



SP 4" 6" 8" 10" Series
Stainless Steel Submersible Pumps

50 Hz

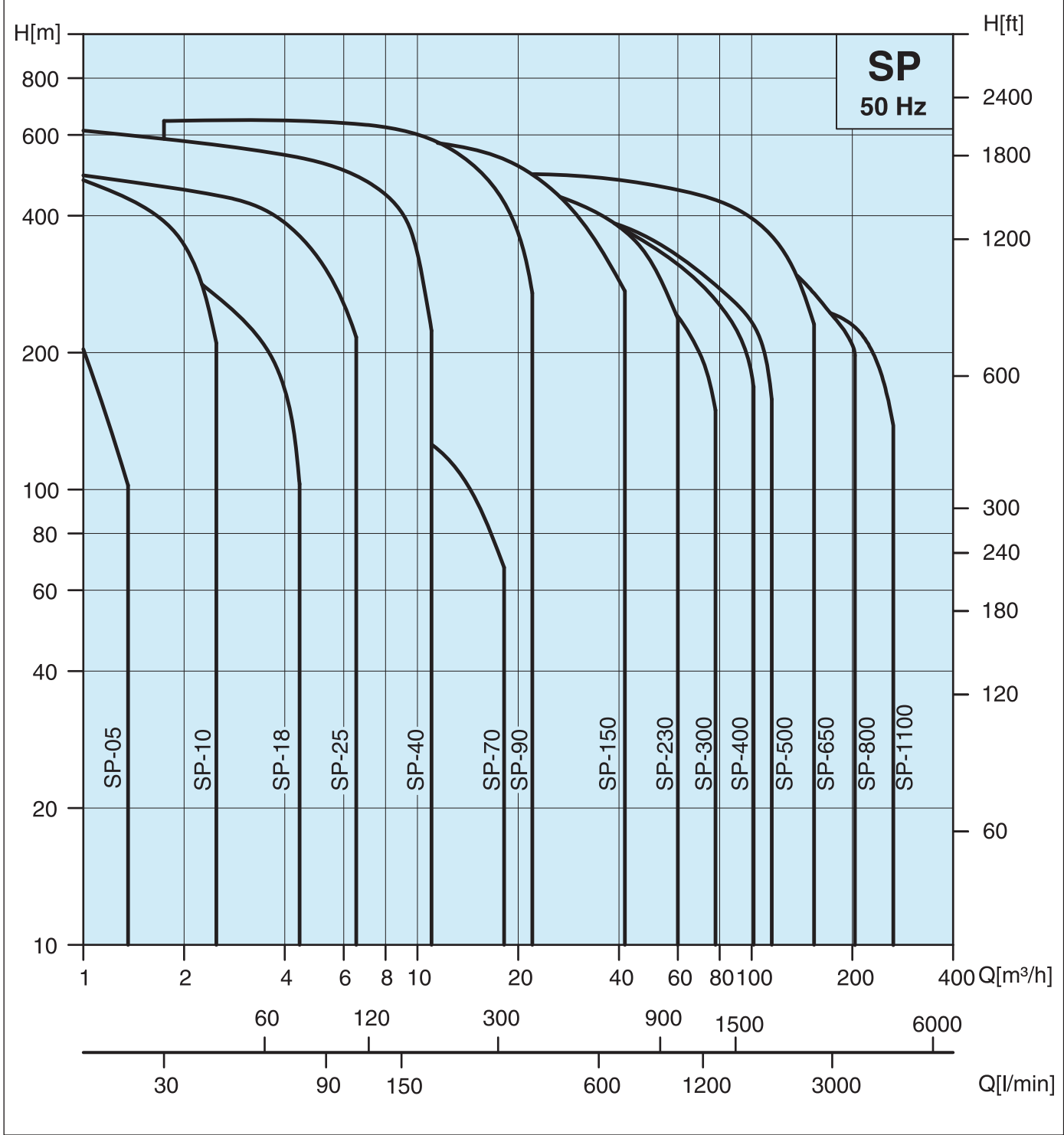


Our mission is to provide fluid management innovated solutions to everyone in South Africa by delivering savings and certainty for households, businesses, farms, the environment and the children of tomorrow.

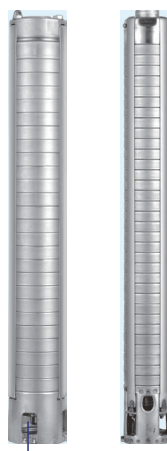
We strive to provide fast and efficient client service, to provide the latest technology available to lead clients to buying the best product for their needs.



Performance range



4" General Data



Model Code

	SP	05	-	08
Number of Impellers				
Rated Flow (GPM)				
Series Name				

Screen size of each hole:

-  5x 1 mm (SP-05~10)
-  Ø2.5 mm (SP-18~25)
-  20 x 4 mm (SP-40~70)

Applications

- Potable water supply
- Agricultural irrigation and livestock watering
- Municipal and industrial water supply
- Pressure boosting
- Mining applications
- Groundwater lowering
- Fountain

Pumped Liquids

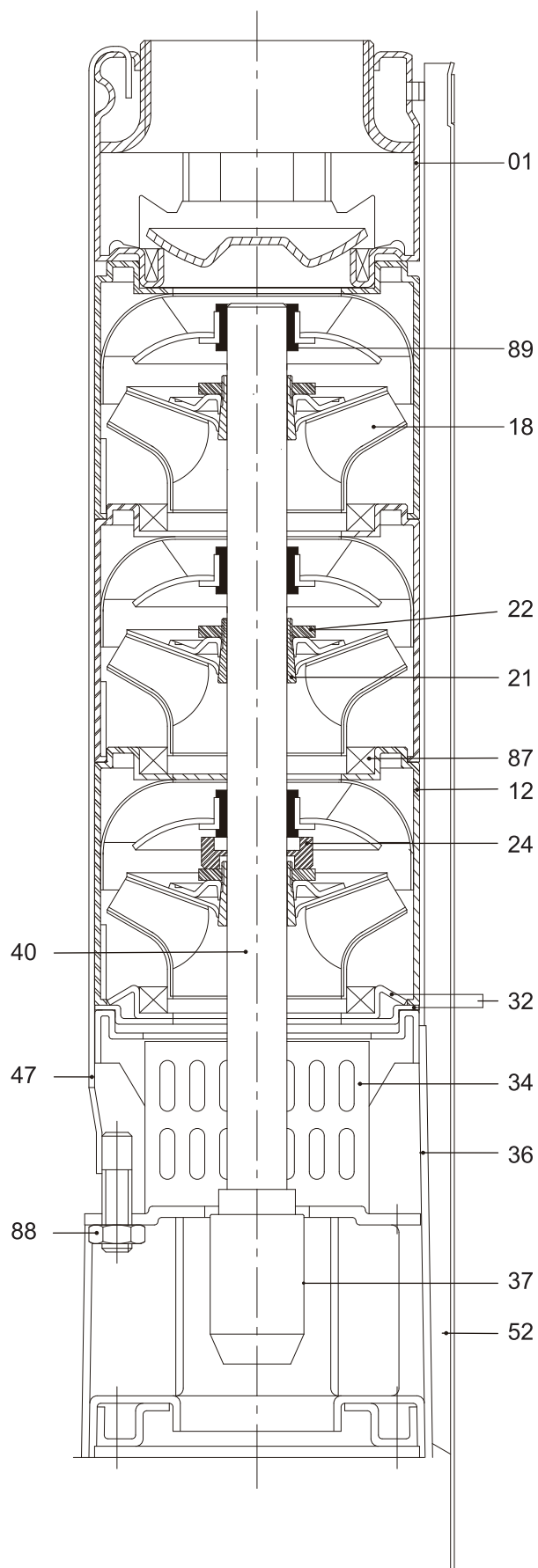
- Clean, thin, non-aggressive and non-corrosive liquids without solid particles or fibers.

Operation Conditions

- Capacity (m³/h) min 0.3 max 18
- Total Head: Max. 625m
- Max. ambient temperature (Liquid): 50°C
- Sand content: Max. 50 g/m³

Features

- Stainless steel construction designed and built for years of trouble free operation
- Designed and built to operate in difficult conditions.
- All metal parts are made of 304 or 316 stainless steel, except for the shafts, which are made of 431, 304 or 316 stainless steel.
- Heavy duty stainless steel discharge head with built-in check valve for preventing back flow in connection with pump stoppage and the risk of destructive water hammer is reduced to a minimum.
- Smooth safety hook.
- NEMA standard of bracket mounting.
- High quality shaft bearings provide low friction and high wear resistance.
- The stop ring prevents damage to the pump during transport and in case of up-thrust in connection with start-up. The stop ring, which is designed as a thrust bearing, limits axial movements of the pump shaft.
- Stainless steel strainer to restrict the entry of sand and other extraneous material.



Pos.	Part Name	Materials
1	Discharge	SUS304 / SUS316
12	Diffuser	SUS304 / SUS316
18	Impeller	SUS304 / SUS316
21	Split Cone	SUS304 / SUS316
22	Split Cone Nut	SUS304 / SUS316
24	Stop Ring	Carbon+Graphite+PTFE
32	Neck Ring Retainer	SUS304 / SUS316
34	Strainer	SUS304 / SUS316
36	Suction Interconnector	SUS304 / SUS316
37	Coupling	SUS304 / SUS316
40	Pump Shaft	SUS304 / SUS431 / SUS316
47	Strap	SUS304 / SUS316
52	Cable Guard	SUS304 / SUS316
87	Neck Ring	SUS304+NBR / HNBR
88	Nut	SUS304 / SUS316
89	Bearing	NBR / HNBR

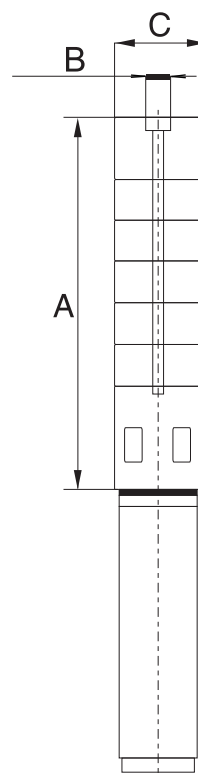
*AISI 316 stainless steel pumps are available on request.

Specifications

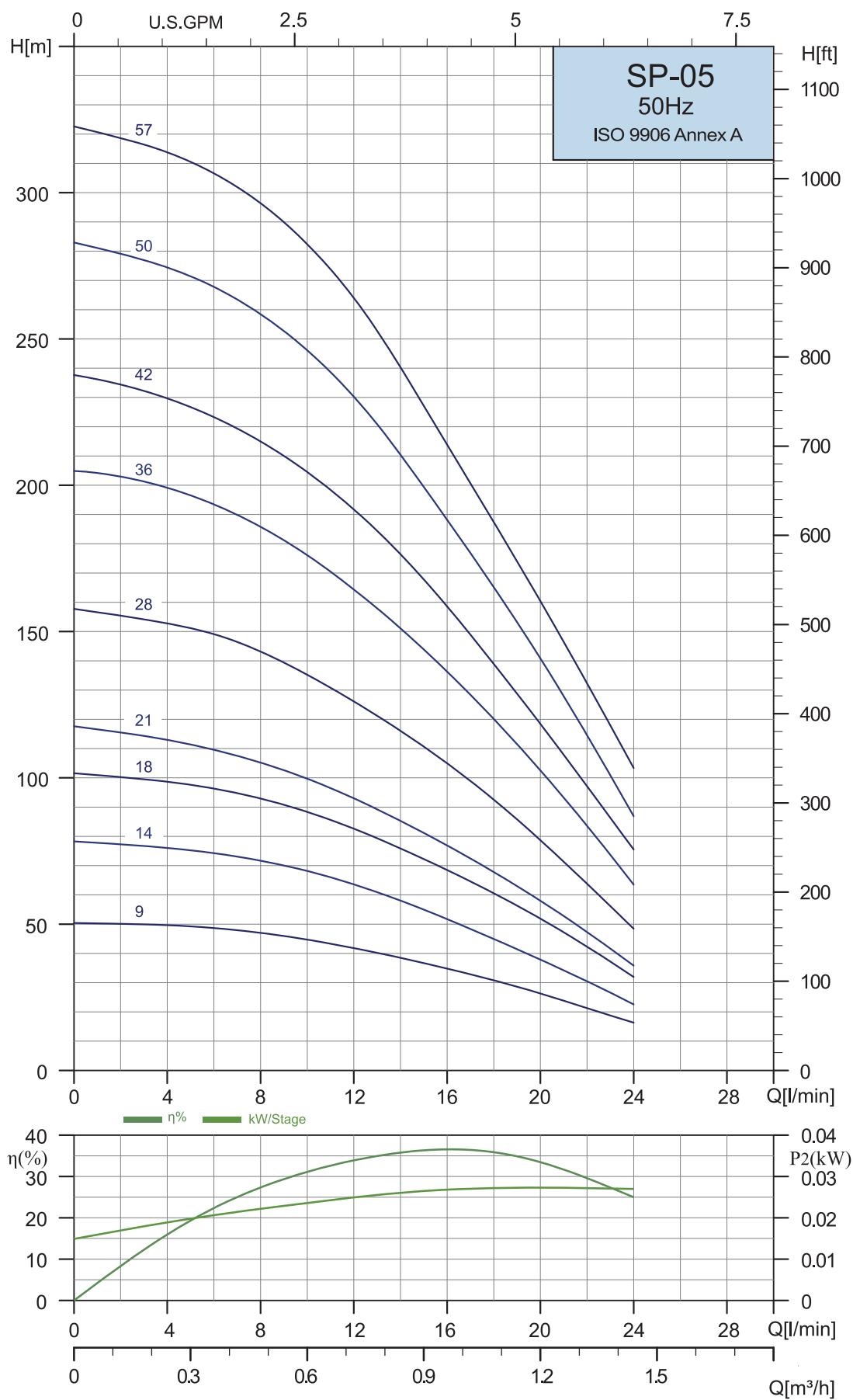
Pump Type	Motor		Q=DELIVERY						
	kW	HP	l/min	0	5	10	15	20	25
			m ³ /h	0	0.3	0.6	0.9	1.2	1.5
SP 05-09	0.37	0.5	H (m)	50	47	45	36	26	14
SP 05-14	0.37	0.5		78	75	68	55	38	21
SP 05-18	0.55	0.75		102	97	88	72	52	27
SP 05-21	0.55	0.75		118	111	100	81	58	30
SP 05-28	0.75	1.0		158	151	138	111	79	42
SP 05-36	1.1	1.5		205	196	175	144	103	54
SP 05-42	1.1	1.5		238	227	203	168	118	67
SP 05-50	1.5	2.0		283	271	246	199	140	72.5
SP 05-57	2.0	3.0		322	310	282	227	160	88.5

Dimensions and Weights

Pump Type	Motor Type	A	B	C	Net Weight (kg)
SP 05-09	4"	356	RP 1 1/4" NPT 1 1/4"	98	2.9
SP 05-14	4"	461		98	3.7
SP 05-18	4"	545		98	4.4
SP 05-21	4"	608		98	5.0
SP 05-28	4"	755		98	6.2
SP 05-36	4"	946		98	9.9
SP 05-42	4"	1072		98	11.3
SP 05-50	4"	1240		98	13.2
SP 05-57	4"	1387		98	14.8



Performance Curves

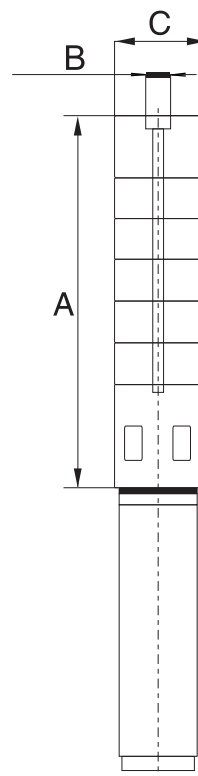


Specifications

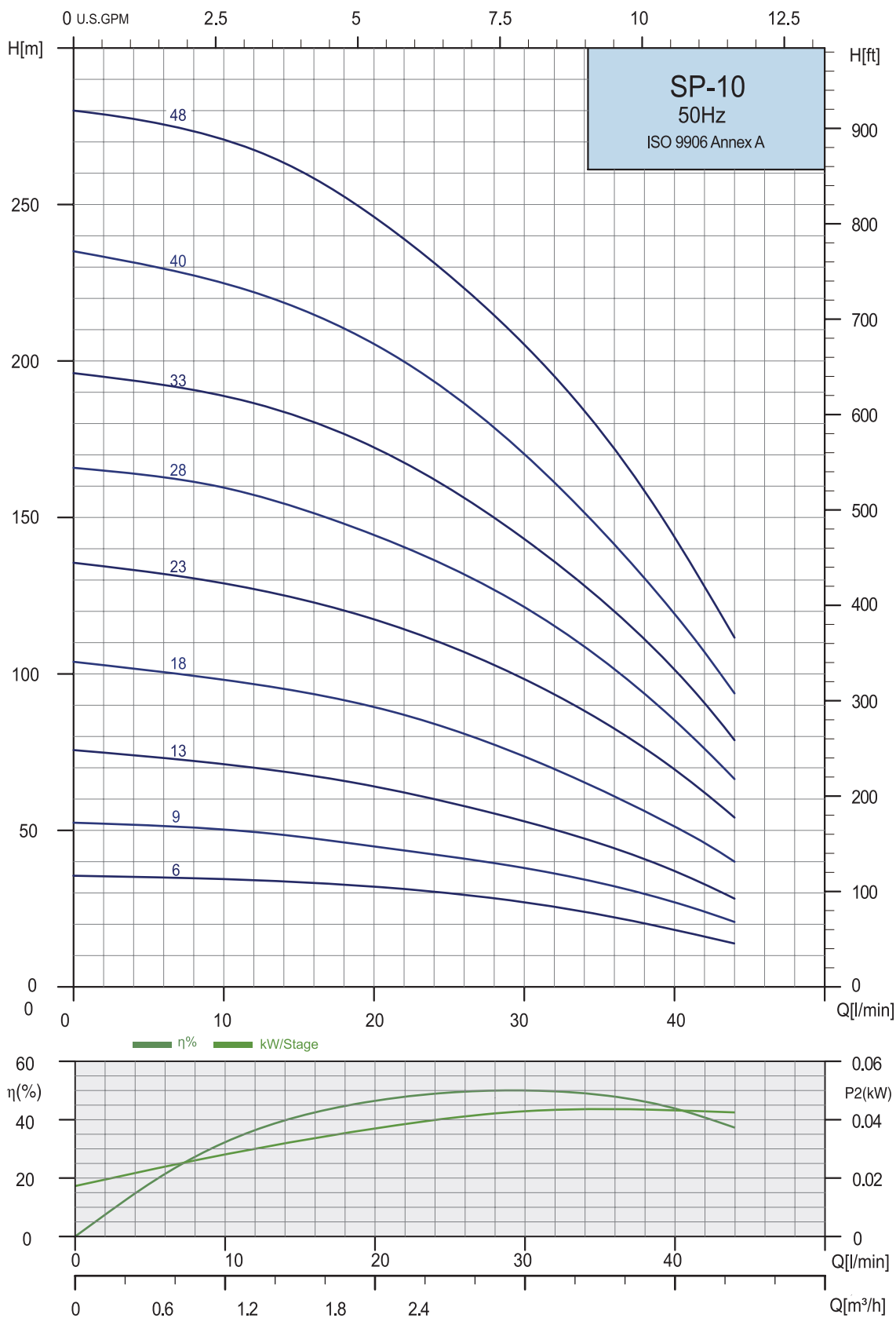
Pump Type	Motor		Q=DELIVERY							
	kW	HP	l/min	0	15	20	25	30	35	40
			m3/h	0	0.9	1.2	1.5	1.8	2.1	2.4
SP 10-06	0.37	0.5	H (m)	36	34	32	30	27	23	18
SP 10-09	0.37	0.5		52	48	45	42	38	33	27
SP 10-13	0.55	0.75		76	68	64	59	53	46	37
SP 10-18	0.75	1.0		104	94	89	82	74	63	51
SP 10-23	1.1	1.5		136	124	117	109	98	85	69
SP 10-28	1.5	2.0		166	153	144	134	121	105	85
SP 10-33	1.5	2.0		196	182	172	159	143	124	101
SP 10-40	2.2	3.0		235	217	205	190	170	147	119
SP 10-48	2.2	3.0		280	261	246	227	205	178	144

