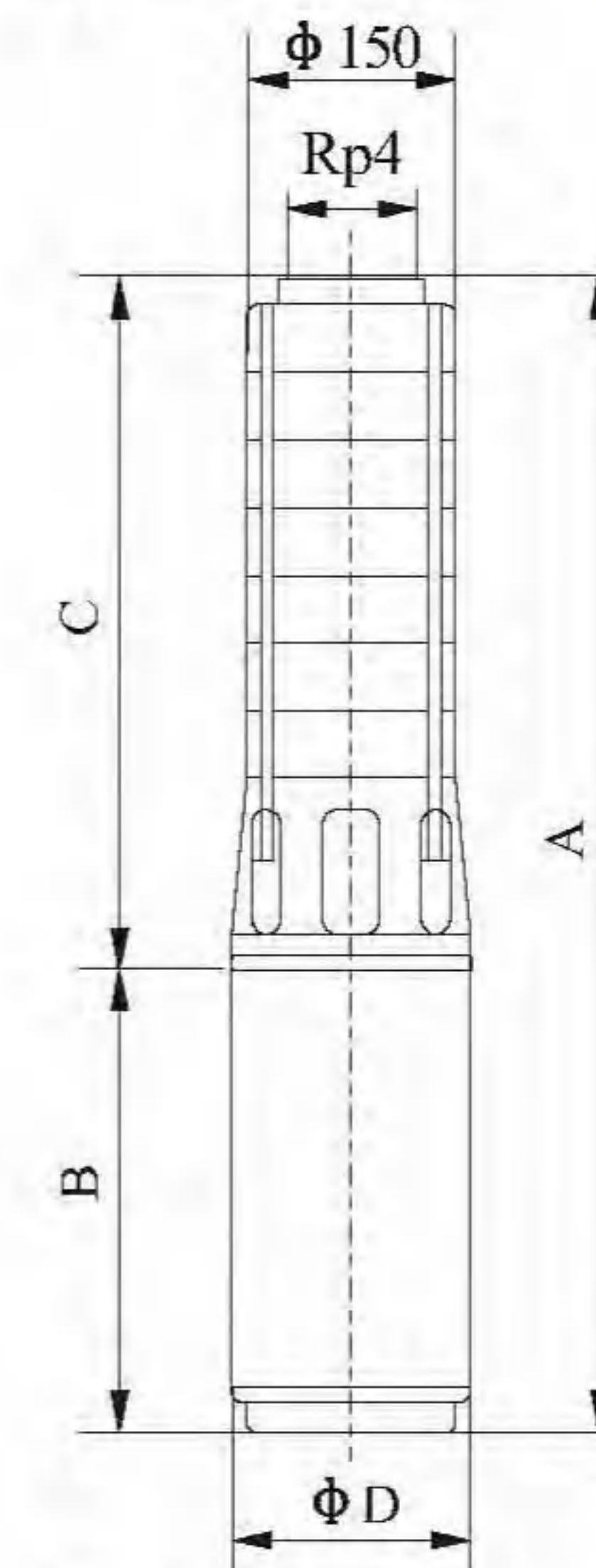
ISO9906 Annex A 3440rpm



Performance table

Model	Driving motor		Q (m³/h)	10	20	30	40	50	60	70	80	90
	(kW)	(hp)										
SP60-1	4	5.5	H (m)	19	18	16.5	15	12.5	11	9.5	7	3
SP60-2	7.5	10		39	37	34	30	27	23.5	19	15	8.5
SP60-3-2	7.5	10		49	47	43	39	35	31	24	17	8.5
SP60-3	9.2	12.5		60	58	54	49	44	39	32	25	16
SP60-4	13	17.5		80	78	73	66	59	52	43	35	23
SP60-5	15	20		100	97	91	83	74	66	56	45	31
SP60-6	18.5	25		120	117	110	100	90	81	69	55	38
SP60-7	22	30		140	136	128	116	103	93	80	64	44
SP60-8-2	22	30		152	147	138	124	111	100	85	66	44
SP60-8	25	34		161	156	147	133	118	106	91	73	51
SP60-9-2	25	34		172	166	156	140	125	112	96	75	51
SP60-9	30	40		181	176	165	149	134	120	102	82	58
SP60-10	30	40		202	195	183	166	149	133	115	92	65
SP60-11	37	50		223	215	202	183	164	147	126	100	71
SP60-12	37	50		244	235	221	200	180	162	139	111	77