Dimensions and Weights

Pump Type	Motor Type	A	B	C	Net Weight (kg)
SP 10-06	4"	293	RP 1 1/4" NPT 1 1/4"	98	2.3
SP 10-09	4"	356		98	3.0
SP 10-13	4"	440		98	3.8
SP 10-18	4"	545		98	4.7
SP 10-23	4"	650		98	5.7
SP 10-28	4"	755		98	6.6
SP 10-33	4"	883		98	9.7
SP 10-40	4"	1030		98	11.5
SP 10-48	4"	1198		98	13.5



Performance Curves

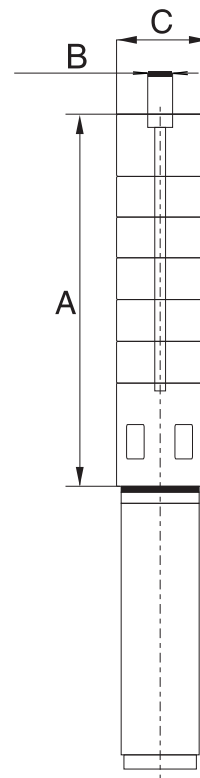


Specifications

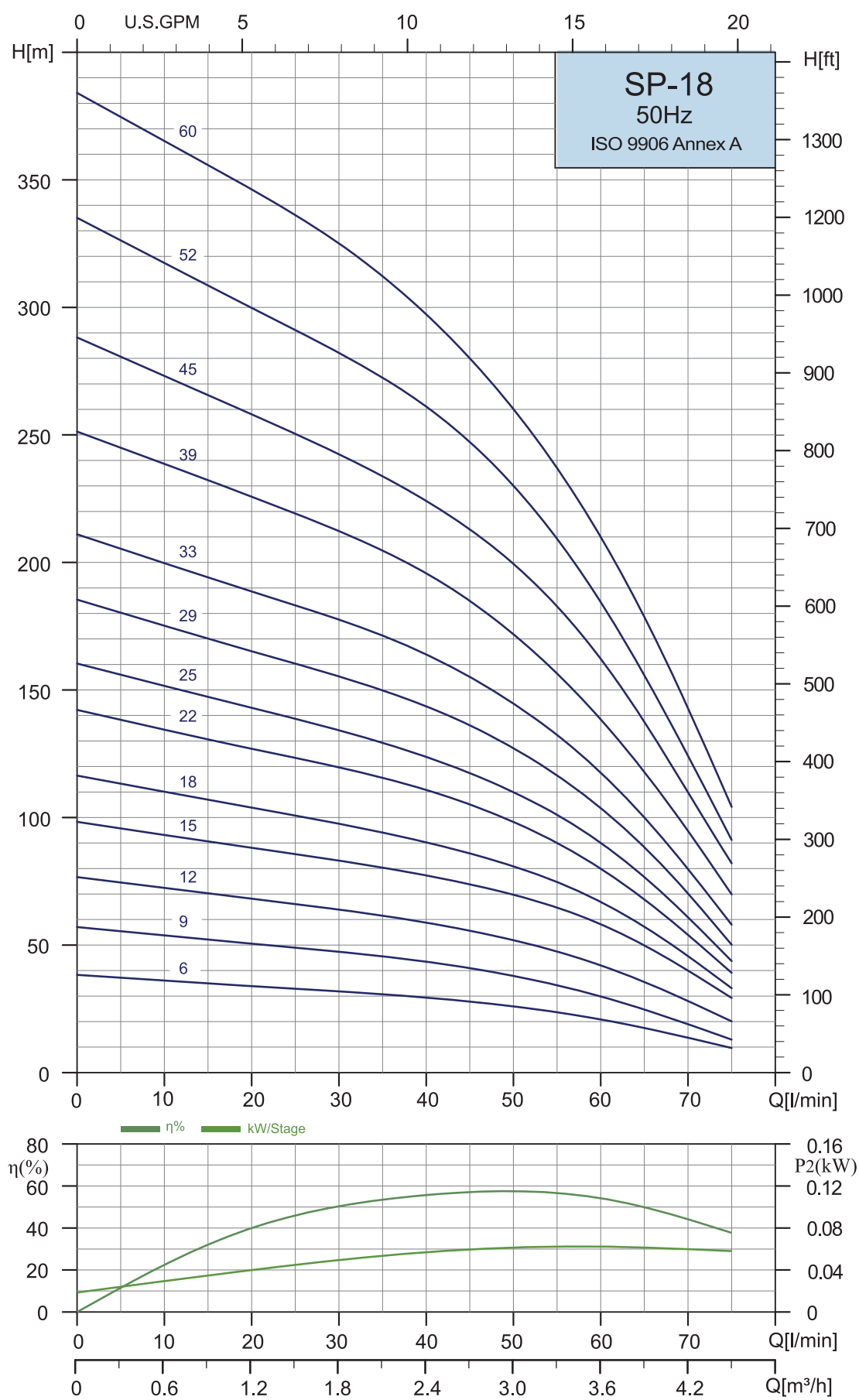
Pump Type	Motor		Q=DELIVERY									
	kW	HP	l/min	0	25	30	35	40	45	50	60	70
			m ³ /h	0	1.5	1.8	2.1	2.4	2.7	3.0	3.6	4.2
SP 18-06	0.37	0.5	H (m)	38	33	32	31	30	28	26	21	14
SP 18-09	0.55	0.75		57	49	47	46	43	41	38	30	19
SP 18-12	0.75	1.0		77	66	64	62	58	56	52	42	28
SP 18-15	1.1	1.5		97	85	83	80	77	74	69	57	40
SP 18-18	1.1	1.5		116	101	97	94	90	85	80	67	45
SP 18-22	1.5	2.0		142	123	120	115	110	105	98	80	54
SP 18-25	1.5	2.0		160	139	134	129	123	117	110	90	61
SP 18-29	2.2	3.0		185	160	155	150	143	136	127	103	70
SP 18-33	2.2	3.0		211	183	177	171	164	155	145	118	80
SP 18-39	3.0	4.0		251	219	212	205	196	185	172	138	95
SP 18-45	3.0	4.0		288	250	242	234	224	213	199	162	110
SP 18-52	4.0	5.5		334	291	282	272	261	247	230	184	124
SP 18-60	4.0	5.5		384	336	325	312	297	280	260	210	143

Dimensions and Weights

Pump Type	Motor Type	A	B	C	Net Weight (kg)
SP 18-06	4"	293	RP 1 1/4" NPT 1 1/4"	98	2.4
SP 18-09	4"	356		98	3.0
SP 18-12	4"	419		98	3.6
SP 18-15	4"	482		98	4.2
SP 18-18	4"	545		98	4.7
SP 18-22	4"	629		98	5.5
SP 18-25	4"	692		98	6.1
SP 18-29	4"	776		98	6.8
SP 18-33	4"	883		98	9.7
SP 18-39	4"	1009		98	11.2
SP 18-45	4"	1135		98	12.7
SP 18-52	4"	1282		98	14.5
SP 18-60	4"	1450		98	16.6



Performance Curves

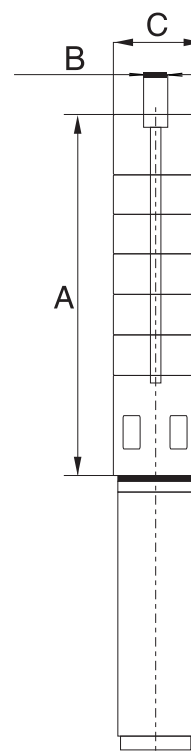


Specifications

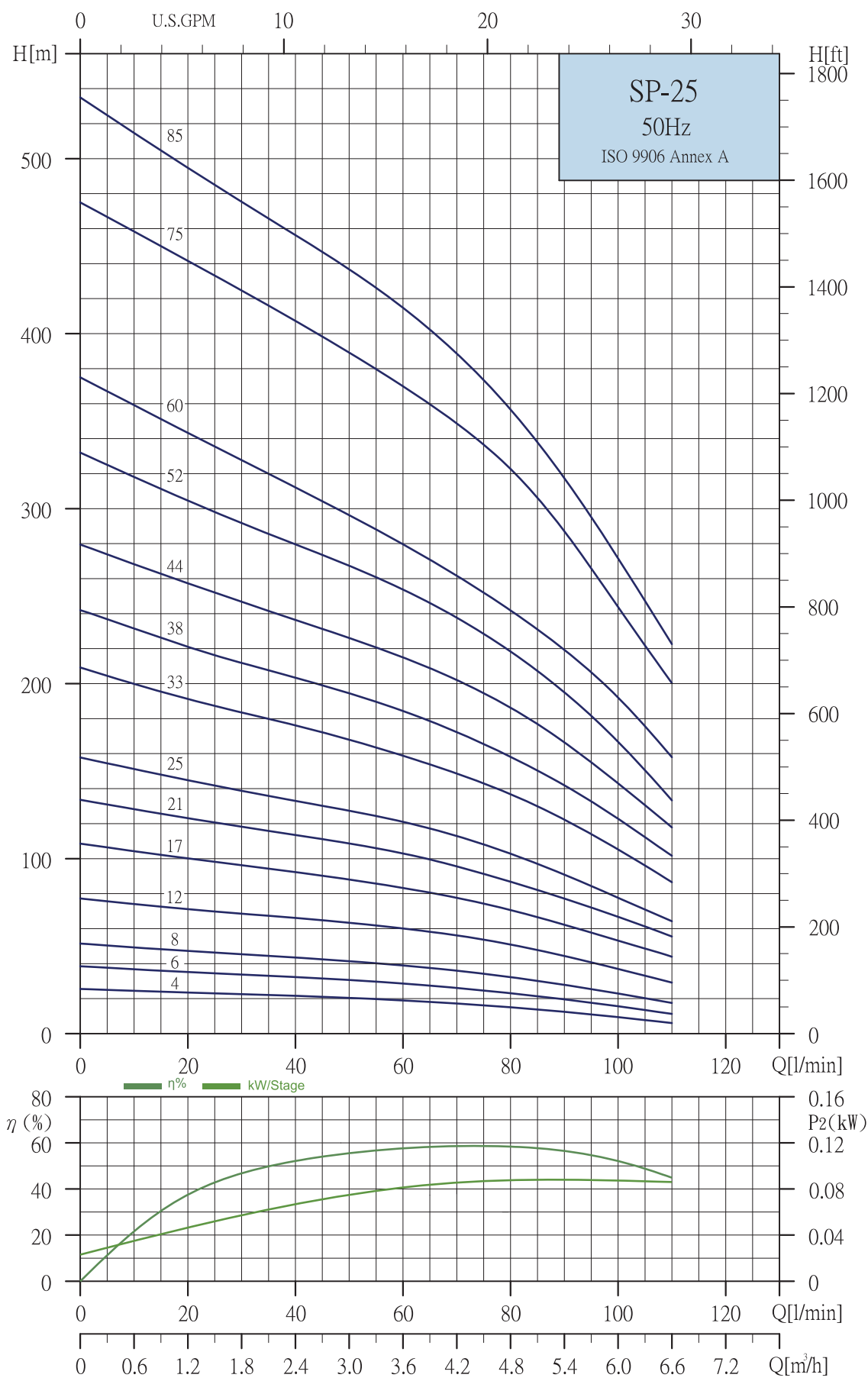
Pump Type	Motor		Q=DELIVERY											
	kW	HP	I/min	0	30	35	40	45	50	60	70	80	90	100
			m3/h	0	1.8	2.1	2.4	2.7	3.0	3.6	4.2	4.8	5.4	6.0
SP 25-04	0.37	0.5	H (m)	25	23	22	21	20.5	20	19	17	15	12	10
SP 25-06	0.55	0.75		38	34	33	32	31	30	28	26	23	20	16
SP 25-08	0.75	1.0		51	45	44	43	42	41	39	36	32	28	23
SP 25-12	1.1	1.5		77	68	67	66	64	63	60	56	51	44	37
SP 25-17	1.5	2.0		108	96	94	92	90	88	83	77	70	62	53
SP 25-21	2.2	3.0		134	118	115	113	111	108	103	96	87	77	67
SP 25-25	2.2	3.0		157	138	136	133	130	127	121	113	103	90	78
SP 25-33	3.0	4.0		209	184	180	176	172	168	159	149	137	122	105
SP 25-38	4.0	5.5		242	212	208	203	199	194	184	172	158	142	123
SP 25-44	4.0	5.5		279	247	242	237	231	226	215	202	187	166	143
SP 25-52	5.5	7.5		332	291	285	279	273	267	253	237	218	195	166
SP 25-60	5.5	7.5		375	327	320	312	304	296	279	261	242	219	192
SP 25-75	7.5	10.0		475	424	416	407	398	389	370	348	322	287	243
SP 25-85	7.5	10.0		535	475	466	456	446	436	414	388	356	317	271

Dimensions and Weights

Pump Type	Motor Type	A	B	C	Net Weight (kg)
SP 25-04	4"	251	RP 1 1/2" NPT 1 1/2"	98	2.0
SP 25-06	4"	293		98	2.4
SP 25-08	4"	335		98	2.8
SP 25-12	4"	419		98	3.6
SP 25-17	4"	524		98	4.5
SP 25-21	4"	608		98	5.3
SP 25-25	4"	692		98	6.0
SP 25-33	4"	868		98	9.6
SP 25-38	4"	973		98	10.9
SP 25-44	4"	1099		98	12.4
SP 25-52	4"	1267		98	14.4
SP 25-52	6"	1341		138	16.5
SP 25-60	4"	1435		98	16.4
SP 25-60	6"	1509		138	18.5
SP 25-75	6"	2171		140	41.5
SP 25-85	6"	2335		140	45.5



Performance Curves

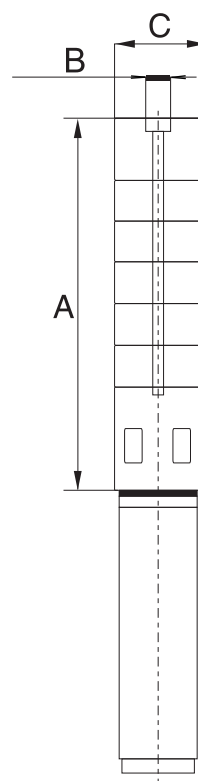


Specifications

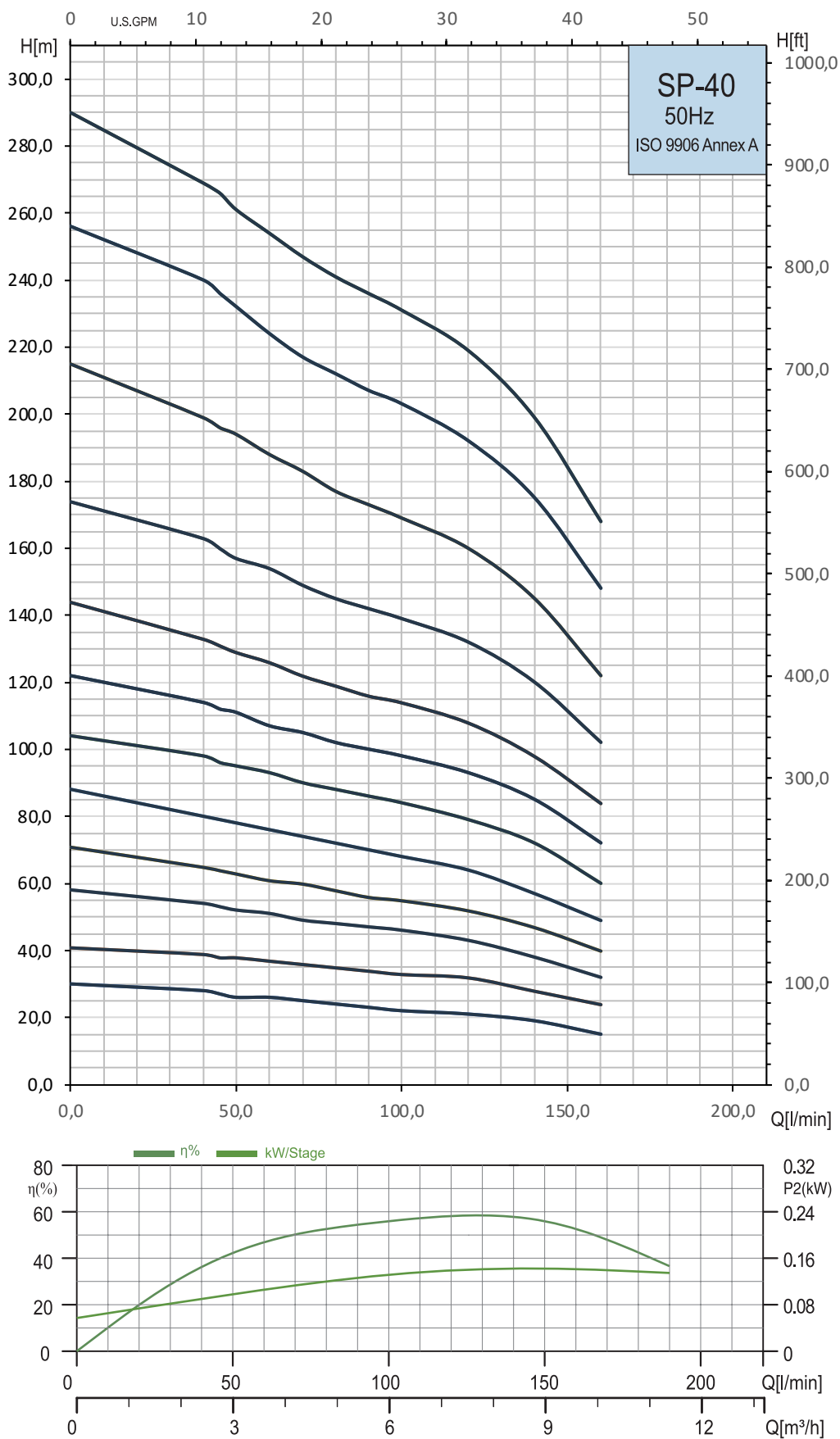
Pump Type	Motor		Q=DELIVERY													
	kW	HP	l/min	0	40	45	50	60	70	80	90	100	120	140	160	180
			m3/h	0	2.4	2.7	3.0	3.6	4.2	4.8	5.4	6.0	7.2	8.4	9.6	10.8
SP 40-05	0.75	1.0	H (m)	30	28	27	26	26	25	24	23	22	21	19	15	11
SP 40-07	1.1	1.5		41	39	38	38	37	36	35	34	33	32	28	24	18
SP 40-10	1.5	2.0		58	54	53	52	51	49	48	47	46	43	38	32	25
SP 40-12	2.2	3.0		71	65	64	63	61	60	58	56	55	52	47	40	31
SP 40-15	2.2	3.0		88	80	79	78	76	74	72	70	68	64	57	49	38
SP 40-18	3.0	4.0		104	98	96	95	93	90	88	86	84	79	72	60	46
SP 40-21	4.0	5.5		122	114	112	111	107	105	102	100	98	93	85	72	55
SP 40-25	4.0	5.5		144	133	131	129	126	122	119	116	114	108	98	84	64
SP 40-30	5.5	7.5		174	163	160	157	154	149	145	142	139	132	120	102	79
SP 40-37	5.5	7.5		215	199	196	194	188	183	177	173	169	160	145	122	93
SP 40-44	7.5	10.0		256	240	236	232	224	217	212	207	203	192	175	148	112
SP 40-50	7.5	10.0		290	269	266	261	254	247	241	236	231	219	199	168	127

Dimensions and Weights

Pump Type	Motor Type	A	B	C	Net Weight (kg)
SP 40-05	4"	412	RP 2" NPT 2"	98	4.3
SP 40-07	4"	496		98	5.3
SP 40-10	4"	622		98	6.8
SP 40-12	4"	706		98	7.8
SP 40-15	4"	832		98	9.3
SP 40-18	4"	958		98	10.8
SP 40-21	4"	1084		98	12.3
SP 40-25	4"	1252		98	14.3
SP 40-30	4"	1462		98	16.8
SP 40-37	4"	1753		98	20.3
SP 40-44	4"	2047		98	23.3
SP 40-44	6"	2113		138	25.5
SP 40-50	4"	2299		98	26.4
SP 40-50	6"	2365		138	28.5