Installation sketch



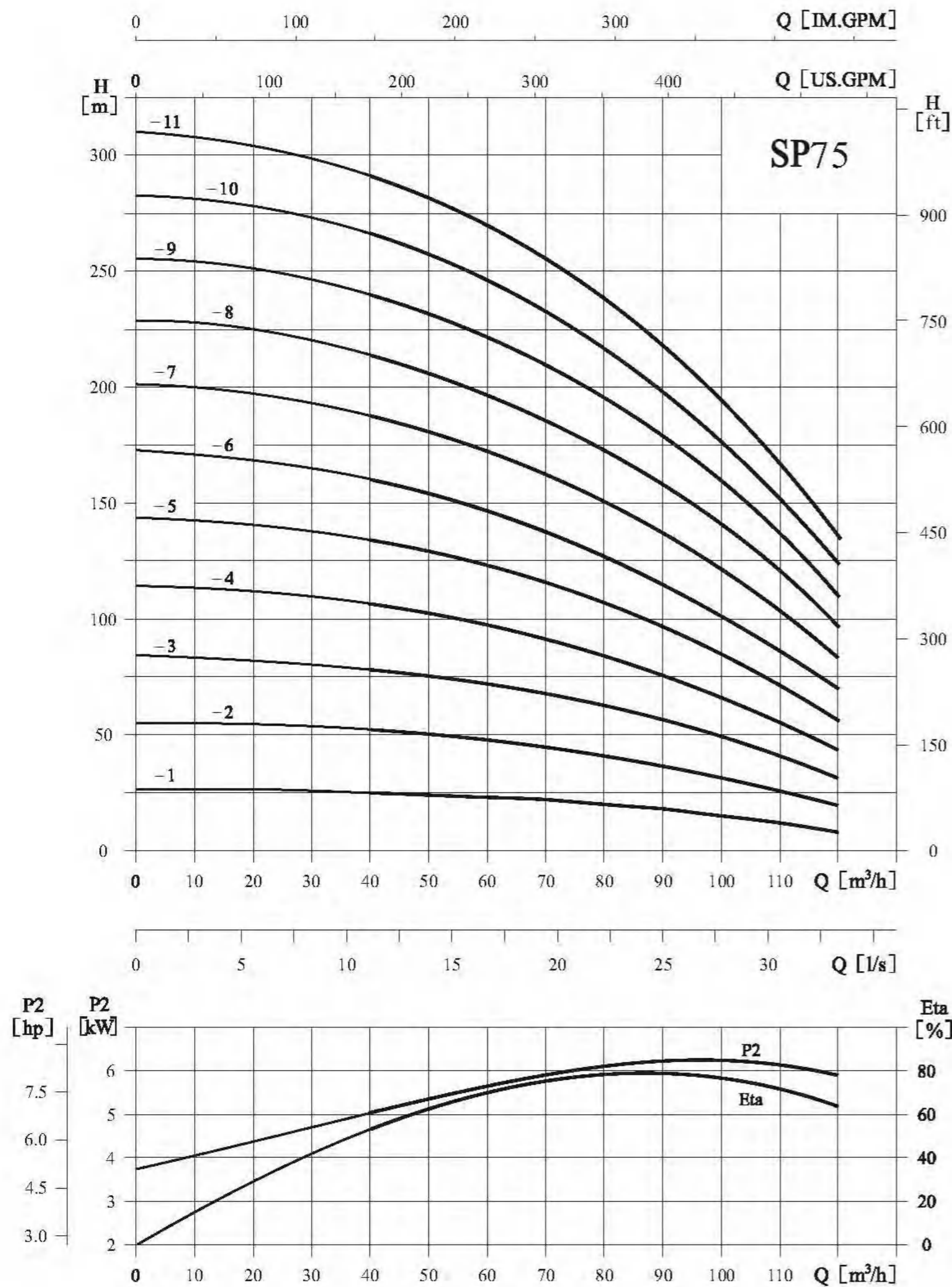
Size and weight

Model	Size(mm)(Coupled to 4/6 motor)				Weight (kg)
	A	B	C	Φ D	
SP60-1	1108	750	358	96/143	36/44
SP60-2	1381	920	471	96/143	44/62
SP60-3-2	1404	920	584	96/143	45/63
SP60-3	1480	870	610	143	67
SP60-4	1703	980	723	143	81
SP60-5	1866	1030	836	143	89
SP60-6	2039	1090	949	143	98
SP60-7	2222	1160	1062	143	114
SP60-8-2	2335	1160	1175	143	116
SP60-8	2405	1230	1175	143	128
SP60-9-2	2518	1230	1288	143	130
SP60-9	2618	1330	1288	143	144
SP60-10	2787	1330	1401	143	146
SP60-11	3084	1570	1514	143	171
SP60-12	3197	1570	1627	143	173

Note: The size B is varied with the motors of different manufacturers.

● Performance curve

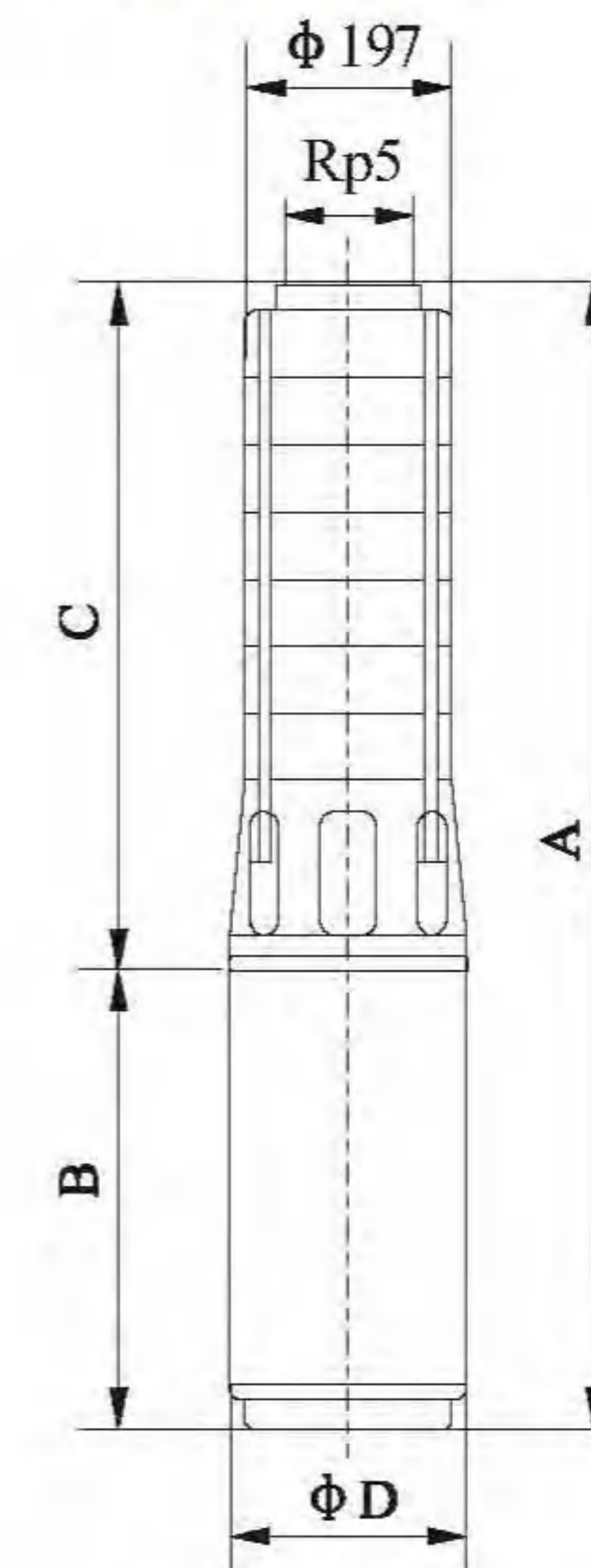
ISO9906 Annex A 3500rpm



● Performance table

Model	Driving motor		Q (m³/h)	40	50	60	70	75	80	90	100	110	120
	(kW)	(hp)											
SP75-1	7.5	10	H (m)	25	24	23	22	21	20	18	15	12	8
SP75-2	13	17.5		52	50	47	44	42.5	40.5	36.5	32	26.5	19.5
SP75-3	22	30		78.5	75.5	71.5	67	65	62	56	49	41	31.5
SP75-4	30	40		107	103	98	91	88	84	77	68	57	44
SP75-5	37	50		134	129	122	114	110	106	96	84	72	57
SP75-6	45	60		160	154	146	137	132	126	115	102	87	70
SP75-7	45	60		188	181	173	161	155	149	136	121	104	83
SP75-8	55	75		214	207	197	184	178	171	156	140	121	97
SP75-9	63	85		240	232	221	208	201	194	177	158	136	110
SP75-10	75	100		267	258	247	232	224	217	198	177	152	123
SP75-11	75	100		292	283	270	255	246	238	217	194	168	135