Performance Curves

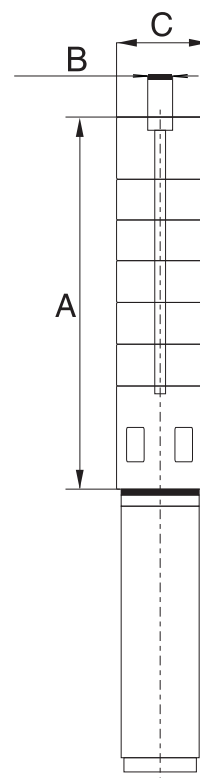


Specifications

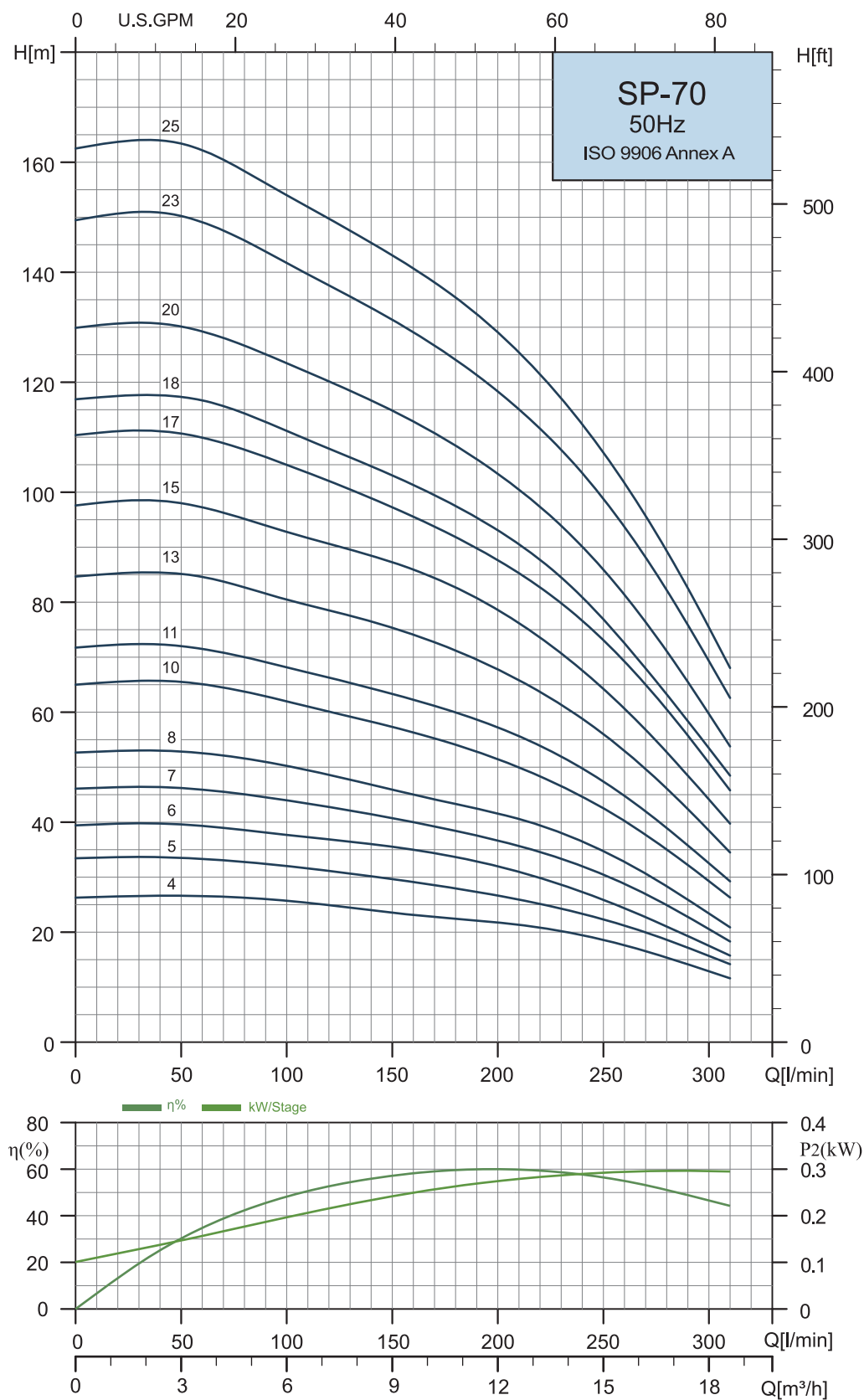
Pump Type	Motor		Q=DELIVERY									
	kW	HP	l/min	0	100	120	140	160	180	200	250	300
			m3/h	0	6.0	7.2	8.4	9.6	10.8	12.0	15.0	18.0
SP 70-04	1.1	1.5	H (m)	26	25.5	25	24	23	22.5	21.5	18.5	13
SP 70-05	1.5	2.0		33	32	31	30	29	28	26	22	16
SP 70-06	2.2	3.0		39.5	37.5	37	36	35	33.5	32	26	17.5
SP 70-07	2.2	3.0		46	44	43	42	40	38	36	30	20
SP 70-08	3.0	4.0		52.5	50	48.5	46.5	45	43	41.5	35	23.5
SP 70-10	3.0	4.0		65	62	60	58	56	54	51	43	29
SP 70-11	4.0	5.5		71.5	68	66	64	62	60	57	47	32.5
SP 70-13	4.0	5.5		84	80	78	77	74	71	67	56	38
SP 70-15	5.5	7.5		97.5	92.5	90.5	88.5	86	82.5	78.5	64	44
SP 70-17	5.5	7.5		110	105	102	99	95.5	92	87.5	73	51
SP 70-18	5.5	7.5		117	111	108	104	102	97	93	77	54
SP 70-20	7.5	10.0		130	123	120	116.5	113	108.5	103	86	59
SP 70-23	7.5	10.0		149.5	141.5	137.5	133.5	129	124	118	99	69
SP 70-25	7.5	10.0		163	154	149	145	141	135	129	107	75

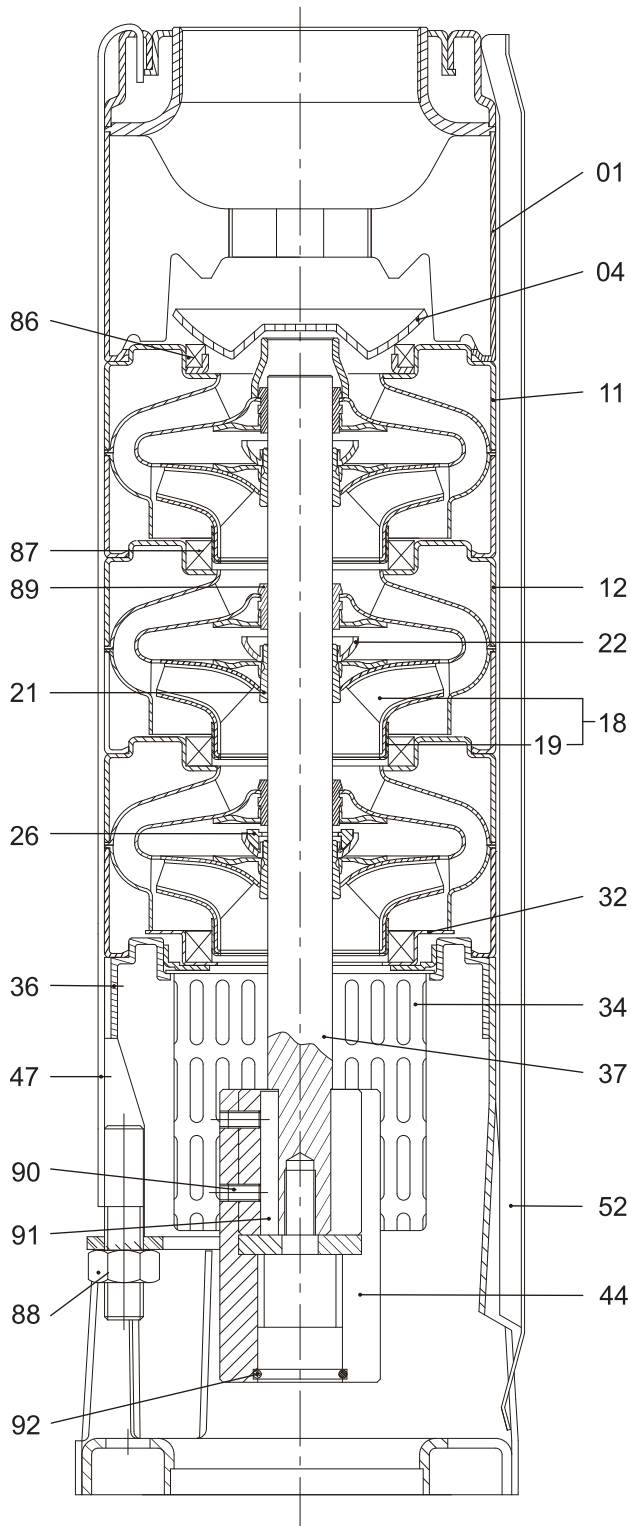
Dimensions and Weights

Pump Type	Motor Type	A	B	C	Net Weight (kg)
SP 70-04	4"	440	RP/NPT 2"	98	4.4
SP 70-05	4"	505		98	5.0
SP 70-06	4"	570		98	5.7
SP 70-07	4"	635		98	6.3
SP 70-08	4"	700		98	7.0
SP 70-10	4"	830		98	8.2
SP 70-11	4"	895		98	8.9
SP 70-13	4"	1025		98	10.2
SP 70-15	4"	1155		98	11.5
SP 70-17	4"	1285		98	12.8
SP 70-18	4"	1350		98	13.4
SP 70-20	4"	1480		98	14.7
SP 70-23	4"	1675		98	16.6
SP 70-25	4"	1805		98	17.8



Performance Curves





Pos.	Part Name	Materials
1	Discharge	SUS304 / SUS316
4	Valve Cone	SUS304 / SUS316
11	Top Diffuser	SUS304 / SUS316
12	Diffuser	SUS304 / SUS316
18	Impeller	SUS304 / SUS316
19	Ring of Impeller	SUS304 / SUS316
21	Split Cone	SUS304 / SUS316
22	Split Cone Nut	SUS304 / SUS316
26	Spacing Washer For Stop Ring	Carbon+Graphite+PTFE
32	Neck Ring Retainer	SUS304 / SUS316
34	Strainer	SUS304 / SUS316
36	Suction Interconnector	SUS304 / SUS316
37	Pump Shaft	SUS431 / SUS316
44	Coupling	SUS431 / SUS316
47	Strap	SUS304 / SUS316
52	Cable Guard	SUS304 / SUS316
86	Valve Seat	SUS304+NBR / HNBR
87	Neck Ring Nut	SUS304+NBR / HNBR
88	Nut	SUS304 / SUS316
89	Bearing	NBR / HNBR
90	Screw	SUS304 / SUS316
91	Key	SUS304 / SUS316
92	O-ring	NBR / HNBR

*AISI 316 stainless steel pumps are available on request.



Model Code

	SP	90	-	08
Number of Impellers				
Rated Flow (GPM)				
Series Name				

Screen size of each hole:
20 x 4 mm

Applications

- Potable water supply
- Agricultural irrigation and livestock watering
- Municipal and industrial water supply
- Pressure boosting
- Mining applications
- Groundwater lowering
- Fountain

Pumped Liquids

- Clean, thin, non-aggressive and non-corrosive liquids without solid particles or fibers.

Operation Conditions

- Capacity (m³/h) min 3 max 78
- Total Head: Max. 648m
- Max. ambient temperature (Liquid): 40°C
- Sand content: Max. 50 g/m³

Features

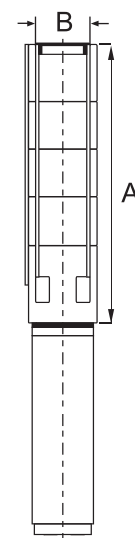
- Stainless steel construction designed and built for years of trouble free operation
- Designed and built to operate in difficult conditions.
- All metal parts are made of 304 or 316 stainless steel, except for the shafts, which are made of 431, 304 or 316 stainless steel.
- Heavy duty stainless steel discharge head with built-in check valve for preventing back flow in connection with pump stoppage and the risk of destructive water hammer is reduced to a minimum.
- Smooth safety hook.
- NEMA standard of bracket mounting.
- High quality shaft bearings provide low friction and high wear resistance.
- The stop ring prevents damage to the pump during transport and in case of up-thrust in connection with start-up. The stop ring, which is designed as a thrust bearing, limits axial movements of the pump shaft.
- Stainless steel strainer to restrict the entry of sand and other extraneous material.

Specifications

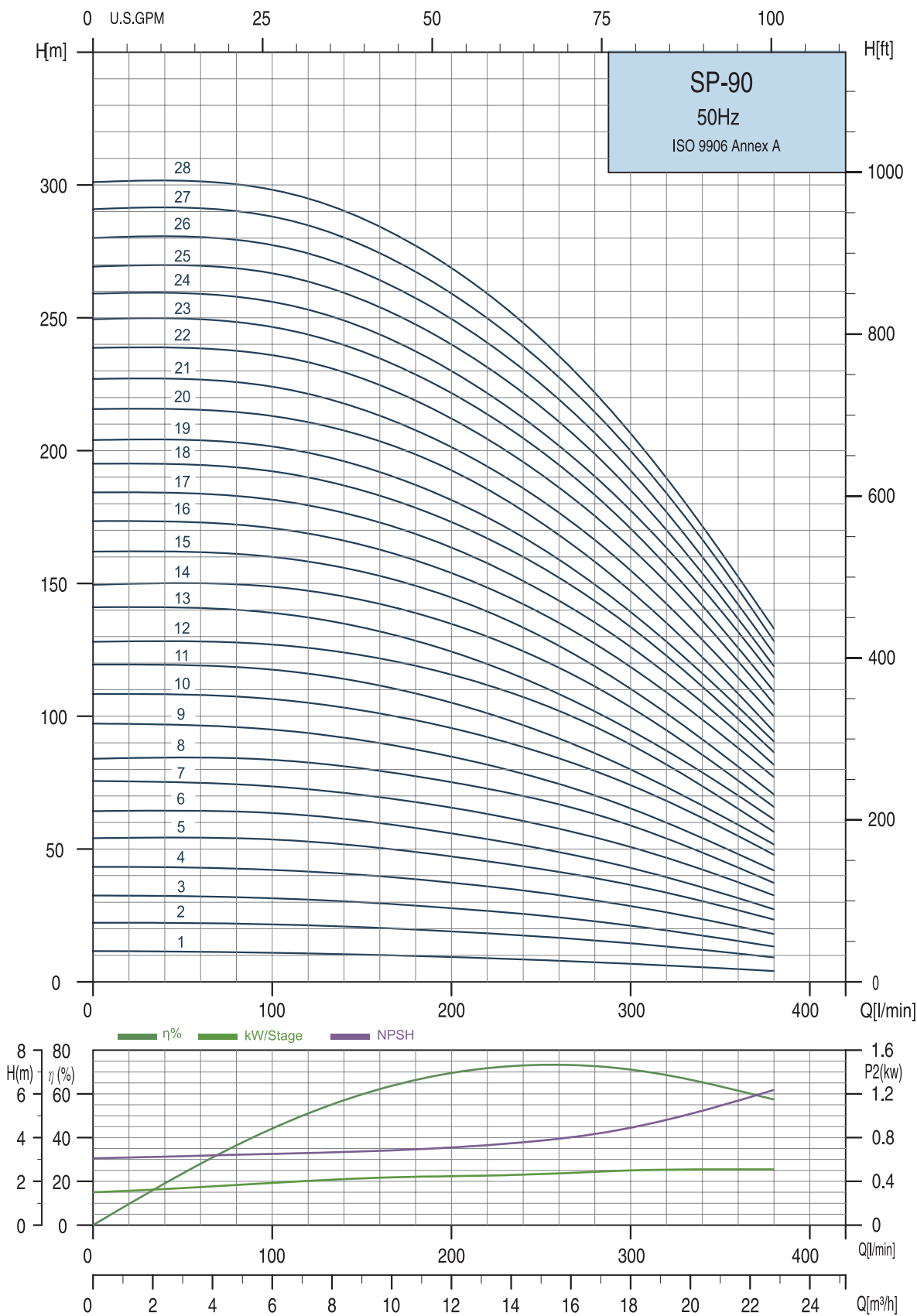
Pump Type	Motor		Q=DELIVERY								
	kW	HP	l/min	3	6	9	12	15	18	21	23
			m3/h	50	100	150	200	250	300	350	383
SP 90-1	0.55	0.75	H (m)	11.5	11	10.5	9.5	8	7	6	4
SP 90-2	1.1	1.5		22	21.5	20	19	17.5	14	12	9
SP 90-3	2.2	3.0		32	31.5	30	27.5	25	21	16.5	13
SP 90-4	2.2	3.0		42.5	42	40	38	33	28.5	23	18
SP 90-5	3.0	4.0		53	52	50.5	47.5	42.5	37	28.5	22
SP 90-6	3.7	5.0		64	63	60	56	50	43	34	27
SP 90-7	4.0	5.5		75	74	70	66	59	50.5	40	32
SP 90-8	5.5	7.5		84.5	83.5	80	75	68	59	46	37
SP 90-9	5.5	7.5		96.5	95	91	85	76.5	65	51	42
SP 90-10	5.5	7.5		108	107	102	95	86	74	58	48
SP 90-11	7.5	10.0		119	117.5	113	105	94	80	62.5	51.5
SP 90-12	7.5	10.0		128	127	123	115.5	104.5	89	69	56.5
SP 90-13	7.5	10.0		141	139	133	124	112	95	75	60
SP 90-14	9.3	12.5		150	148.5	143.5	134.5	121.5	103	80.5	65.5
SP 90-15	9.3	12.5		162	160	154.5	144.5	130	110	86	70.5
SP 90-16	9.3	12.5		173	170.5	164.5	154	139	118.5	93	77
SP 90-17	9.3	12.5		184	182	175	163	147	126	100	80
SP 90-18	9.3	12.5		194.5	192	185	173	156	133.5	105	86
SP 90-19	11.0	15.0		204	201.5	194	181	163	139	109.5	90.5
SP 90-20	11.0	15.0		216	213	206	192	173	147	116	95
SP 90-21	11.0	15.0		227	224	215.5	201	181.5	154.5	121.5	100
SP 90-22	13.0	17.5		239	237	228	212	190	163	129	105
SP 90-23	13.0	17.5		249.5	246.5	237	221.5	200	170.5	133.5	109
SP 90-24	13.0	17.5		260	257	247	230	208	178	40	115
SP 90-25	15	20		270	260.5	256.5	240	216.5	185	145	119
SP 90-26	15	20		280.5	277.5	267	249.5	225	192	151	123.5
SP 90-27	15	20		291	288	277	259	234	200	158	128
SP 90-28	18.5	25		301.5	298	287.5	268.5	242	206.5	162	133

Dimensions and Weights

Pump Type	Motor Type	A	B	C*	C**	Net Weight (kg)
SP 90-1	4"	343	RP 2 1/2" RP 3" NPT 3"	131	-	5.0
SP 90-2	4"	403		131	-	6.4
SP 90-3	4"	464		131	-	7.9
SP 90-4	4"	524		131	-	9.3
SP 90-5	4"	566		131	-	10.8
SP 90-6	4"	626		131	-	12.2
SP 90-7	4"	687		131	-	13.7
SP 90-8	4"	747		131	-	15.1
SP 90-9	4"	808		131	-	16.6
SP 90-10	4"	867		131	-	18.0
SP 90-11	6"	948		142	142	19.5
SP 90-12	6"	1008		142	142	20.9
SP 90-13	6"	1069		142	142	22.4
SP 90-14	6"	1129		142	142	23.9
SP 90-15	6"	1190		142	142	25.3
SP 90-16	6"	1250		142	142	26.8
SP 90-17	6"	1311		142	142	28.2
SP 90-18	6"	1371		142	142	29.7
SP 90-19	6"	1432		142	142	31.1
SP 90-20	6"	1492		142	142	32.5
SP 90-21	6"	1553		142	142	34.0
SP 90-22	6"	1613		142	142	35.4
SP 90-23	6"	1674		142	142	36.9
SP 90-24	6"	1734		142	142	38.3
SP 90-25	6"	1795		142	142	39.8
SP 90-26	6"	1855		142	142	41.2
SP 90-27	6"	1916		142	142	42.7
SP 90-28	6"	1976		142	142	44.2



Performance Curves

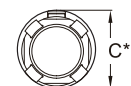
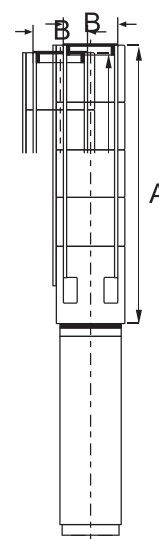