● Installation sketch



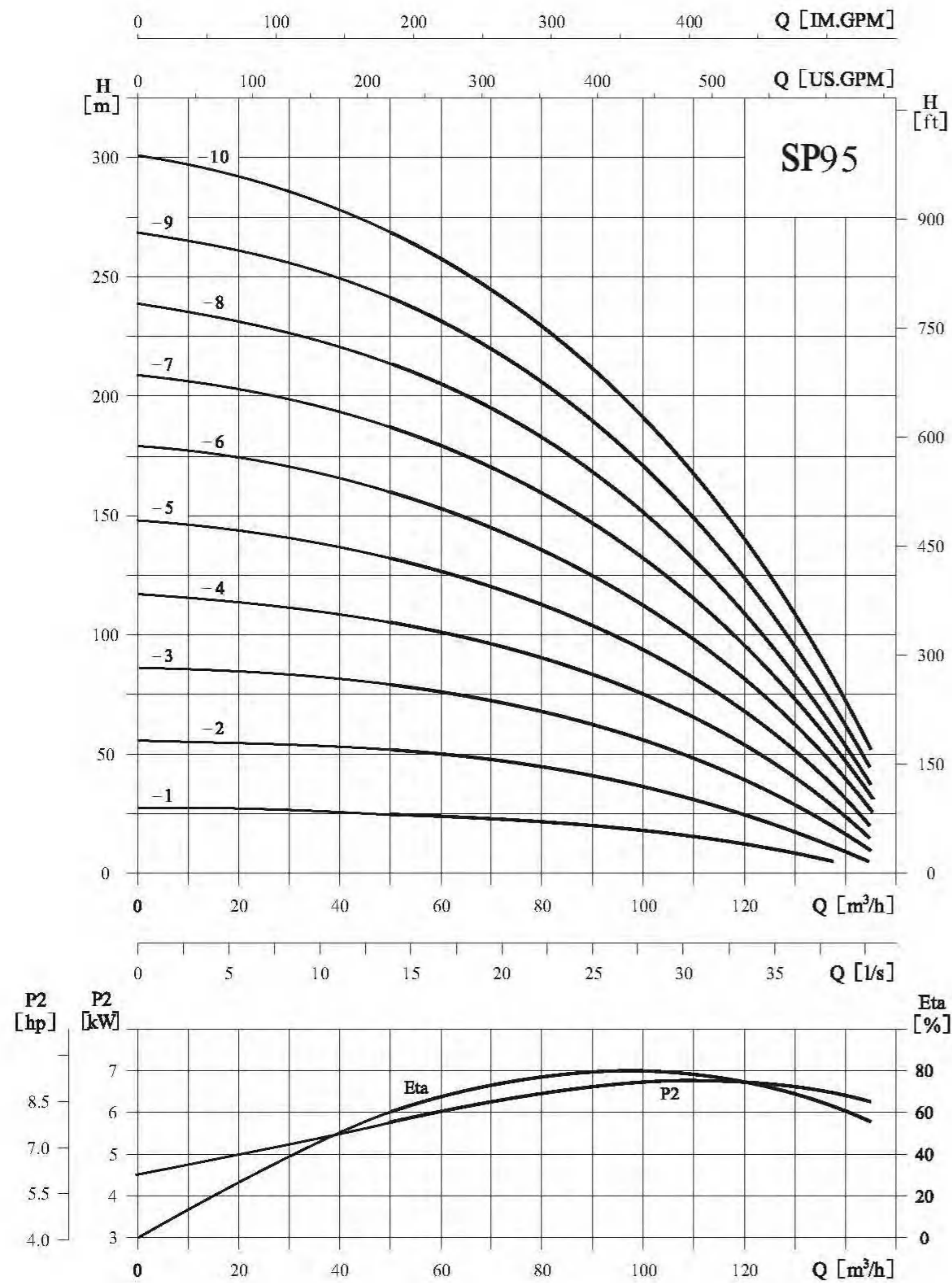
● Size and weight

Model	Size(mm)(Coupled to 6/8' motor)				Weight (kg)
	A	B	C	ϕD	
SP75-1	1298/1285	810/780	488/505	143/184	70/79
SP75-2	1594/1491	980/860	614/631	143/184	94/123
SP75-3	1900/1697	1160/940	740/757	143/184	126/162
SP75-4	2196/1933	1330/1050	866/883	143/184	156/195
SP75-5	2562/2159	1570/1150	992/1009	143/184	184/212
SP75-6	2375	1240	1135	184	229
SP75-7	2501	1240	1261	184	235
SP75-8	2757	1370	1387	184	253
SP75-9	3003	1490	1513	192	272
SP75-10	3179	1540	1639	192	298
SP75-11	3305	1540	1765	192	304

Note: The size B is varied with the motors of different manufacturers.