Specifications

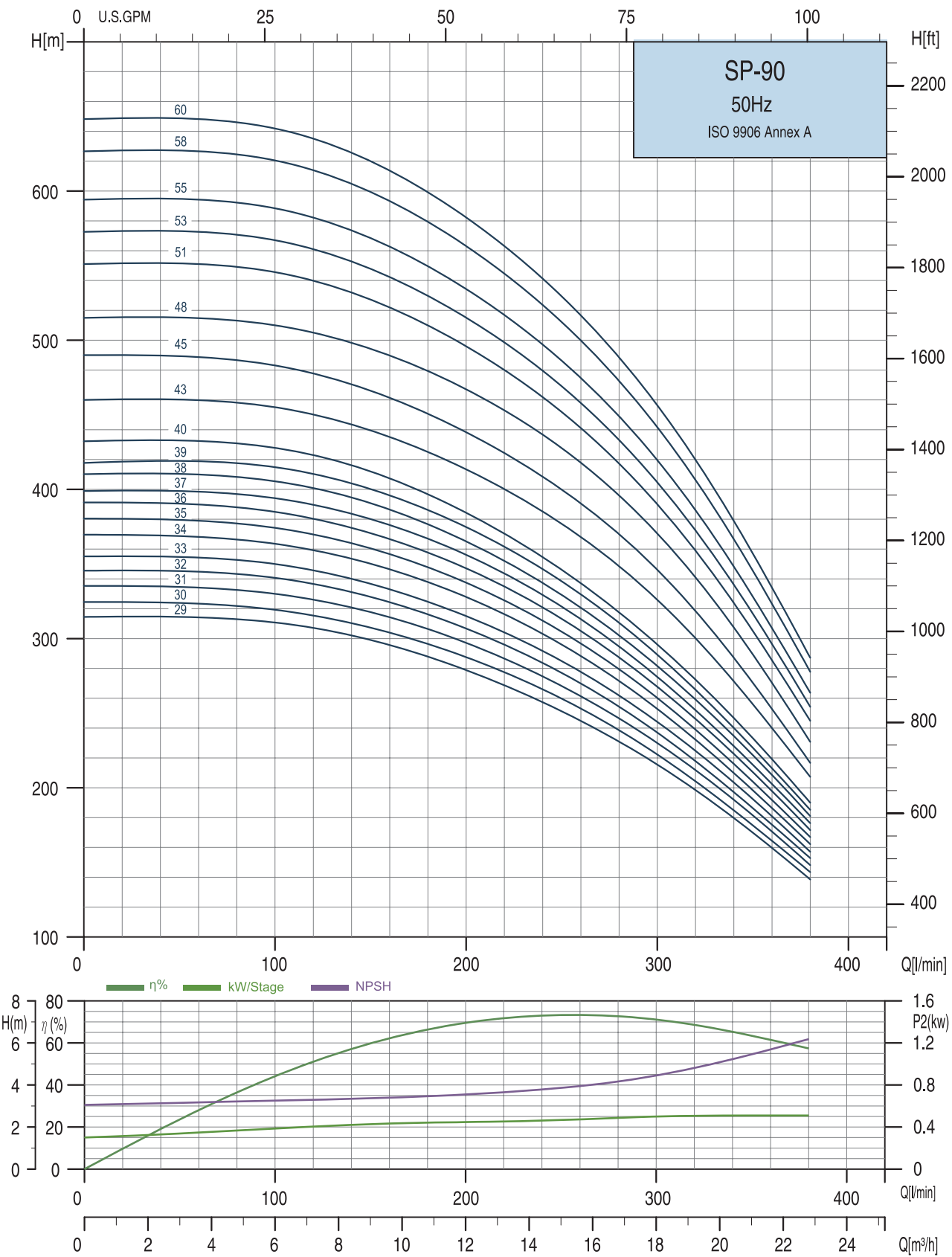
Pump Type	Motor		Q=DELIVERY								
	kW	HP	l/min	3	6	9	12	15	18	21	23
			m3/h	50	100	150	200	250	300	350	383
SP 90-29	18.5	25	H (m)	314	311	300	279	250	215	170	138
SP 90-30	18.5	25		324	319	307	287.5	260	222	175	143.5
SP 90-31	18.5	25		335	330	318	298	269	230	181	148
SP 90-32	18.5	25		345	340.5	328	306.5	277	237	186.5	153
SP 90-33	18.5	25		355	350	337	315	285	243	191	157
SP 90-34	18.5	25		368.5	363.5	350	327.5	296	253	198.5	162
SP 90-35	22	30		379	374	360.5	337.5	304.5	260	204	167
SP 90-36	22	30		390	385	371	348	313	268	210	170
SP 90-37	22	30		399	394	380	356	321.5	274	202.5	176
SP 90-38	22	30		410	405	390	365	330	281	222	180
SP 90-39	22	30		419	415	400	374.5	364	289	227	185
SP 90-40	22	30		433	428	412	384	346	296	235	190
SP 90-43	26	35		460	455	439.5	413.5	377	326	256.5	207
SP 90-45	26	35		489	483	466	438	399.5	346	271	216.5
SP 90-48	26	35		515	510	494	467	427.5	370.5	290	230.5
SP 90-51	30	40		551	545.5	527	496	451.5	390	305.5	245
SP 90-53	30	40		573	567	548	515	469	405	317	254
SP 90-55	37	50		594.5	588.5	568.5	534	486	420	328.5	263.5
SP 90-58	37	50		627	620.5	600	563	512	442	346	277.5
SP 90-60	37	50		648.5	642	620	582	529	456.5	357	287

Dimensions and Weights

Pump Type	Motor Type	Dimensions(mm)				Net Weight (kg)
		A	B	C*	C**	
SP 90-29	6"	2037	RP 2 1/2"	142	142	45.6
SP 90-30	6"	2097		142	142	47.1
SP 90-31	6"	2158		142	142	48.5
SP 90-32	6"	2218		142	142	50.0
SP 90-33	6"	2279		142	142	51.4
SP 90-34	6"	2339		142	142	52.9
SP 90-35	6"	2400		142	142	54.3
SP 90-36	6"	2460		142	142	55.7
SP 90-37	6"	2521		142	142	57.2
SP 90-38	6"	2581		142	142	58.6
SP 90-39	6"	2642	RP 3" NPT 3"	142	142	60.1
SP 90-40	6"	2702		142	142	61.5
SP 90-43	6"	3255		178	181	121.7
SP 90-45	6"	3376		178	181	126.1
SP 90-48	6"	3558		178	181	132.6
SP 90-51	6"	3739		178	181	139.1
SP 90-53	6"	3860		178	181	143.4
SP 90-55	6"	3981		178	181	147.8
SP 90-58	6"	4163		178	181	154.3
SP 90-60	6"	4284		178	181	158.6



Performance Curves

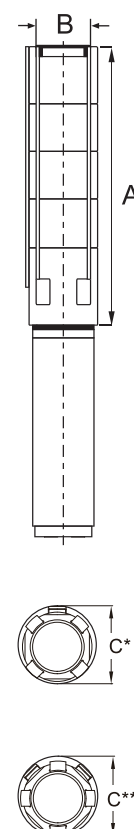


Specifications

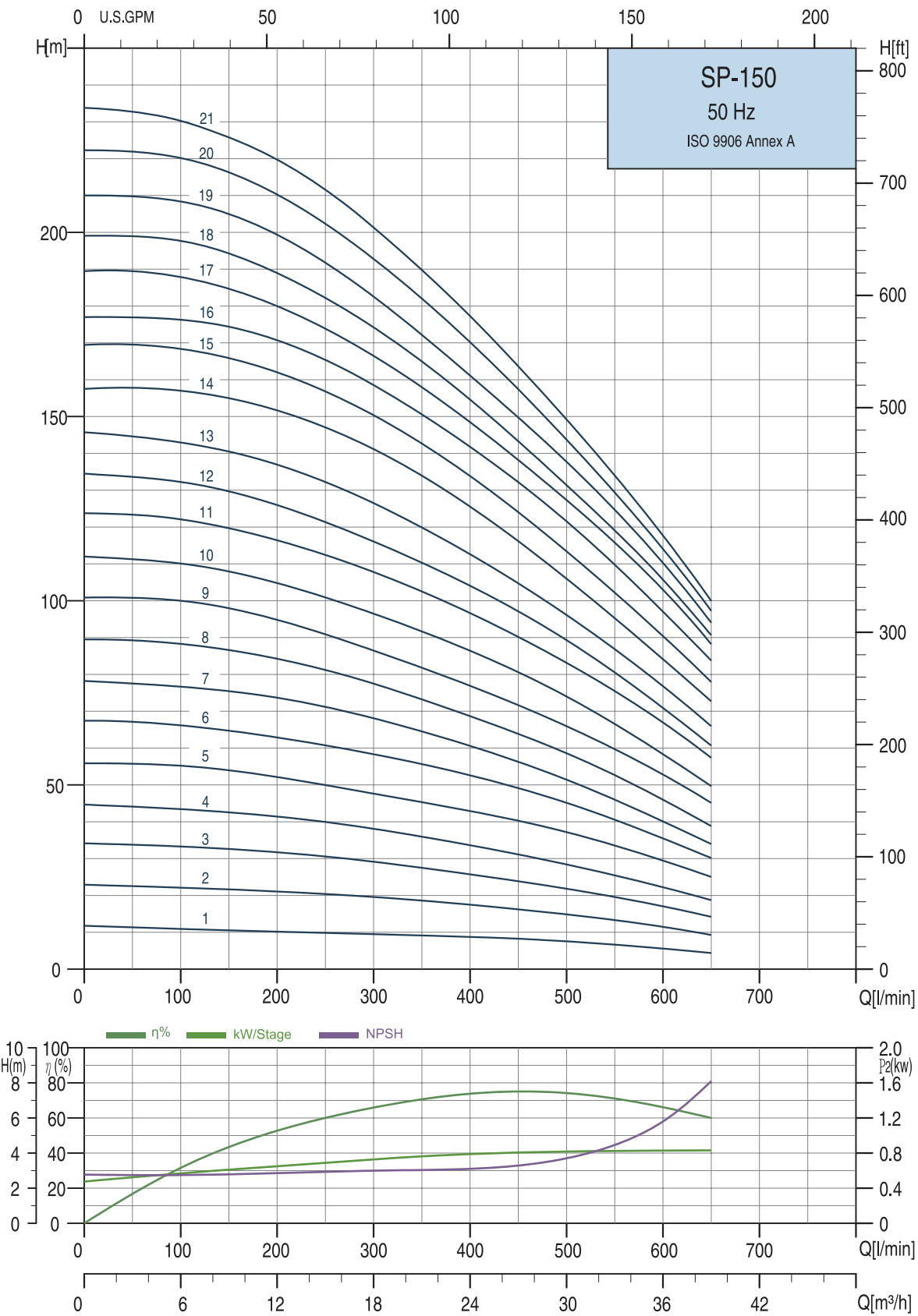
Pump Type	Motor		Q=DELIVERY												
	kW	HP	l/min	6	9	12	15	18	21	24	27	30	33	36	39
			m3/h	100	150	200	250	300	350	400	450	500	550	600	650
SP 150-1	1.1	1.5	H (m)	11	10.5	10	10	9.5	9	8.5	8	7.5	6.5	5.5	4.5
SP 150-2	2.2	3		23	22	21	20	19	18	17	16	15	13	11	9
SP 150-3	3	4		33	32	31	30	29	28	26	24	22	20	17	14
SP 150-4	3.7	5		43	42	41	40	38	36	34	31	28	26	23	19
SP 150-5	5.5	7.5		55	54	52	50	47.5	45	43	40	37	33.5	29	25
SP 150-6	5.5	7.5		67	64	42	60	58	56	52	49	45	40	36	30
SP 150-7	7.5	10		76.5	75.5	73.5	71	68	64.5	60.5	56	52	46	40	34
SP 150-8	7.5	10		88	87	84	81	78	73	68	64	58	53	46	38
SP 150-9	9.3	12.5		100	98	95	91	86.5	81.5	77	71.5	66	59.5	52.5	45
SP 150-10	9.3	12.5		110	108	105	101	96.5	91.5	86	80.5	74	66.5	58	49.5
SP 150-11	11	15		122	120	117	112	108	102	97	90	83	76	67	57
SP 150-12	11	15		132	129.5	126	121	116	110	104	97	89	80.5	70.5	60.5
SP 150-13	11	15		143	140	137	132	127	120	113	105	97	87	77	66
SP 150-14	13	17.5		157	155	151.5	147	141	134	125.5	116	108	95	84	72.5
SP 150-15	15	20		168	166	162	157	150	142	134	124	113	102	90	77
SP 150-16	15	20		176	174	170.5	165	158.5	150.5	141.5	132	122	109.5	97	83.5
SP 150-17	15	20		188	185	180	173	167	158	148	138	127	116	103	88
SP 150-18	18.5	25		197.5	194	189	182	174	165	154.5	143	130	119	105.5	90
SP 150-19	18.5	25		208	205	199	192	182	172	161	150	137	125	110	94
SP 150-20	18.5	25		220	216	210	202	193	182	170	157	144	129	114	97
SP 150-21	18.5	25		230	226	220	212	202	190	177	164	149	134	117	100

Dimensions and Weights

Pump Type	Motor Type	A	B	C*	C**	Net Weight (kg)
SP 150-1	4"	366	RP 3" NPT 3"	131		6.7
SP 150-2	4"	462		131		8.4
SP 150-3	4"	558		131		10.1
SP 150-4	4"	654		131		11.8
SP 150-5	4"	750		131		13.5
SP 150-6	4"	846		131		15.2
SP 150-7	6"	942		142	142	16.9
SP 150-8	6"	1038		142	142	18.6
SP 150-9	6"	1134		142	142	20.3
SP 150-10	6"	1230		142	142	22
SP 150-11	6"	1326		142	142	23.6
SP 150-12	6"	1422		142	142	25.3
SP 150-13	6"	1518		142	142	27
SP 150-14	6"	1614		142	142	29.7
SP 150-15	6"	1710		142	142	30.4
SP 150-16	6"	1806		142	142	32.1
SP 150-17	6"	1902		142	142	33.8
SP 150-18	6"	1998		142	142	35.5
SP 150-19	6"	2094		142	142	37.2
SP 150-20	6"	2190		142	142	38.9
SP 150-21	6"	2286		142	142	40.6



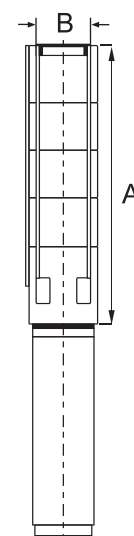
Performance Curves



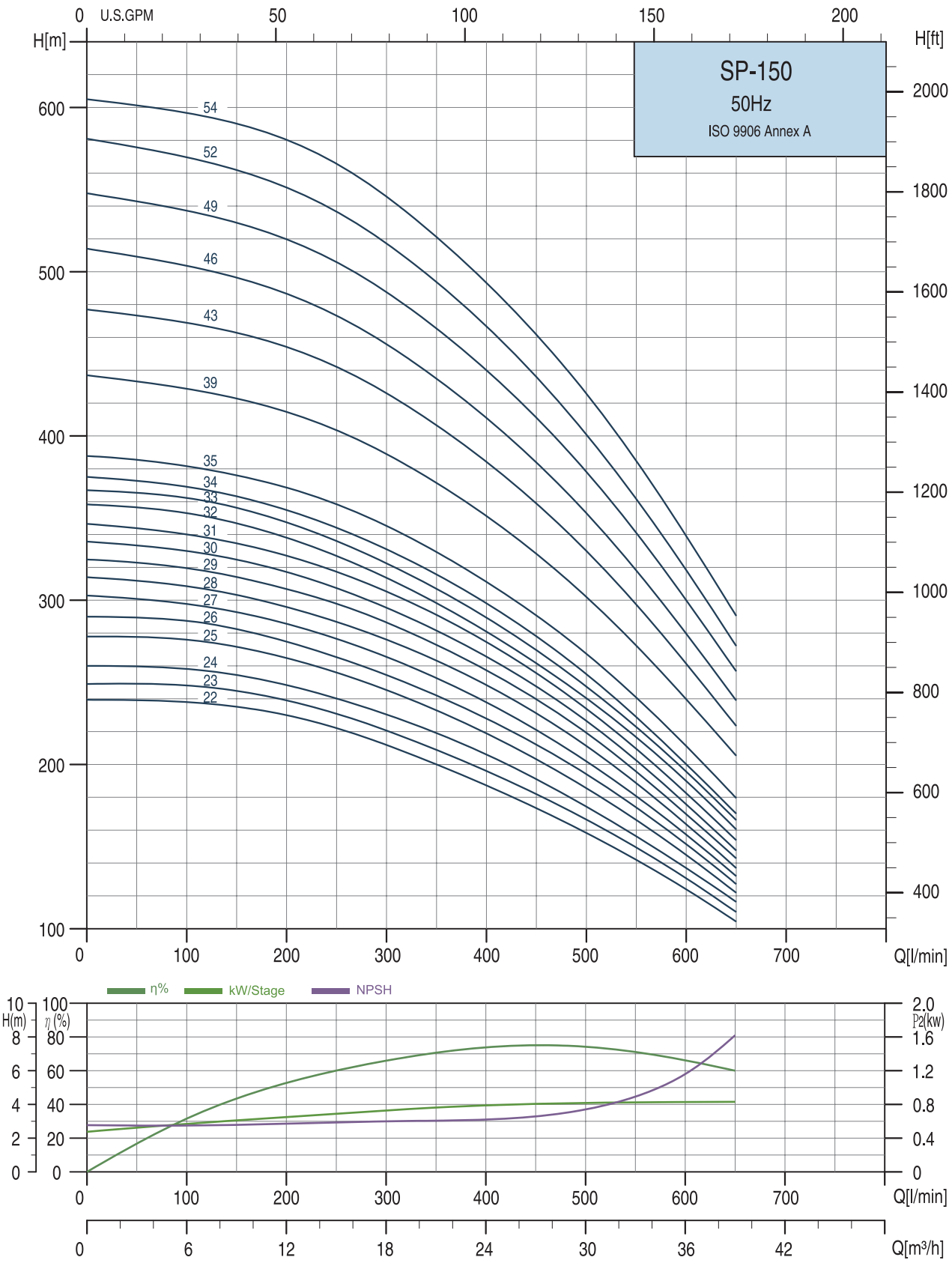
Pump Type	Motor		Q=DELIVERY 2850rpm												
	P2		l/min m³/h	100	150	200	250	300	350	400	450	500	550	600	650
	kW	HP		6,0	9,0	12,0	15,0	18,0	21,0	24,0	27,0	30,0	33,0	36,0	39,0
SP 150-22	22,0	30,0	H (m)	238,0	235,0	230,0	222,0	212,0	200,0	187,0	173,0	159,0	142,0	123,5	104,0
SP 150-23	22,0	30,0		248,0	244,5	239,0	231,0	220,5	209,0	196,0	182,0	166,5	149,5	130,5	110,0
SP 150-24	22,0	30,0		258,0	254,0	248,0	240,0	230,0	219,0	207,0	191,0	175,0	156,0	137,0	117,0
SP 150-25	22,0	30,0		276,0	271,5	264,5	256,0	245,0	233,0	218,5	203,0	186,5	166,0	144,5	122,0
SP 150-26	22,0	30,0		287,0	282,0	275,0	266,0	255,0	242,0	227,0	212,0	194,0	173,0	152,0	127,0
SP 150-27	26,0	35,0		297,5	292,5	285,5	276,5	265,0	252,5	237,5	221,0	202,0	180,5	157,0	132,0
SP 150-28	26,0	35,0		308,5	303,0	296,0	287,0	276,0	263,0	248,0	231,0	212,0	188,5	163,5	136,5
SP 150-29	26,0	35,0		319,0	314,0	307,0	298,0	287,0	273,0	257,0	240,0	220,0	196,0	170,0	143,0
SP 150-30	26,0	35,0		330,0	324,5	317,0	307,0	295,0	281,5	265,5	247,5	226,5	202,0	175,5	147,5
SP 150-31	26,0	35,0		340,0	334,5	327,0	317,0	305,0	291,0	274,5	255,5	234,0	209,0	182,5	153,5
SP 150-32	30,0	40,0		353,0	347,0	338,0	327,0	313,0	298,0	281,0	261,0	240,0	217,0	190,0	160,0
SP 150-33	30,0	40,0		262,0	356,0	347,0	336,0	322,0	307,0	289,0	269,5	247,5	222,5	195,5	166,0
SP 150-34	30,0	40,0		369,0	363,0	355,0	344,0	331,0	315,0	298,0	278,0	255,0	229,0	200,0	170,0
SP 150-35	30,0	40,0		382,0	377,0	368,0	358,0	346,0	329,0	311,0	290,0	267,0	240,0	211,0	180,0
SP 150-39	37,0	50,0		428,5	422,5	415,0	403,5	389,0	371,0	351,0	328,0	302,0	272,0	240,0	205,0
SP 150-43	37,0	50,0		468,5	462,5	454,0	442,0	426,0	406,5	384,0	358,5	330,0	297,0	261,0	223,0
SP 150-46	45,0	60,0		503,0	496,0	486,5	473,0	456,0	435,0	411,0	383,5	353,0	318,0	279,5	239,0
SP 150-49	45,0	60,0		537,0	529,5	520,0	506,0	487,5	465,0	440,0	411,0	378,0	341,0	300,0	256,5
SP 150-52	55,0	75,0		569,0	561,5	551,0	536,5	517,0	493,5	466,5	436,0	401,0	361,5	318,0	272,0
SP 150-54	55,0	75,0		596,0	590,0	580,0	566,0	546,0	521,0	493,0	461,5	428,0	384,5	339,0	290,0