Performance curve

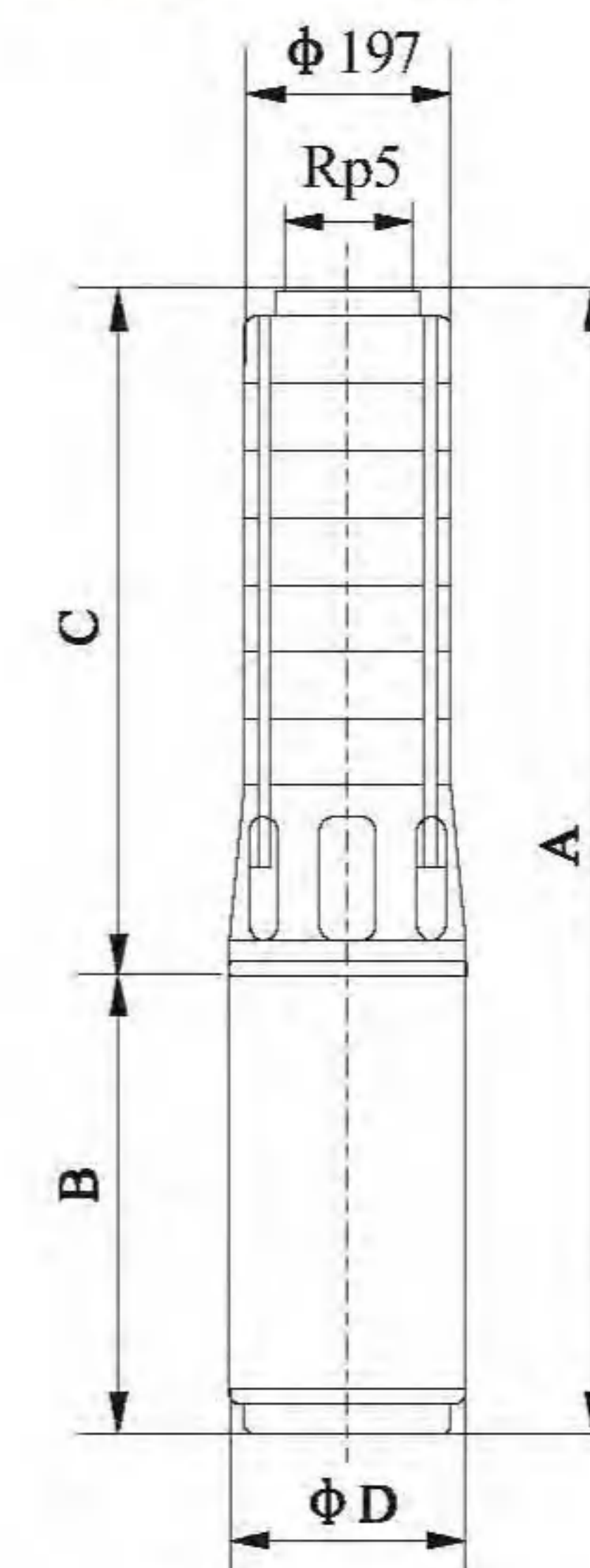
ISO9906 Annex A 3500rpm



Performance table

Model	Driving motor		Q (m³/h)	50	60	70	80	90	95	100	110	120	130	145
	(kW)	(hp)												
SP95-1	7.5	10		25	24	23	21.5	20	18.5	17	15	12	8.5	—
SP95-2	15	20		52	50.5	48	44.5	40.5	38	36	31	25.5	19.5	5
SP95-3	22	30		78.5	75.5	72	67	62	59	55.5	47.5	39	30	9
SP95-4	30	40		105	102	96	90	83	79	75	65	53	41	15
SP95-5	37	50		133	127	121	113	104	99	94	81	67	51	20
SP95-6	45	60		160	153	145	136	125	119	113	98	82	63	26
SP95-7	55	75		187	179	170	173	146	140	132	116	96	73	32
SP95-8	63	85		214	205	194	182	167	159	151	132	110	84	37
SP95-9	63	85		242	232	219	204	188	180	171	150	125	95	45
SP95-10	75	100		269	258	244	228	210	201	191	168	140	107	52

Installation sketch



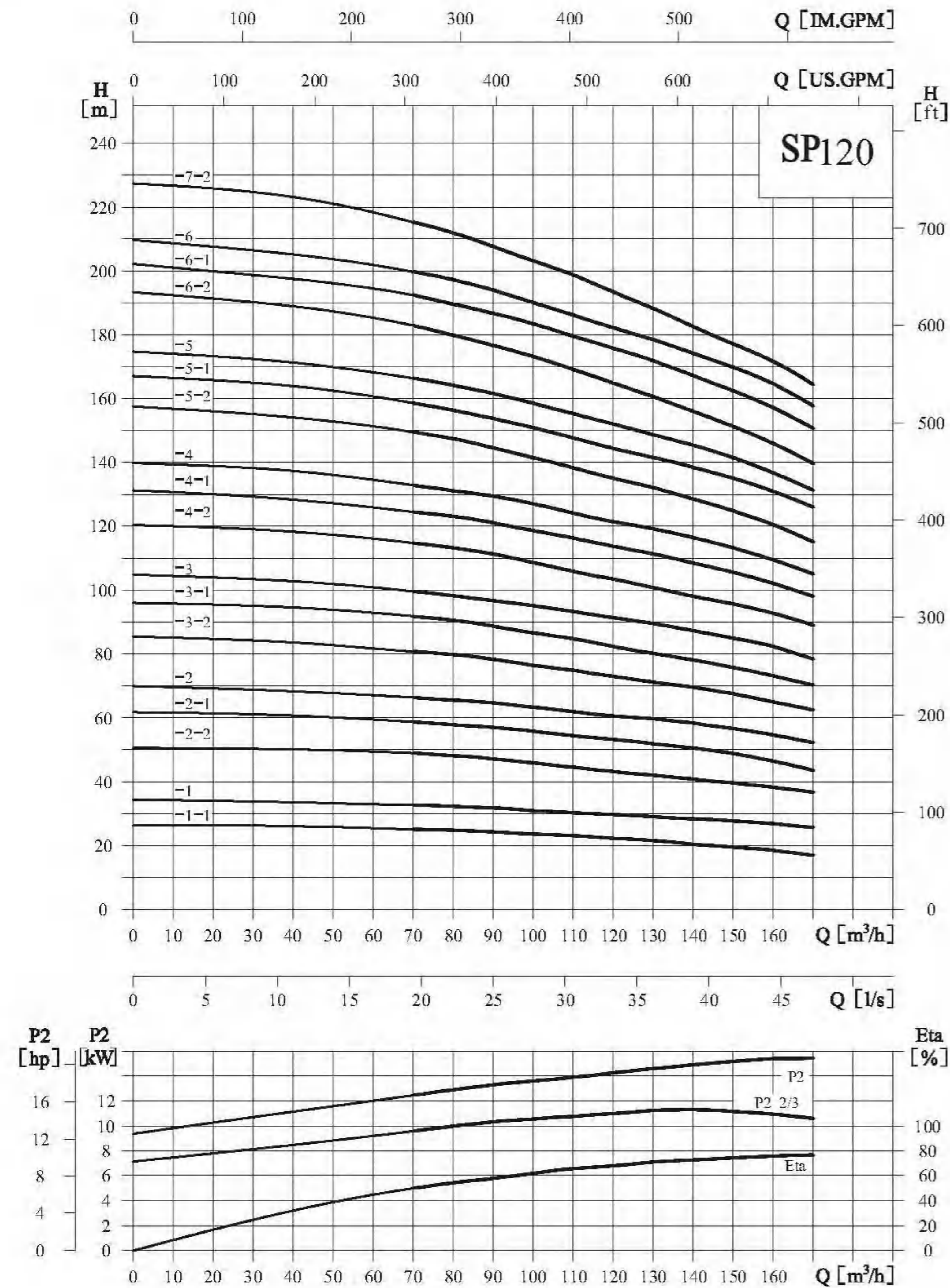
Size and weight

Model	Size(mm)(Coupled to 6/8' motor)				Weight (kg)
	A	B	C	φ D	
SP95-1	1298/1285	810/780	488/505	143/184	71/80
SP95-2	1644/1491	1030/860	614/631	143/184	101/124
SP95-3	1900/1697	1160/940	740/757	143/184	127/163
SP95-4	2196/1933	1330/1050	866/883	143/184	158/196
SP95-5	2562/2159	1570/1150	992/1009	143/184	186/214
SP95-6	2375	1240	1135	184	232
SP95-7	2631	1370	1261	184	250
SP95-8	2877	1490	1387	192	270
SP95-9	3003	1490	1513	192	276
SP95-10	3179	1540	1639	192	302

Note: The size B is varied with the motors of different manufacturers.