Dimensions and Weights

Pump Type	Motor Type	A	B	C*	C**	Net Weight (kg)
SP 150-22	6"	2382	RP 3" NPT 3"	142	142	42.3
SP 150-23	6"	2478		142	142	44
SP 150-24	6"	2574		142	142	45.6
SP 150-25	6"	2670		142	142	47.3
SP 150-26	6"	2766		142	142	49
SP 150-27	6"	2862		142	142	50.7
SP 150-28	6"	2958		142	142	52.4
SP 150-29	6"	3054		142	142	54.1
SP 150-30	6"	3150		142	142	55.8
SP 150-31	6"	3246		142	142	57.5
SP 150-32	6"	3342		142	142	59.2
SP 150-33	6"	3438		142	142	60.9
SP 150-34	6"	3534		142	142	62.6
SP 150-35	6"	3630		142	142	64.3
SP 150-39	6"	4451		178	181	142
SP 150-43	6"	4775		178	181	151.2
SP 150-46	8"	5016		192	192	190.8
SP 150-49	8"	5304		192	192	198.1
SP 150-52	8"	5592		192	192	213.5
SP 150-54	8"	5784		192	192	220



Performance Curves

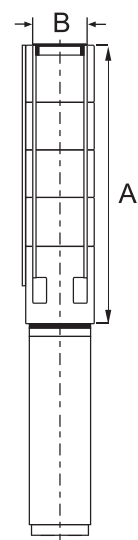


Specifications

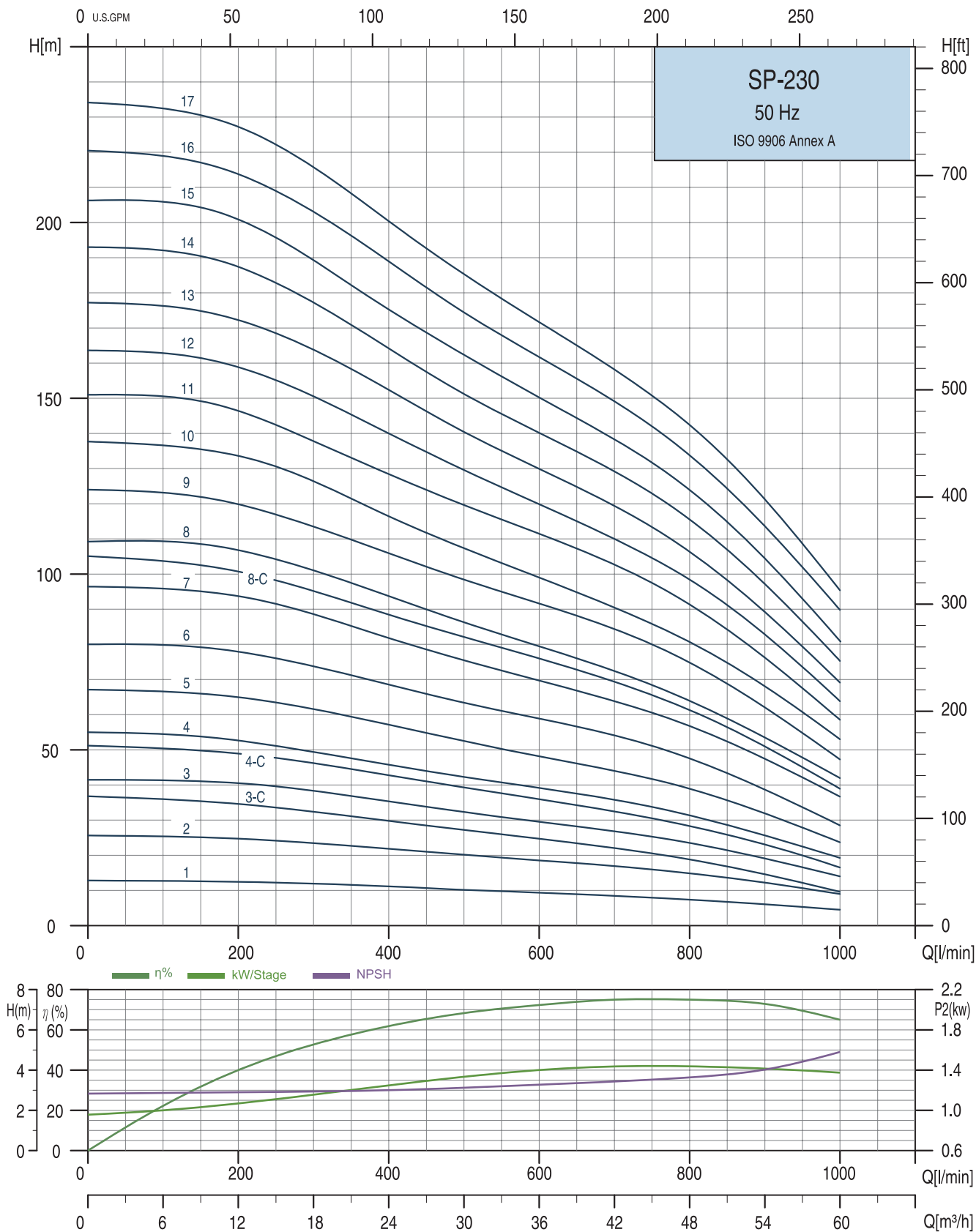
Pump Type	Motor		Q=DELIVERY												
	kW	HP	I/min	12	15	18	21	24	27	30	36	42	48	54	60
			m3/h	200	250	300	350	400	450	500	600	700	800	900	1000
SP 230-1	2.2	3	H (m)	12.5	12.5	12	11.5	11	10.5	10	9	8.5	7.5	6	4.5
SP 230-2	3	4		24	23.5	23	22.5	22	21	20	18	17	15	12	9
SP 230-3C	3.7	5		35	34	32	31	29	28	27	24	22	19	14	10
SP 230-3	5.5	7.5		40	39	38	37	35	34	33	29	27	23	18	24
SP 230-4C	5.5	7.5		49	47	46	45	43	41	39	36	32	28	23	17
SP 230-4	7.5	10		52.5	51	49	47.5	45.5	44	42	39	36	31	25.5	19
SP 230-5	7.5	10		65	63	61	59	57	55	53	48	44	39	32	24
SP 230-6	9.3	12.5		78	76	73.5	71	68.5	66	63	59	54	47.5	38.5	28.5
SP 230-7	11	15		94	92	88	85	82	79	76	70	64	57	47	37
SP 230-8C	11	15		100	98	95	92	88	85	82	76	69	61	51	39
SP 230-8	13	17.5		106.5	104	101	97	93.5	90	86	79	72.5	64	53.5	42
SP 230-9	15	20		120	117	113.5	109.5	106	102	98	91.5	84.5	74.5	61.5	47
SP 230-10	15	20		133	130	127	122	117	112	107	98	90	80	67	53
SP 230-11	18.5	25		146	142	138	133	128	124	119.5	111.5	103	91	76	58.5
SP 230-12	18.5	25		158	155	150	145	140	135	130	120	110	98	83	64
SP 230-13	22	30		172	168.5	164	158	152	146	140	130	119.5	106	88.5	69
SP 230-14	22	30		187	183	177	171	164	157.5	151	140	129	115	96.5	75
SP 230-15	22	30		200	195	189	183	176	169	163	150	138	124	103	81
SP 230-16	26	35		213.5	209	203	196	189	181.5	174	161.5	149	133.5	113	90
SP 230-17	26	35		227	222	215	208	200	193	186	172	158	143	121	96

Dimensions and Weights

Pump Type	Motor Type	A	B	C*	C**	Net Weight (kg)
SP 230-1	4"	383	RP 3" or 4" NPT 3" or 4"	146		6.9
SP 230-2	4"	496		146		9.2
SP 230-3C	4"	609		146		11.5
SP 230-3	4"	609		146		11.5
SP 230-4C	4"	722		146		13.8
SP 230-4	6"	722		149	152	13.8
SP 230-5	6"	835		149	152	16
SP 230-6	6"	948		149	152	18.3
SP 230-7	6"	1061		149	152	20.6
SP 230-8C	6"	1174		149	152	22.9
SP 230-8	6"	1174		149	152	22.9
SP 230-9	6"	1287		149	152	25.2
SP 230-10	6"	1400		149	152	27.4
SP 230-11	6"	1513		149	152	29.7
SP 230-12	6"	1626		149	152	32
SP 230-13	6"	1739		149	152	34.3
SP 230-14	6"	1852		149	152	36.6
SP 230-15	6"	1965		149	152	38.8
SP 230-16	6"	2078		149	152	41.1
SP 230-17	6"	2191		149	152	43.4



Performance Curves

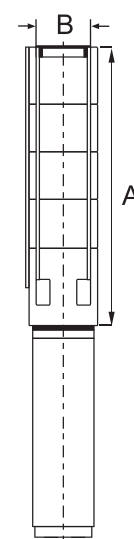


Specifications

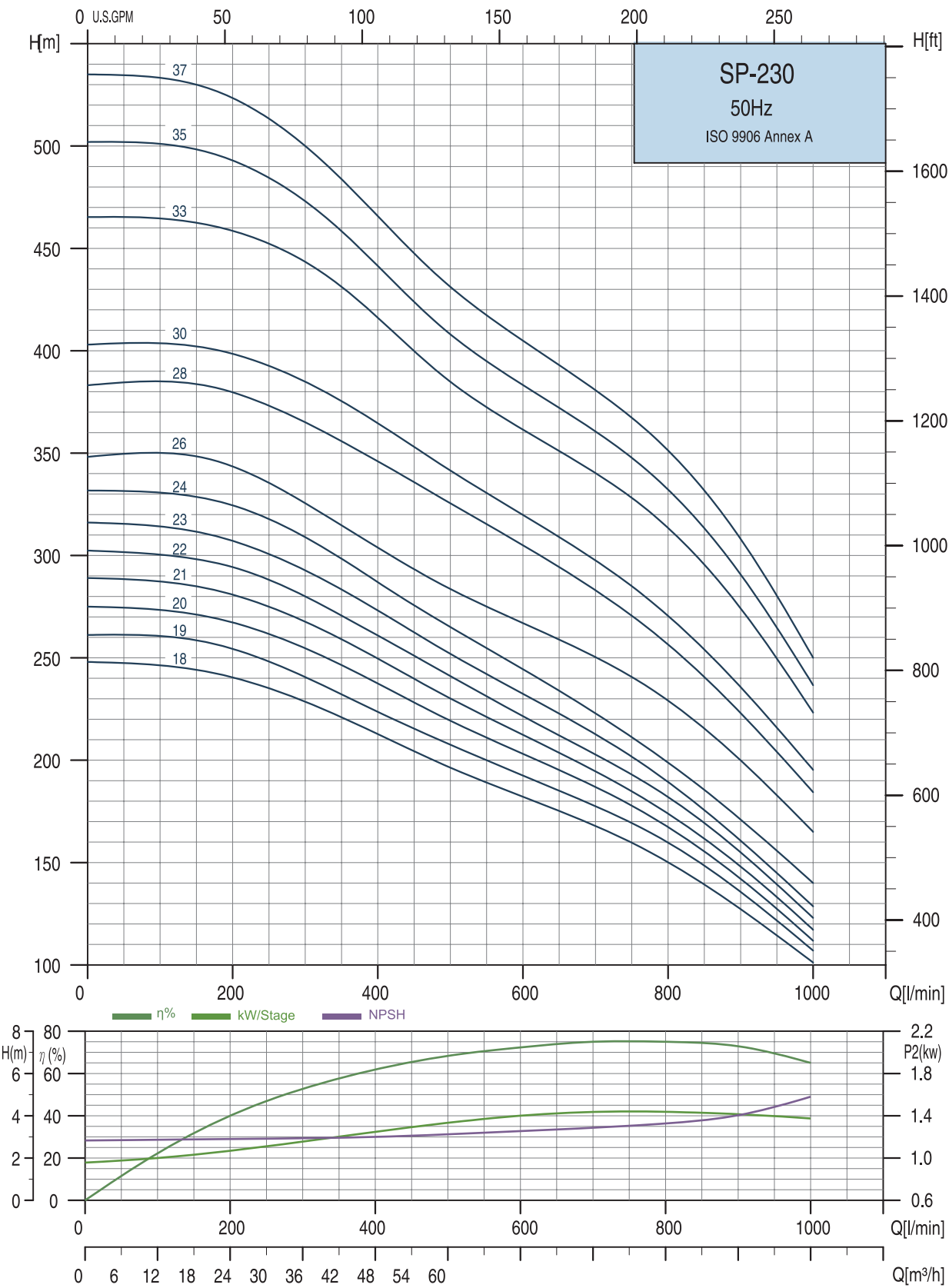
Pump Type	Motor		Q=DELIVERY												
	kW	HP	l/min	12	15	18	21	24	27	30	36	42	48	54	60
			m ³ /h	200	250	300	350	400	450	500	600	700	800	900	1000
SP 230-18	30	40	H (m)	240	235	228.5	221	212.5	204	196	182	168	150	127	101
SP 230-19	30	40		254	248	241	233	224	216	208	193	178	160	136	107
SP 230-20	30	40		267	261.5	254.5	246	237.5	228	219	203	187	167	142	111.5
SP 230-21	37	50		280	275	267.5	259	249.5	239.5	230	212	194.5	174	148	117
SP 230-22	37	50		294	288	280	270	260	251	241	222	203	183	155	123
SP 230-23	37	50		307	300.5	292.5	283	273	262	252	232	212.5	189	160.5	128.5
SP 230-24	37	50		325	317	309	298	287	276	265	244	223	199	171	140
SP 230-26	45	60		343	334.5	324	313	302	292	283	267	251	229.5	200	165
SP 230-28	45	60		379.5	373	365	356	346	336	325.5	305	283	256.5	223	184
SP 230-30	45	60		398	392.5	385	375	364.5	353	341.5	320	297.5	270.5	235.5	195
SP 230-33	55	75		458.5	452	443	431	416	400	385	361.5	340	313	274	223
SP 230-35	55	75		493	484.5	473	458.5	441	424	408	383	360.5	332	290.5	236.5
SP 230-37	63	85		523	513	500	484	466	447.5	431	405	381	351	308	250

Dimensions and Weights

Pump Type	Motor Type	A	B	C*	C**	Net Weight (kg)
SP 230-18	6"	2304	RP 3" or 4" NPT 3" or 4"	149	152	45.7
SP 230-19	6"	2417		149	152	47.9
SP 230-20	6"	2530		149	152	50.2
SP 230-21	6"	2643		149	152	52.5
SP 230-22	6"	2756		149	152	54.8
SP 230-23	6"	2869		149	152	57.1
SP 230-24	6"	2982		149	152	59.3
SP 230-26	8"	2537		192	192	130.4
SP 230-28	8"	3763		192	192	137.9
SP 230-30	8"	3989		192	192	146
SP 230-33	8"	4328		192	192	158.4
SP 230-35	8"	4554		192	192	166.2
SP 230-37	8"	4780		192	192	174



Performance Curves

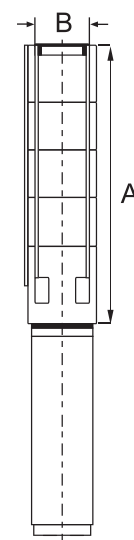


Specifications

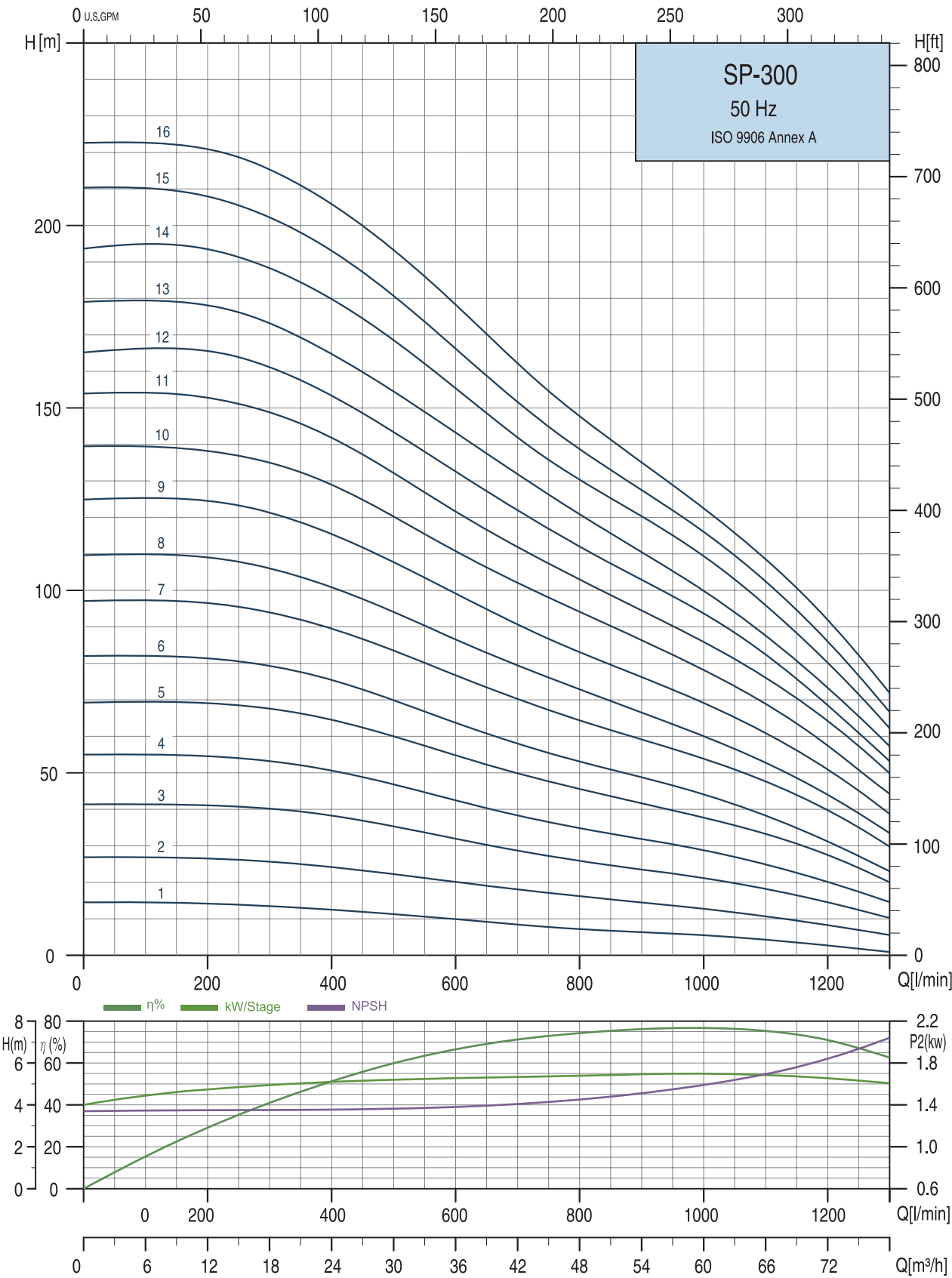
Pump Type	Motor		Q=DELIVERY													
	kW	HP	l/min	18	21	24	27	30	36	42	48	54	60	66	72	78
			m3/h	300	350	400	450	500	600	700	800	900	1000	1100	1200	1300
SP 300-1	2.2	3	H (m)	13	12.5	12	11.5	11	10	8	7	6	5	4	2	1
SP 300-2	3.7	5		26	25	24	23	22	20	18	16	14	13	11	8	5
SP 300-3	5.5	7.5		40	39	38	37	36	32	28	26	24	21	18	14	10
SP 300-4	7.5	10		53	52	51	48	47	43	38	35	32	28	25	20	14
SP 300-5	9.3	12.5		67	66	64	52	60	55	50	46	42	38	33	27	19
SP 300-6	11	15		79	78	76	73	70	64	58	53	48	44	38	32	23
SP 300-7	13	17.5		94	92	89	86	84	77	70	64	59	54	47	40	29
SP 300-8	15	20		106	104	101	97	94	87	80	73	67	60	53	44	33
SP 300-9	18.5	25		122	118	116	112	108	99	91	83	76	69	61	51	38
SP 300-10	18.5	25		135	132	128	125	120	111	102	95	87	78	68	57	45
SP 300-11	22	30		148	146	142	137	132	122	112	103	95	86	76	64	49
SP 300-12	22	30		162	157	153	148	143	133	122	112	103	94	83	68	53
SP 300-13	26	35		173	169	165	160	155	143	132	121	110	100	87	73	57
SP 300-14	26	35		188	184	180	175	168	156	142	130	120	109	96	80	63
SP 300-15	26	35		203	197	193	187	180	166	152	138	127	116	103	86	67
SP 300-16	30	40		216	211	206	200	193	178	162	148	135	123	108	92	72