Performance curve

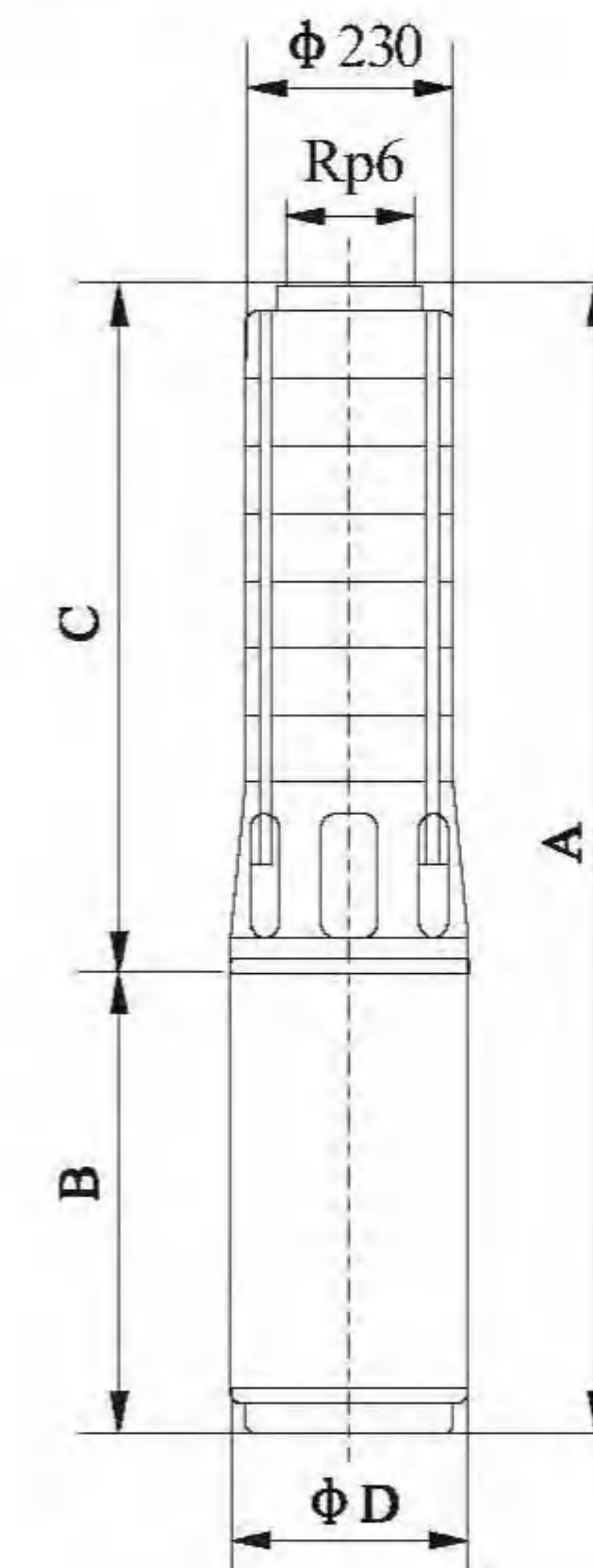
ISO9906 Annex A 3500rpm



Performance table

Model	Driving motor		Q (m³/h)	70	80	90	100	110	120	130	140	150	160	170
	(kW)	(hp)												
SP120-1-1	15	20	H (m)	25	24.5	24	23.5	23	22	21.5	20.5	19.5	18.5	16.5
SP120-1	18.5	25		32.5	32	31.5	31	30	29.5	29	28	27.5	26.5	25.5
SP120-2-2	25	30		48.5	48	47	45.5	44.5	43	42	40.5	39.5	38	36.5
SP120-2-1	30	40		58.5	57.5	57	55.5	54	53	51.5	50.5	48.9	46.5	43.5
SP120-2	37	50		66	65.5	64.5	63	61.5	60.5	59.5	58	56.5	54.5	52
SP120-3-2	45	60		80.5	79.5	78	76.5	74.5	73	71	69.5	67.5	65	62.5
SP120-3-1	45	60		91.5	90.5	88.5	86.5	84.5	82	80	78	75.5	73	70
SP120-3	55	75		99.5	98	96.5	95	93	91	89.5	87	85	82	78.5
SP120-4-2	63	85		114.5	113	111	108.5	105.5	103	100.5	98	95.5	92.5	89
SP120-4-1	63	85		124.5	123	121	118.5	116	113.5	111	108.5	105.5	102	98
SP120-4	75	100		132.5	131	129	127	124	121.5	119	116.5	113	109.5	105
SP120-5-2	75	100		149.5	147	144.5	141.5	138	135	132	128.5	124.5	120.5	115
SP120-5-1	90	120		158.5	156	153	150.5	147.5	144.5	141.5	138.5	135	131	126
SP120-5	90	120		166	164	161.5	158.5	155	152	148.5	145	141.5	136.5	131
SP120-6-2	90	120		182.5	179.5	176.5	173	169	164.5	160.5	156	151	146	139.5
SP120-6-1	110	150		192.5	189.5	186.5	183.5	179.5	175.5	171.5	167	162	157	150.5
SP120-6	110	150		199.5	197	193.5	190	186	182	178	174	169.5	164.5	159.5
SP120-7-2	110	150		215	211.5	207.5	203	198.5	193.5	188	182.5	177	171.5	164