Dimensions and Weights

Pump Type	Motor Type	A	B	C*	C**	Net Weight (kg)
SP 300-1	4"	383	RP 3" NPT 3" RP 4" NPT 4"	146		6.9
SP 300-2	4"	496		146		9.2
SP 300-3	4"	609		146		11.5
SP 300-4	6"	722		149	152	13.7
SP 300-5	6"	835		149	152	16.0
SP 300-6	6"	948		149	152	18.3
SP 300-7	6"	1061		149	152	20.6
SP 300-8	6"	1174		149	152	22.9
SP 300-9	6"	1287		149	152	25.1
SP 300-10	6"	1400		149	152	27.4
SP 300-11	6"	1513		149	152	29.7
SP 300-12	6"	1626		149	152	32.0
SP 300-13	6"	1739		149	152	34.3
SP 300-14	6"	1852		149	152	36.5
SP 300-15	6"	1965		149	152	38.8
SP 300-16	6"	2078		149	152	41.1



Performance Curves

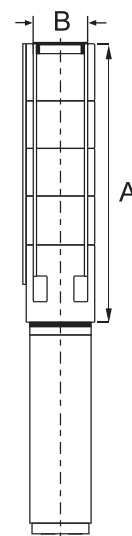


Specifications

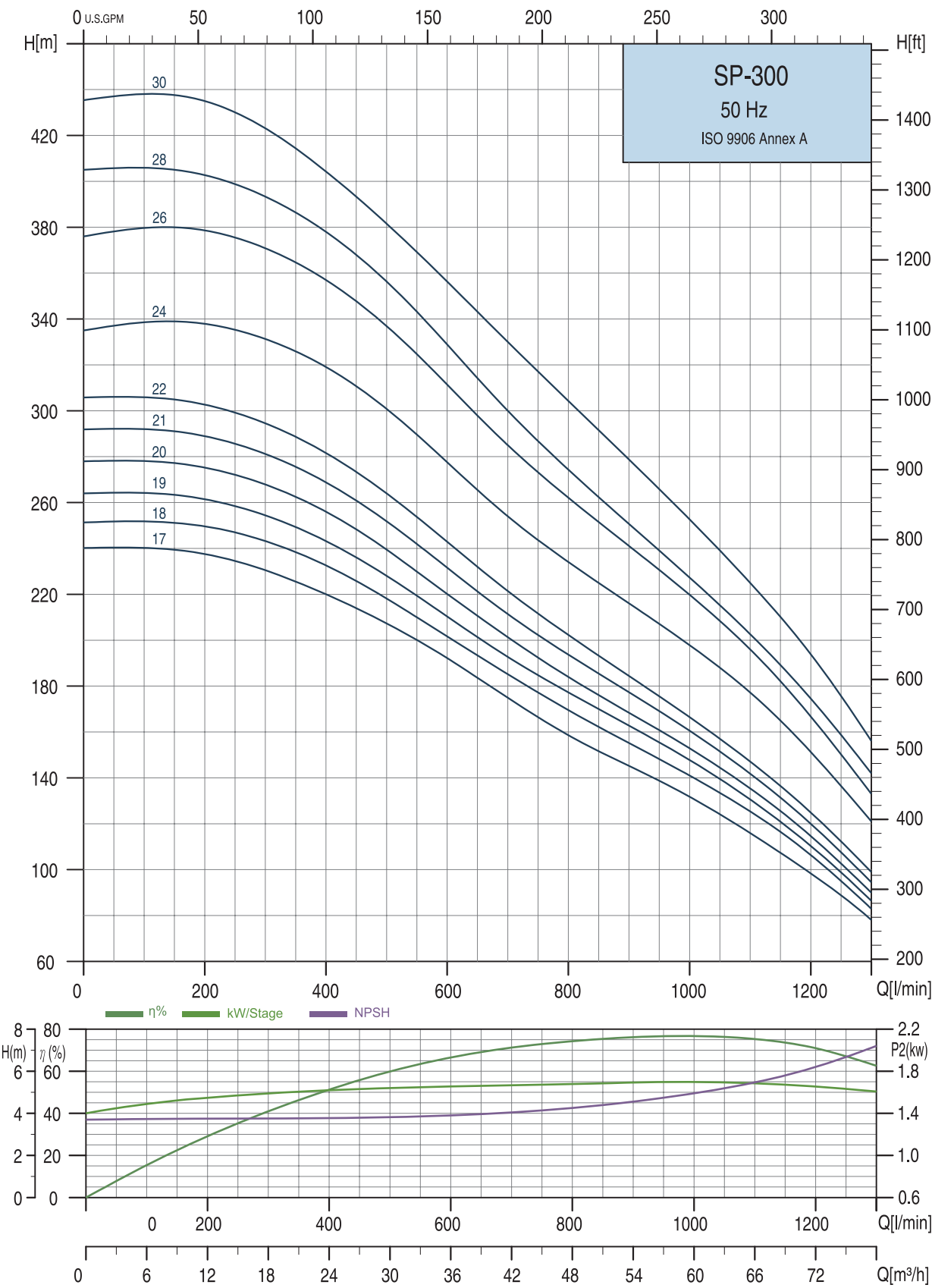
Pump Type	Motor		Q=DELIVERY													
	kW	HP	l/min	18	21	24	27	30	36	42	48	54	60	66	72	78
			m3/h	300	350	400	450	500	600	700	800	900	1000	1100	1200	1300
SP 300-17	37	50	H (m)	230	226	220	214	207	192	175	158	145	132	116	97	78
SP 300-18	37	50		243	238	233	226	218	202	185	170	155	141	126	107	83
SP 300-19	37	50		254	249	243	236	228	210	193	177	162.5	148	130.5	110	86
SP 300-20	37	50		267	263	256	248	239	220	201	184	168	153	136	115	90
SP 300-21	37	50		281	275.5	269	261	252	231.5	211	193.5	177	161	142	120	94.5
SP 300-22	37	50		294.5	288.5	281.5	273	264	243	221	202	184	166.5	147	125	99
SP 300-24	45	60		331	325.5	319	311	301	277.5	254	234	216	197.5	177	151	121
SP 300-26	55	75		371	364.5	357	348	337	311.5	285	262	241	220	196	167	133
SP 300-28	55	75		393	386	378	368	356.5	329	300	274	250.5	227	202.5	174.5	142
SP 300-30	55	75		423	414.5	404	393	381	356	330	304	279	253	225	194	156

Dimensions and Weights

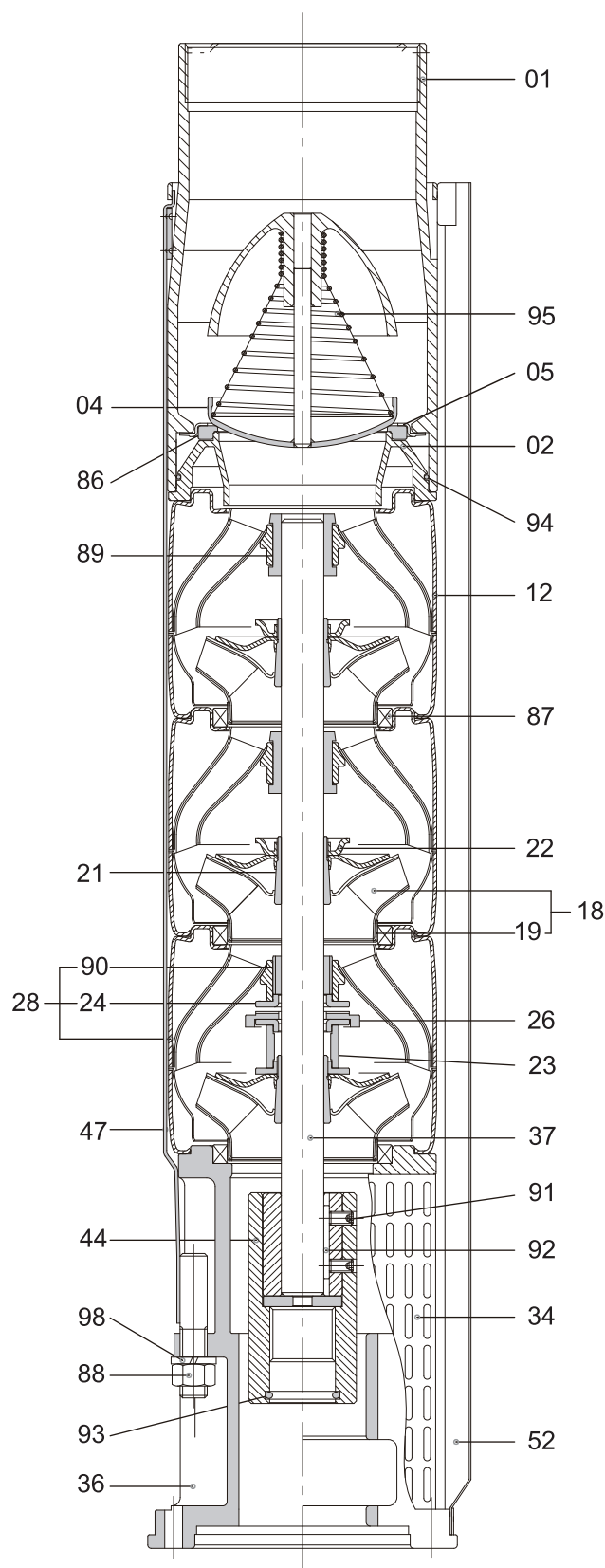
Pump Type	Motor Type	A	B	C*	C**	Net Weight (kg)
SP 300-17	6"	2191	RP 3" NPT 3" RP 4" NPT 4"	149	152	43.4
SP 300-18	6"	2304		149	152	45.7
SP 300-19	6"	2417		149	152	48.0
SP 300-20	6"	2530		149	152	50.2
SP 300-21	6"	2463		149	152	52.5
SP 300-22	8"	2784		183	183	60.2
SP 300-24	8"	3311		192	192	125.1
SP 300-26	8"	3537		192	192	132.4
SP 300-28	8"	3763		192	192	139.9
SP 300-30	8"	3989		192	192	148.0



Performance Curves



8" Materials



Pos.	Part Name	Materials
1	Discharge	SUS304 / SUS316
2	Lower Valve Seat Retainer	SUS304 / SUS316
4	Valve Cup	SUS304 / SUS316
5	Upper Valve Seat Retainer	SUS304 / SUS316
12	Diffuser	SUS304 / SUS316
18	Impeller	SUS304 / SUS316
19	Ring Of impeller	SUS304 / SUS316
21	Split Cone	SUS304 / SUS316
22	Split Cone Nut	SUS304 / SUS316
23	Nut For Stop Ring	SUS304 / SUS316
24	Stop Ring	SUS304 / SUS316
26	Spacing Washer For Stop Ring	Carbon+Graphite+PTFE
28	Bottom Diffuser	SUS304 / SUS316
34	Strainer	SUS304 / SUS316
36	Suction Interconnector	SUS304 / SUS316
37	Pump Shatt	SUS431 / SUS316
44	Coupling	SUS304 / SUS316
47	Strap	SUS304 / SUS316
52	Cable Guard	SUS304 / SUS316
86	Valve Seat	NBR / HNBR
87	Neck Ring	SUS304+NBR / HNBR
88	Nut	SUS304 / SUS316
89	Bearing	NBR / HNBR
90	Bearing	SUS304+NBR / SUS316+HNBR
91	Screw	SUS304 / SUS316
92	Key	SUS304 / SUS316
93	O-ring	NBR / HNBR
94	O-ring	NBR / HNBR
95	Spring	SUS304 / SUS316
98	Spring Washer	SUS304 / SUS316

*AISI 316 stainless steel pumps are available on request.



Model Code

	SP	400	-	08
Number of Impellers				
Rated Flow (GPM)				
Series Name				

Screen size of each hole:
20 x 4 mm



Applications

- Potable water supply
- Agricultural irrigation and livestock watering
- Municipal and industrial water supply
- Pressure boosting
- Mining applications
- Groundwater lowering
- Fountain

Pumped Liquids

- Clean, thin, non-aggressive and non-corrosive liquids without solid particles or fibers.

Operation Conditions

- Capacity (m³/h) min 12 max 120
- Total Head: Max. 450m
- Max. ambient temperature (Liquid): 40°C
- Sand content: Max. 50 g/m³

Features

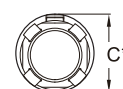
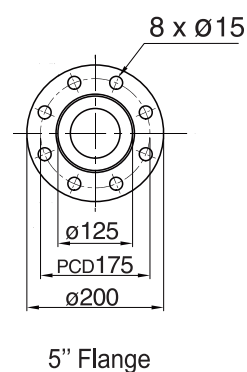
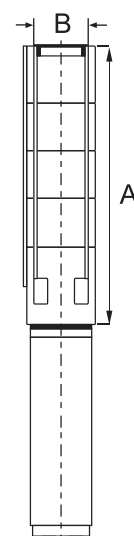
- Stainless steel construction designed and built for years of trouble free operation
- Designed and built to operate in difficult conditions.
- All metal parts are made of 304 or 316 stainless steel, except for the shafts, which are made of 431, 304 or 316 stainless steel.
- Heavy duty stainless steel discharge head with built-in check valve for preventing back flow in connection with pump stoppage and the risk of destructive water hammer is reduced to a minimum.
- Smooth safety hook.
- NEMA standard of bracket mounting.
- High quality shaft bearings provide low friction and high wear resistance.
- The stop ring prevents damage to the pump during transport and in case of up-thrust in connection with start-up. The stop ring, which is designed as a thrust bearing, limits axial movements of the pump shaft.
- Stainless steel strainer to restrict the entry of sand and other extraneous material.

Specifications

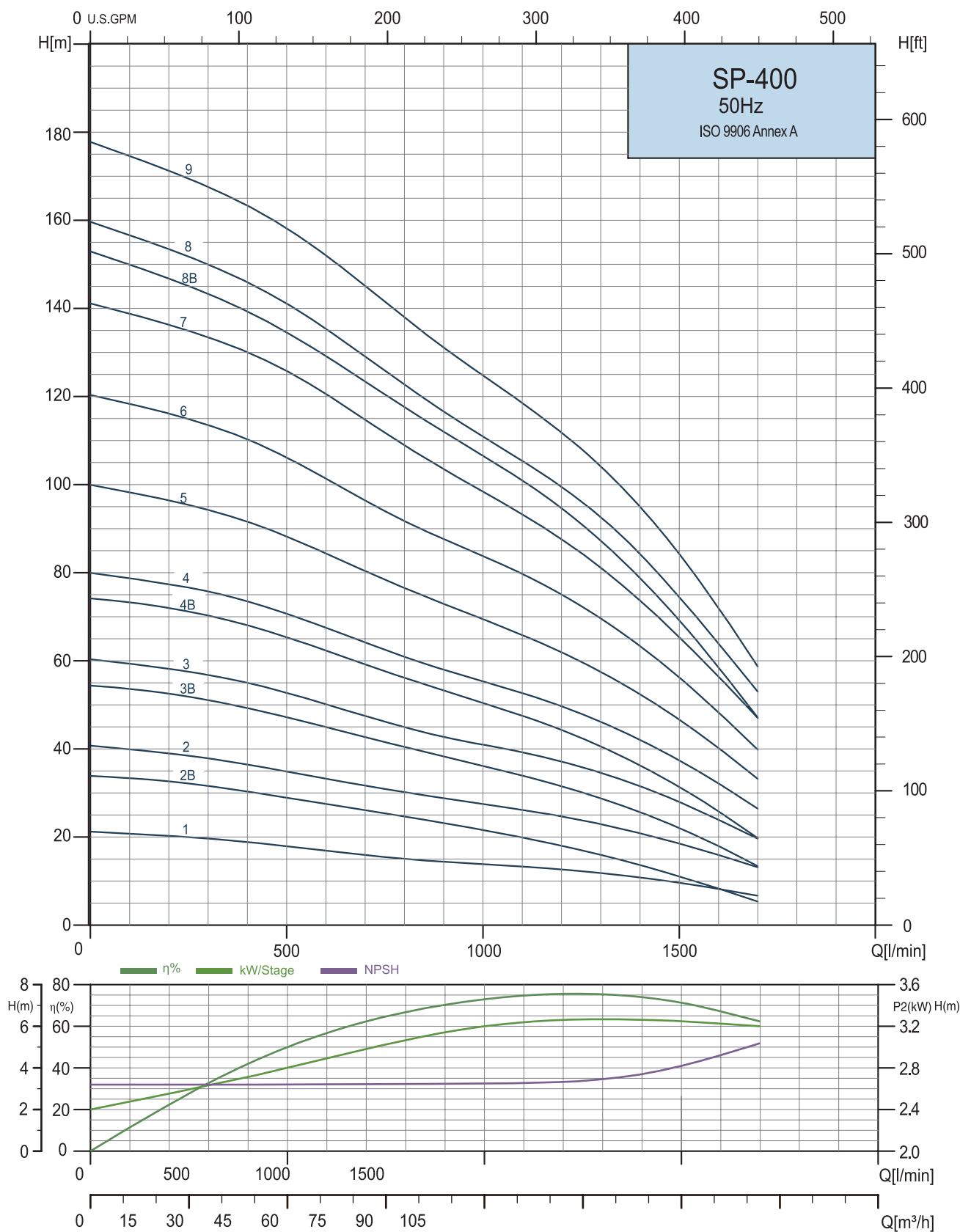
Pump Type	Motor		Q=DELIVERY													
	kW	HP	l/min m3/h	12	18	24	30	36	42	48	54	66	78	90	102	
				200	300	400	500	600	700	800	900	1100	1300	1500	1700	
SP 400-1	5.5	7.5	H (m)	20	19.5	19	18	17	16	15	14	13	12	9	7	
SP 400-2B	5.5	7.5		33	32	30	28	27	26	25	23	20	16	11	6	
SP 400-2	7.5	10		38	37	36	35	33	32	30	28	26	23	18	13	
SP 400-3B	9.3	12.5		53	51	49	47	45	43	40	38	34	28	22	13	
SP 400-3	11	15		58	57	55	53	50	47	45	43	39	35	28	20	
SP 400-4B	13	17.5		72	70	68	65	62	59	56	53	47	40	31	20	
SP 400-4	15	20		77	76	74	71	67	64	61	58	53	46	37	27	
SP 400-5	18.5	25		96	94	92	88	84	80	76	73	66	57	46	33	
SP 400-6	22	30		116	113	110	106	101	96	92	88	80	70	56	40	
SP 400-7	26	35		136	133	130	126	120	115	109	104	93	81	65	47	
SP 400-8B	26	35		147	143	139	134	129	123	117	112	101	87	69	47	
SP 400-8	30	40		153	150	146	141	135	129	123	117	105	93	75	53	
SP 400-9	30	40		171	167	163	158	152	145	138	131	118	104	84	58	

Dimensions and Weights

Pump Type	Motor Type	Dimensions (mm)								Net Weight (kg)
		A	B	C*	C**	A	B	C*	C**	
SP 400-1	6"	618	RP/NPT 5"	178	186	618	5" Flange	200	200	25.1
SP 400-2B	6"	746		178	186	746		200	200	28.7
SP 400-2	6"	746		178	186	746		200	200	28.7
SP 400-3B	6"	874		178	186	874		200	200	32.3
SP 400-3	6"	874		178	186	874		200	200	32.3
SP 400-4B	6"	1003		178	186	1003		200	200	35.9
SP 400-4	6"	1003		178	186	1003		200	200	35.9
SP 400-5	6"	1131		178	186	1131		200	200	39.5
SP 400-6	6"	1259		178	186	1259		200	200	43
SP 400-7	6"	1387		178	186	1387		200	200	46.6
SP 400-8B	6"	1515		178	186	1515		200	200	50.2
SP 400-8	6"	1515		178	186	1515		200	200	50.2
SP 400-9	6"	1644		178	186	1644		200	200	53.8



Performance Curves

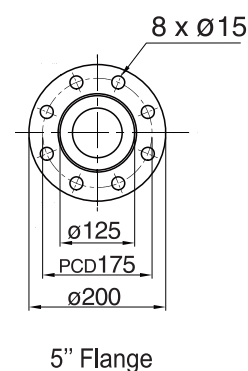
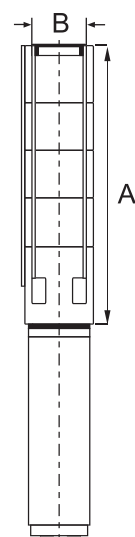


Specifications

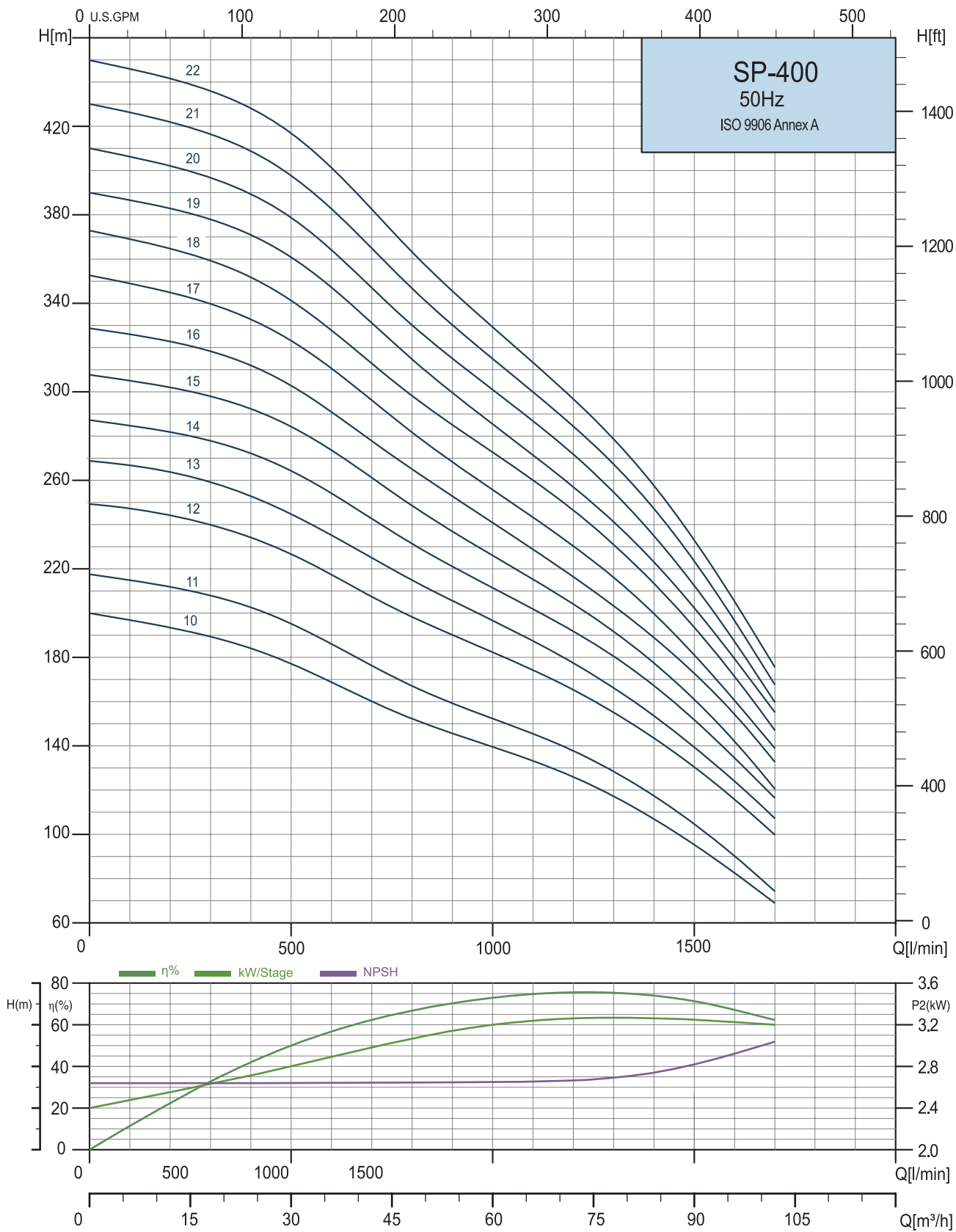
Pump Type	Motor		Q=DELIVERY													
	kW	HP	l/min m3/h	12	18	24	30	36	42	48	54	66	78	90	102	
				200	300	400	500	600	700	800	900	1100	1300	1500	1700	
SP 400-10	37	50	H (m)	193	188	183	177	168	160	152	145	132	117	94	68	
SP 400-11	37	50		211	207	202	195	186	176	167	159	145	128	104	74	
SP 400-12	45	60		244	240	234	227	217	207	198	190	173	154	130	99	
SP 400-13	55	75		263	259	252	244	235	224	214	205	187	166	139	107	
SP 400-14	55	75		282	278	272	264	254	242	231	221	201	180	151	116	
SP 400-15	55	75		302	298	292	284	273	260	248	237	215	191	160	120	
SP 400-16	63	85		322	318	312	302	290	278	265	252	228	202	172	132	
SP 400-17	63	85		345	340	333	323	310	296	281	268	243	216	181	138	
SP 400-18	63	85		365	359	352	341	328	312	298	285	260	230	193	147	
SP 400-19	75	100		383	378	371	361	347	331	314	299	271	241	202	155	
SP 400-20	75	100		402	397	389	379	364	347	330	315	287	254	212	159	
SP 400-21	75	100		422	416	409	398	383	365	347	330	300	267	223	167	
SP 400-22	93	125		442	436	428	417	401	382	363	345	313	278	233	175	

Dimensions and Weights

Pump Type	Motor Type	Dimensions(mm)								Net Weight (kg)
		A	B	C*	C**	A	B	C*	C**	
SP 400-10	6"	1772	RP/NPT 5"	178	186	1772	5" Flange	200	200	57.4
SP 400-11	6"	1900		178	186	1900		200	200	61
SP 400-12	8"	2039		200	204	2039		209	209	67
SP 400-13	8"	2168		200	204	2168		209	209	70.6
SP 400-14	8"	2296		200	204	2296		209	209	74.2
SP 400-15	8"	2424		200	204					77.8
SP 400-16	8"	2552		200	204					81.4
SP 400-17	8"	2680		200	204					85.2
SP 400-18	8"	2809		200	204					88.6
SP 400-19	8"	2937		200	204					92.2
SP 400-20	8"	3065		200	204					95.8
SP 400-21	8"	3193		200	204					99.4
SP 400-22	8"	3321		200	204					103



Performance Curves

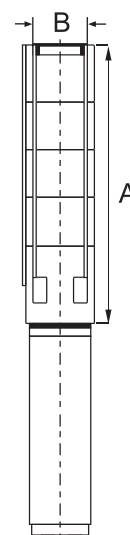


Specifications

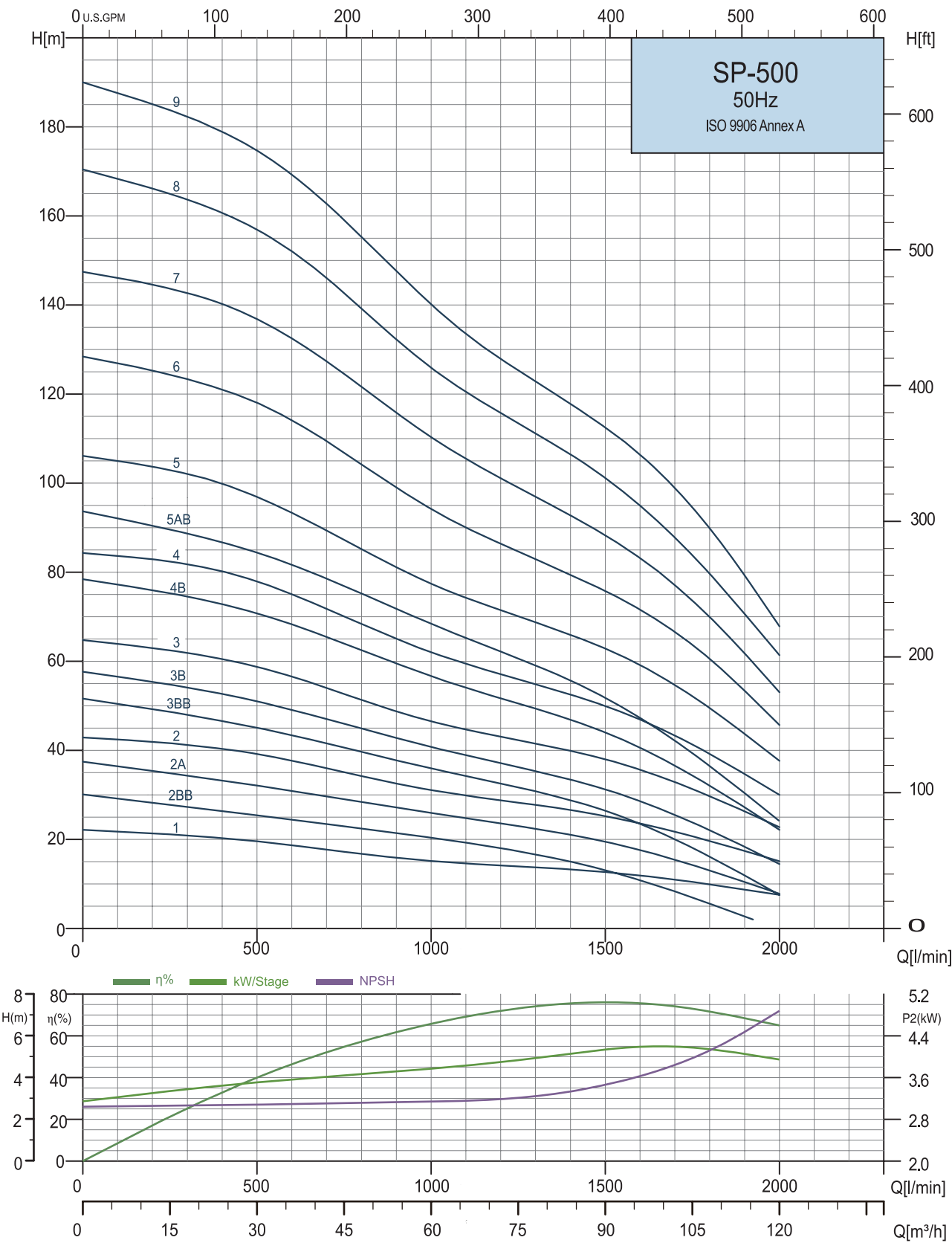
Pump Type	Motor		Q=DELIVERY												
	kW	HP	l/min m3/h	18	24	30	36	42	48	60	72	84	96	108	120
SP 500-1	5.5	7.5	H (m)	300	400	500	600	700	800	1000	1200	1400	1600	1800	2000
SP 500-2BB	5.5	7.5		21	20	19	18	17.5	17	15	14	13	12	10	8
SP 500-2A	7.5	10		27	26	25	24	23	22	20	18	15	11	5	-
SP 500-2	9.3	12.5		34	33	32	31	30	28	26	24	21	17	13	8
SP 500-3BB	9.3	12.5		41	40	39	37	36	34	31	29	26	23	20	15
SP 500-3B	11	15		48	46	45	43	41	40	36	33	28	23	16	8
SP 500-3	13	17.5		54	53	51	49	47	45	41	37	33	28	22	15
SP 500-4B	15	20		62	60	59	57	54	51	47	43	40	35	30	23
SP 500-4	18.5	25		74	73	71	68	65	62	56	52	47	40	32	22
SP 500-5AB	18.5	25		82	80	78	75	72	68	62	57	53	47	39	30
SP 500-5	22	30		89	87	84	82	78	75	68	62	55	47	36	25
SP 500-6	26	35		102	100	97	94	90	85	77	72	66	59	50	38
SP 500-7	30	40		123	121	118	114	110	104	94	86	79	72	60	46
SP 500-8	37	50		143	140	137	132	127	121	110	101	93	83	70	53
SP 500-9	37	50		164	160	157	152	146	139	126	116	106	95	80	62
				182	179	175	169	163	155	140	128	118	106	90	68

Dimensions and Weights

Pump Type	Motor Type	Dimensions(mm)								Net Weight (kg)
		A	B	C*	C**	A	B	C*	C**	
SP 500-1	6"	618	RP/NPT 5"	178	186	618	5" Flange	200	200	25.1
SP 500-2BB	6"	746		178	186	746		200	200	28.7
SP 500-2A	6"	746		178	186	746		200	200	28.7
SP 500-2	6"	746		178	186	746		200	200	28.7
SP 500-3BB	6"	874		178	186	874		200	200	32.3
SP 500-3B	6"	874		178	186	874		200	200	32.3
SP 500-3	6"	874		178	186	874		200	200	32.3
SP 500-4B	6"	1003		178	186	1003		200	200	35.9
SP 500-4	6"	1003		178	186	1003		200	200	35.9
SP 500-5AB	6"	1131		178	186	1131		200	200	39.5
SP 500-5	6"	1131		178	186	1131		200	200	39.5
SP 500-6	6"	1259		178	186	1259		200	200	43
SP 500-7	6"	1387		178	186	1387		200	200	46.6
SP 500-8	6"	1515		178	186	1515		200	200	50.2
SP 500-9	6"	1644		178	186	1644		200	200	53.8



Performance Curves

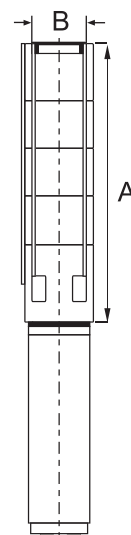


Specifications

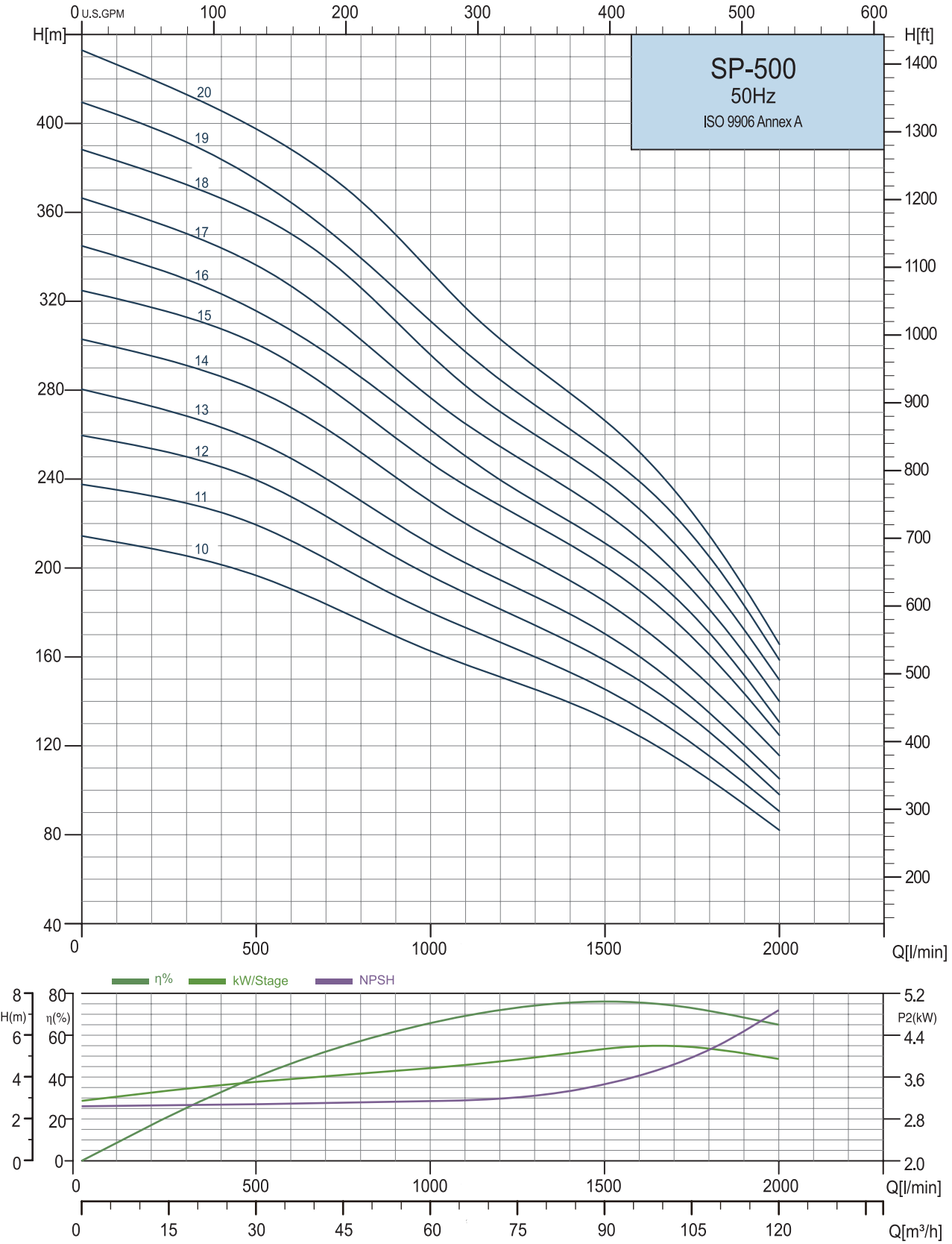
Pump Type	Motor		Q=DELIVERY												
	kW	HP	l/min m3/h	18	24	30	36	42	48	60	72	84	96	108	120
SP 500-10	45	60	H (m)	300	400	500	600	700	800	1000	1200	1400	1600	1800	2000
SP 500-11	55	75		206	201	197	190	183	177	162	150	140	124	105	82
SP 500-12	55	75		230	225	220	212	204	196	180	167	152	137	116	90
SP 500-13	55	75		250	245	240	231	222	214	197	181	167	150	126	99
SP 500-14	63	85		268	263	258	250	240	230	210	195	180	160	135	106
SP 500-15	75	100		291	286	280	271	261	251	230	210	194	174	147	116
SP 500-16	75	100		312	308	300	292	281	270	248	228	210	190	160	126
SP 500-17	75	100		330	323	316	307	297	286	262	240	221	200	171	131
SP 500-18	93	125		350	344	336	327	316	302	277	255	235	212	180	140
SP 500-19	93	125		372	366	360	350	340	326	296	270	250	227	192	150
SP 500-20	93	125		392	384	375	364	353	339	311	285	262	239	205	159
SP 500-20	93	125		412	406	397	388	378	365	333	302	279	251	214	166