Installation sketch



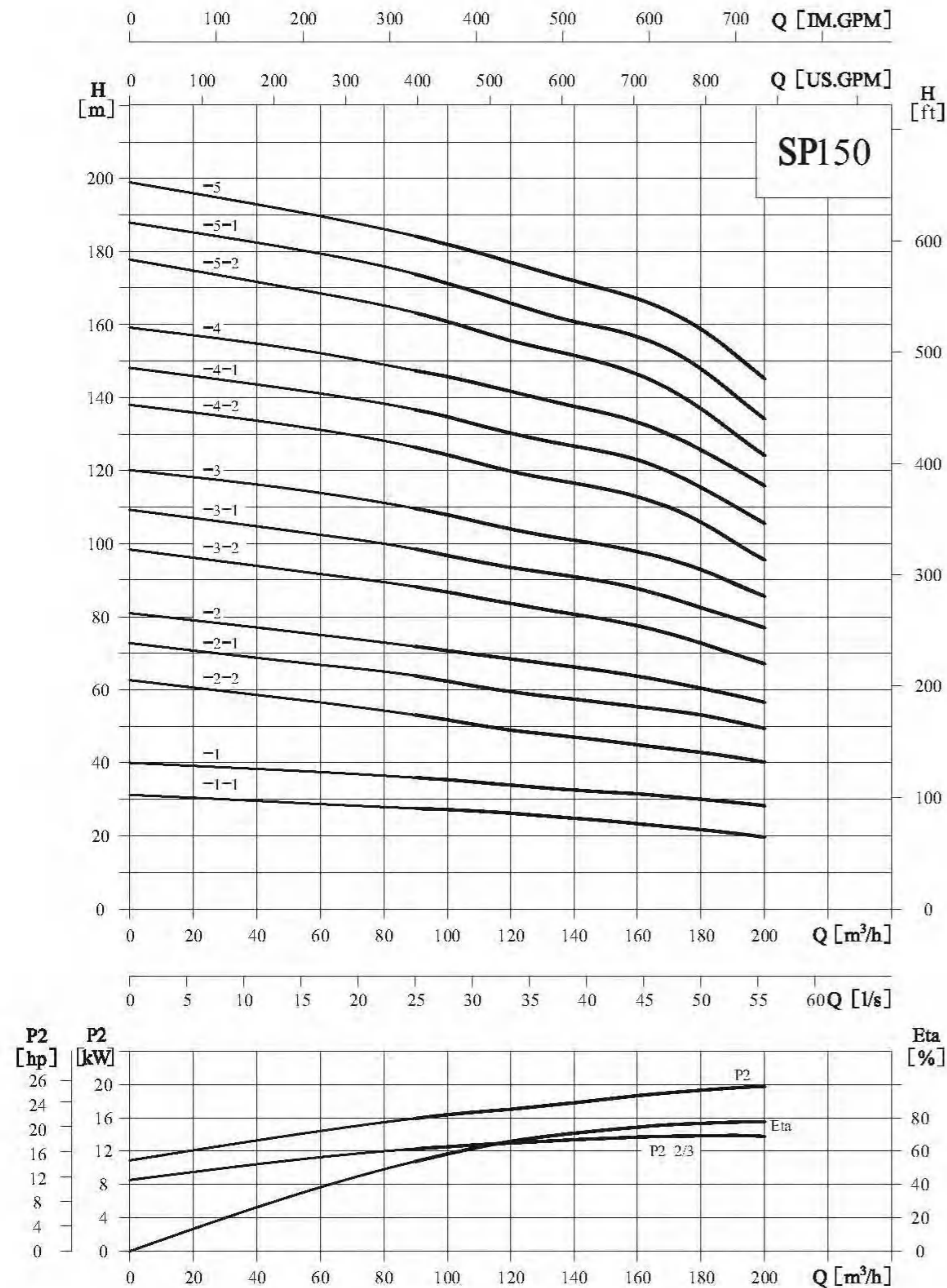
Size and weight

Model	Size(mm)				Weight (kg)
	A	B	C	ϕD	
SP120-1-1	1420	860	560	184	127
SP120-1	1450	890	560	184	132
SP120-2-2	1710	990	720	184	165
SP120-2-1	1770	1050	720	184	179
SP120-2	1870	1150	720	184	193
SP120-3-2	2120	1240	880	184	216
SP120-3-1	2120	1240	880	184	216
SP120-3	2250	1370	880	184	236
SP120-4-2	2530	1490	1040	192	272
SP120-4-1	2530	1490	1040	192	272
SP120-4	2580	1540	1040	192	282
SP120-5-2	2740	1540	1200	192	290
SP120-5-1	2844	1644	1200	192	310
SP120-5	2844	1644	1200	192	310
SP120-6-2	3004	1644	1360	192	318
SP120-6-1	3124	1764	1360	192	344
SP120-6	3124	1764	1360	192	344
SP120-7-2	3284	1764	1520	192	352

Note: The size B is varied with the motors of different manufacturers.

Performance curve

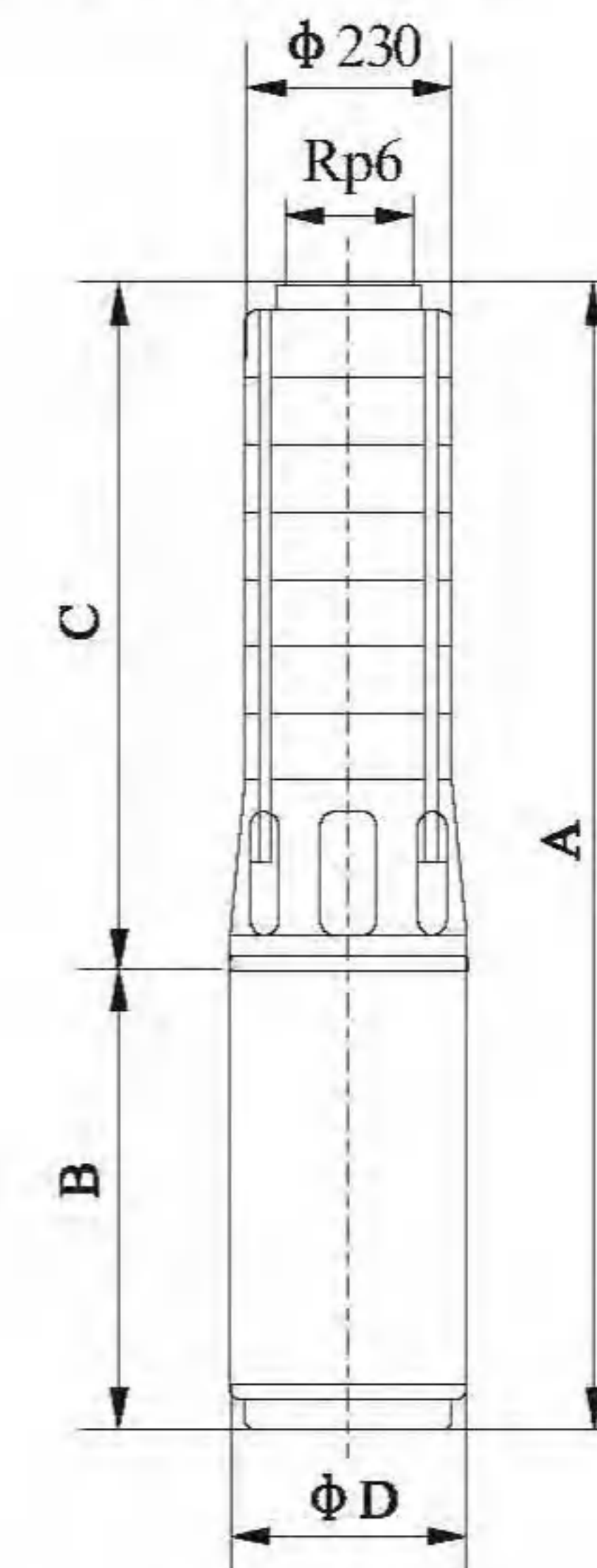
ISO9906 Annex A 3500rpm



Performance table

Model	Driving motor		Q (m³/h)	90	100	120	140	150	160	180	200
	(kW)	(hp)									
SP150-1-1	15	20	H (m)	27.5	27	26	24.5	24	23	21.5	19.5
SP150-1	22	30		36	35	33.5	32.5	32	31.5	30	28
SP150-2-2	30	40		53	51.5	49	47	46	45	42.5	40
SP150-2-1	37	50		63.5	62	59.5	57	56	55	53	49
SP150-2	45	60		71.5	70.5	68	66	65	63.5	60	56.5
SP150-3-2	55	75		88	86.5	83.5	80.5	79	77.5	72.5	67
SP150-3-1	63	85		98.5	96.5	93.5	91	89.5	87.5	82.5	76.5
SP150-3	63	85		109.5	107.5	104	101	99.5	97.5	92.5	85.5
SP150-4-2	75	100		126	124	119.5	116.5	114.5	112.5	105.5	95.5
SP150-4-1	90	120		136.5	134.5	130	126.5	125	122.5	115	105.5
SP150-4	90	120		147	145.5	141.5	137.5	135.5	133	125.5	115.5
SP150-5-2	110	150		163	160.5	155.5	151.5	149	146	136.5	124
SP150-5-1	110	150		173.5	171	165.5	160.5	158.5	156.5	147.5	134
SP150-5	110	150		184	182	177	171.5	169.5	167	158.5	145

Installation sketch



Note: The size B is varied with the motors of different manufacturers.

Size and weight

Model	Size(mm)				Weight (kg)
	A	B	C	φ D	
SP150-1-1	1420	860	560	184	127
SP150-1	1500	940	560	184	147
SP150-2-2	1770	1050	720	184	180
SP150-2-1	1870	1150	720	184	194
SP150-2	1960	1240	720	184	209
SP150-3-2	2250	1370	880	184	237
SP150-3-1	2370	1490	880	184	264
SP150-3	2370	1490	880	184	264
SP150-4-2	2580	1540	1040	192	282
SP150-4-1	2684	1644	1040	192	302
SP150-4	2684	1644	1040	192	302
SP150-5-2	2964	1764	1200	192	336
SP150-5-1	2964	1764	1200	192	336
SP150-5	2964	1764	1200	192	336

MEMO

WE RESEVE THE RIGHT TO CHANGE THE SPECIFICATION AND DESIGNS FOR IMPROVEMENT
WITHOUT PRIOR NOTICE.

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