Dimensions and Weights

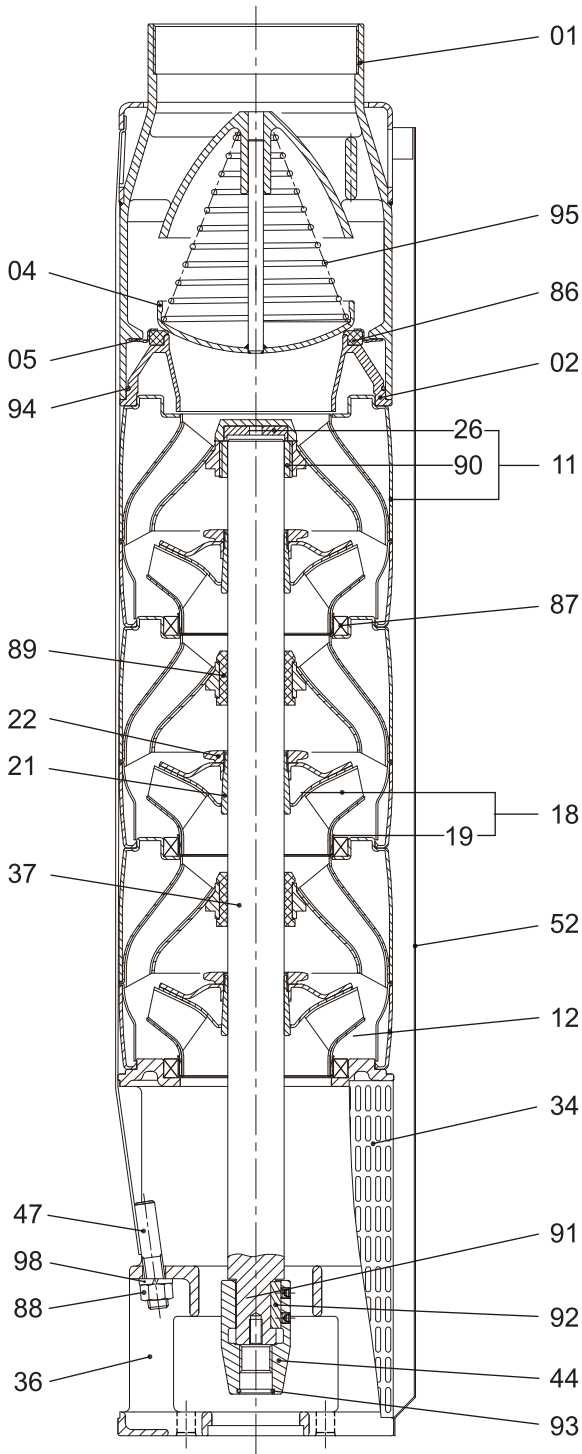
Pump Type	Motor Type	Dimensions(mm)								Net Weight (kg)
		A	B	C*	C**	A	B	C*	C**	
SP 500-10	8"	1783	RP/NPT 5"	196	204	1783	5" Flange	205	205	60.1
SP 500-11	8"	1911		196	204	1911		205	205	63.7
SP 500-12	8"	2039		196	204	2039		205	205	67.3
SP 500-13	8"	2168		196	204	2168		205	205	71
SP 500-14	8"	2296		196	204	2296		205	205	74.6
SP 500-15	8"	2424		196	204					78.2
SP 500-16	8"	2552		196	204					81.8
SP 500-17	8"	2680		196	204					85.4
SP 500-18	8"	2809		196	204					89
SP 500-19	8"	2937		196	204					92.6
SP 500-20	8"	3065		196	204					96.2



Performance Curves

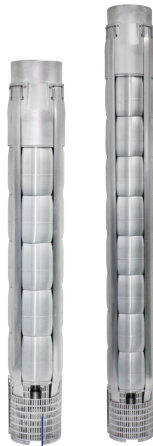


10" Materials



Pos.	Part Name	Materials
1	Discharge	SUS304 / SUS316
2	Lower Valve Seat Retainer	SUS304 / SUS316
4	Valve Cup	SUS304 / SUS316
5	Upper Valve Seat Retainer	SUS304 / SUS316
11	Upper Diffuser	SUS304 / SUS316
+26	Spacing Washer For Stop Ring	Carbon Fiber+MoS2+PTFE
+90	Upper Bearing	SUS304+NBRGO / SUS316+HNBR
12	Diffuser	SUS304 / SUS316
18	Impeller	SUS304 / SUS316
18	Impeller-A	SUS304 / SUS316
+19	Ring Of Impeller	SUS304 / SUS316
21	Split Cone	SUS304 / SUS316
22	Split Cone Nut	SUS304 / SUS316
34	Strainer-one lead	SUS304 / SUS316
34	Strainer-two leads	SUS304 / SUS316
36	Suction Interconnector-6"	SUS304 / SUS316
36	Suction Interconnector-8"	SUS304 / SUS316
37	Shaft	SUS431 / SUS316
44	Coupling-6"	SUS304 / SUS316
44	Coupling-8"	SUS304 / SUS316
47	Strap	SUS304 / SUS316
52	Cable Guard	SUS304 / SUS316
86	Valve Seat	NBR70 / HNBR70
87	Neck Ring	PPS+NBR / HNBR
88	Nut	SUS304 / SUS316
89	Bearing	NBR70 / HNBR70
91	Screw-6"	SUS304 / SUS316
91	Screw-8"	SUS304 / SUS316
92	Key-6"	SUS304 / SUS316
92	Key-8"	SUS304 / SUS316
93	O-ring-6"	NBR70/HNBR70
93	O-ring-8"	NBR70 / HNBR70
94	O-ring	NBR70 / HNBR70
95	Spring	SUS304 / SUS316
98	Spring Washer	SUS304 / SUS316

*AISI 316 stainless steel pumps are available on request.



Model Code

	SP	650	-	08
Number of Impellers				
Rated Flow (GPM)				
Series Name				

Screen size of each hole:
20 x 4 mm



Applications

- Potable water supply
- Agricultural irrigation and livestock watering
- Municipal and industrial water supply
- Pressure boosting
- Mining applications
- Groundwater lowering
- Fountain

Pumped Liquids

- Clean, thin, non-aggressive and non-corrosive liquids without solid particles or fibers.

Operation Conditions

- Capacity (m³/h) min 16 max 280
- Total Head: Max. 502m
- Max. ambient temperature (Liquid): 40°C
- Sand content: Max. 50 g/m³

Features

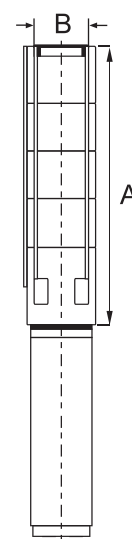
- Stainless steel construction designed and built for years of trouble free operation
- Designed and built to operate in difficult conditions.
- All metal parts are made of 304 or 316 stainless steel, except for the shafts, which are made of 431, 304 or 316 stainless steel.
- Heavy duty stainless steel discharge head with built-in check valve for preventing back flow in connection with pump stoppage and the risk of destructive water hammer is reduced to a minimum.
- Smooth safety hook.
- NEMA standard of bracket mounting.
- High quality shaft bearings provide low friction and high wear resistance.
- The stop ring prevents damage to the pump during transport and in case of up-thrust in connection with start-up. The stop ring, which is designed as a thrust bearing, limits axial movements of the pump shaft.
- Stainless steel strainer to restrict the entry of sand and other extraneous material.

Specifications

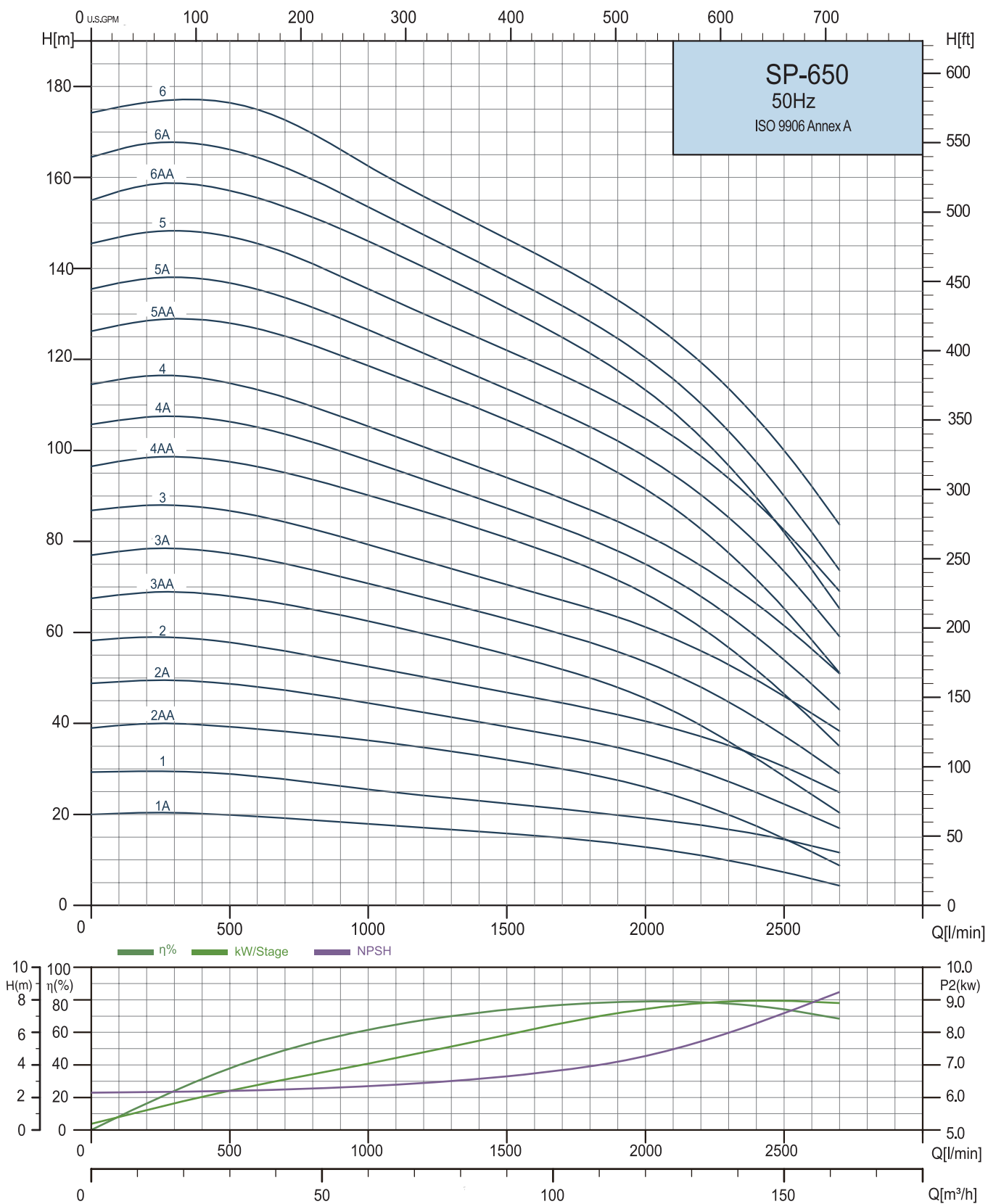
Pump Type	Motor		Q=DELIVERY													
	kW	HP	I/min	30	42	54	66	78	90	102	114	126	138	150	162	
			m3/h	500	700	900	1100	1300	1500	1700	1900	2100	2300	2500	2700	
SP 650-1-A	7.5	10	H (m)	20	19	18	18	17	16	15	14	12	10	7	4	
SP 650-1	11	15		29	28	26	25	24	22	22	20	18	17	15	12	
SP 650-2-AA	13	17.5		39	38	37	36	34	32	30	28	24	20	15	9	
SP 650-2-A	18.5	25		49	48	46	44	41	39	38	35	32	28	22	17	
SP 650-2	22	30		58	56	54	52	49	47	44	42	39	35	31	25	
SP 650-3-AA	22	30		68	66	64	61	58	55	52	48	43	36	29	20	
SP 650-3-A	26	35		77	75	73	69	66	63	60	56	51	45	37	29	
SP 650-3	30	40		87	89	81	78	74	71	68	63	58	53	46	39	
SP 650-4-AA	37	50		98	95	92	88	85	81	77	72	65	67	47	35	
SP 650-4-A	37	50		106	104	100	96	92	87	83	78	72	64	54	43	
SP 650-4	37	50		115	112	108	103	98	94	89	84	78	71	62	51	
SP 650-5-AA	45	60		128	125	121	116	112	107	101	95	87	78	65	51	
SP 650-5-A	45	60		137	133	129	124	119	114	108	102	95	85	73	59	
SP 650-5	55	75		147	144	138	133	128	122	117	111	103	94	83	69	
SP 650-6-AA	55	75		157	154	149	143	138	131	125	118	108	97	82	65	
SP 650-6-A	55	75		166	162	156	151	144	138	132	125	116	104	90	74	
SP 650-6	63	85		176	173	166	159	153	147	140	133	124	114	100	84	

Dimensions and Weights

Pump Type	Motor Type	Dimensions(mm)				Net Weight (kg)
		A	B	C*	C**	
SP 650-1-A	6"	652	RP/NPT 6"	211	218	29.2
SP 650-1	6"	652		211	218	29.26
SP 650-2-AA	6"	807		211	218	35.64
SP 650-2-A	6"	807		211	218	35.7
SP 650-2	6"	807		211	218	35.76
SP 650-3-AA	6"	963		211	218	42.14
SP 650-3-A	6"	963		211	218	42.2
SP 650-3	6"	963		211	218	42.26
SP 650-3	8"	963		213	218	47.06
SP 650-4-AA	6"	1118		211	218	48.64
SP 650-4-AA	8"	1118		213	218	51.94
SP 650-4-A	6"	1118		211	218	48.7
SP 650-4-A	8"	1118		213	218	52
SP 650-4	6"	1118		211	218	48.76
SP 650-4	8"	1118		213	218	52.06
SP 650-5-AA	6"	1274		211	218	55.14
SP 650-5-AA	8"	1274		213	218	56.94
SP 650-5-A	6"	1274		211	218	55.2
SP 650-5-A	8"	1274		213	218	57
SP 650-5	8"	1274		213	218	57.06
SP 650-6-AA	8"	1429		213	218	61.9
SP 650-6-A	8"	1429		213	218	62
SP 650-6	8"	1429		213	218	61.9



Performance Curves

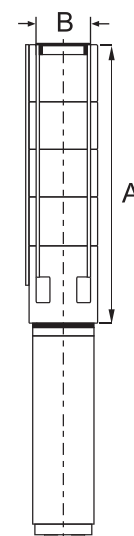


Specifications

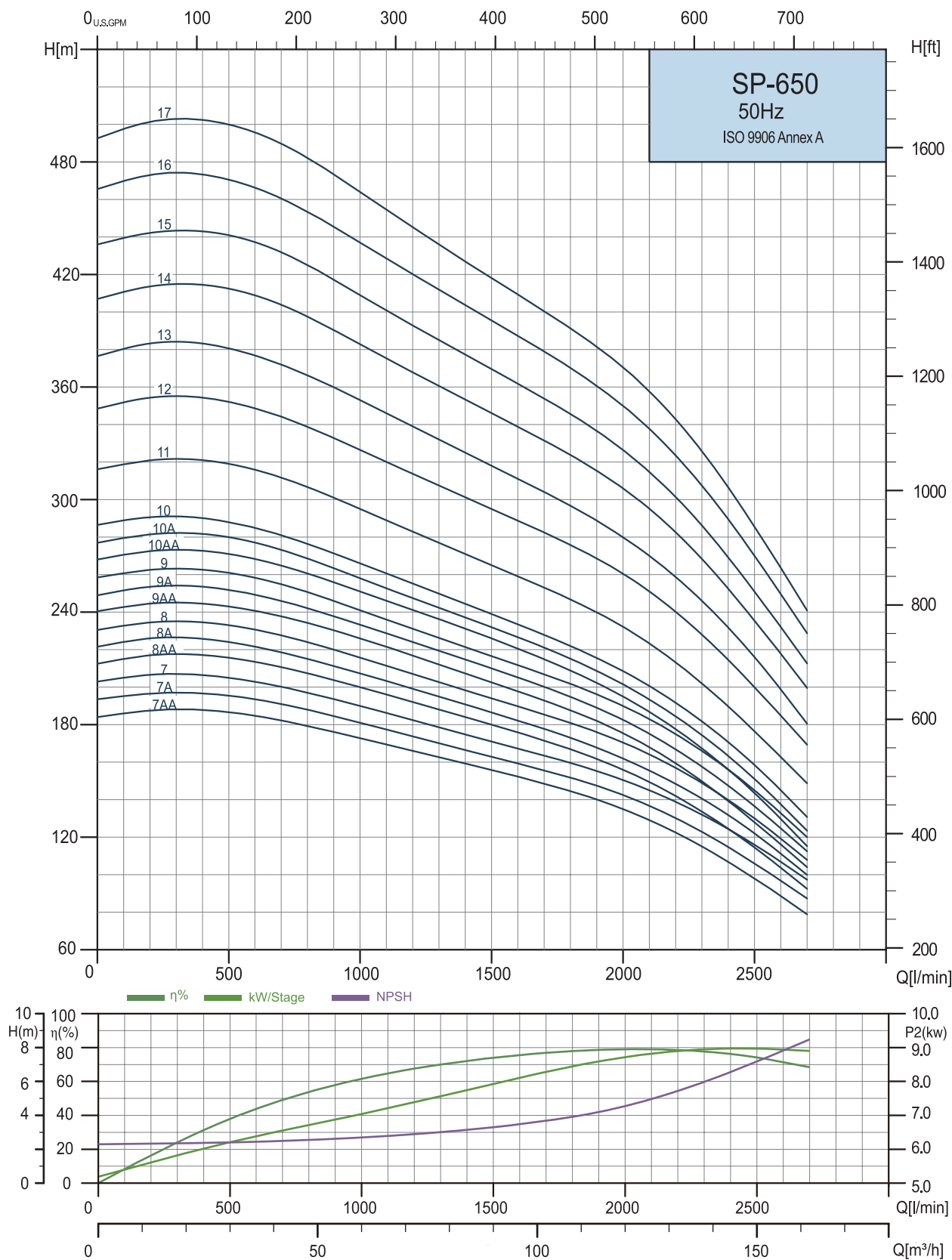
Pump Type	Motor		l/min m3/h	Q=DELIVERY											
	kW	HP		30 500	42 700	54 900	66 1100	78 1300	90 1500	102 1700	114 1900	126 2100	138 2300	150 2500	162 2700
SP 650-7-AA	63	85	H (m)	187	183	176	170	163	156	148	140	129	115	98	79
SP 650-7-A	63	85		196	191	185	178	170	163	155	148	137	123	106	83
SP 650-7	75	100		205	200	194	186	178	171	164	155	145	132	116	98
SP 650-8-AA	75	100		216	211	204	196	188	180	172	162	149	134	115	93
SP 650-8-A	75	100		224	218	212	204	195	187	178	168	156	141	122	100
SP 650-8	75	100		233	227	220	212	203	194	186	176	165	149	130	108
SP 650-9-AA	93	125		243	238	230	221	212	203	193	182	168	150	128	104
SP 650-9-A	93	125		252	245	237	228	219	210	200	189	175	158	137	113
SP 650-9	93	125		261	255	246	236	226	217	207	196	183	166	145	120
SP 650-10-AA	93	125		271	265	256	246	236	226	215	203	186	167	144	115
SP 650-10-A	93	125		280	273	264	253	243	232	221	209	193	175	151	123
SP 650-10	93	125		288	281	271	261	250	239	227	215	201	182	159	131
SP 650-11	110	150		319	312	301	289	277	265	254	240	223	202	177	149
SP 650-12	132	175		352	345	333	320	308	295	283	269	251	228	200	169
SP 650-13	132	175		381	372	360	346	332	318	304	289	270	246	216	180
SP 650-14	147	200		413	404	390	375	361	346	332	316	295	269	236	200
SP 650-15	147	200		441	431	417	401	385	370	354	336	315	286	251	213
SP 650-16	170	230		471	460	445	428	412	396	379	361	338	308	270	229
SP 650-15	147	200		500	490	473	455	436	418	406	382	358	325	286	241

Dimensions and Weights

Pump Type	Motor Type	Dimensions(mm)				Net Weight (kg)
		A	B	C*	C**	
SP 650-7-AA	8"	1585	RP/NPT 6"	218	227	66.9
SP 650-7-A	8"	1585		218	227	67
SP 650-7	8"	1585		218	227	67.06
SP 650-8-AA	8"	1740		218	227	71.94
SP 650-8-A	8"	1740		218	227	72
SP 650-8	8"	1740		218	227	72.06
SP 650-9-AA	8"	1896		218	227	76.94
SP 650-9-A	8"	1896		218	227	77
SP 650-9	8"	1896		218	227	77.06
SP 650-10-AA	8"	2051		218	227	81.94
SP 650-10-A	8"	2051		218	227	82
SP 650-10	8"	2051		218	227	82.06
SP 650-11	8"	2207		218	227	87.06
SP 650-12	10"	2492		227	247	109.5
SP 650-13	10"	2648		227	247	116
SP 650-14	10"	2803		227	247	122.5
SP 650-15	10"	2959		227	247	129
SP 650-16	10"	3114		227	247	135.5
SP 650-17	10"	3270		227	247	142



Performance Curves

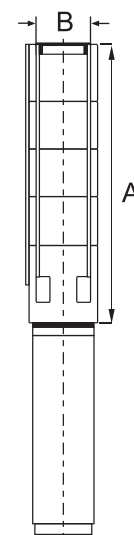


Specifications

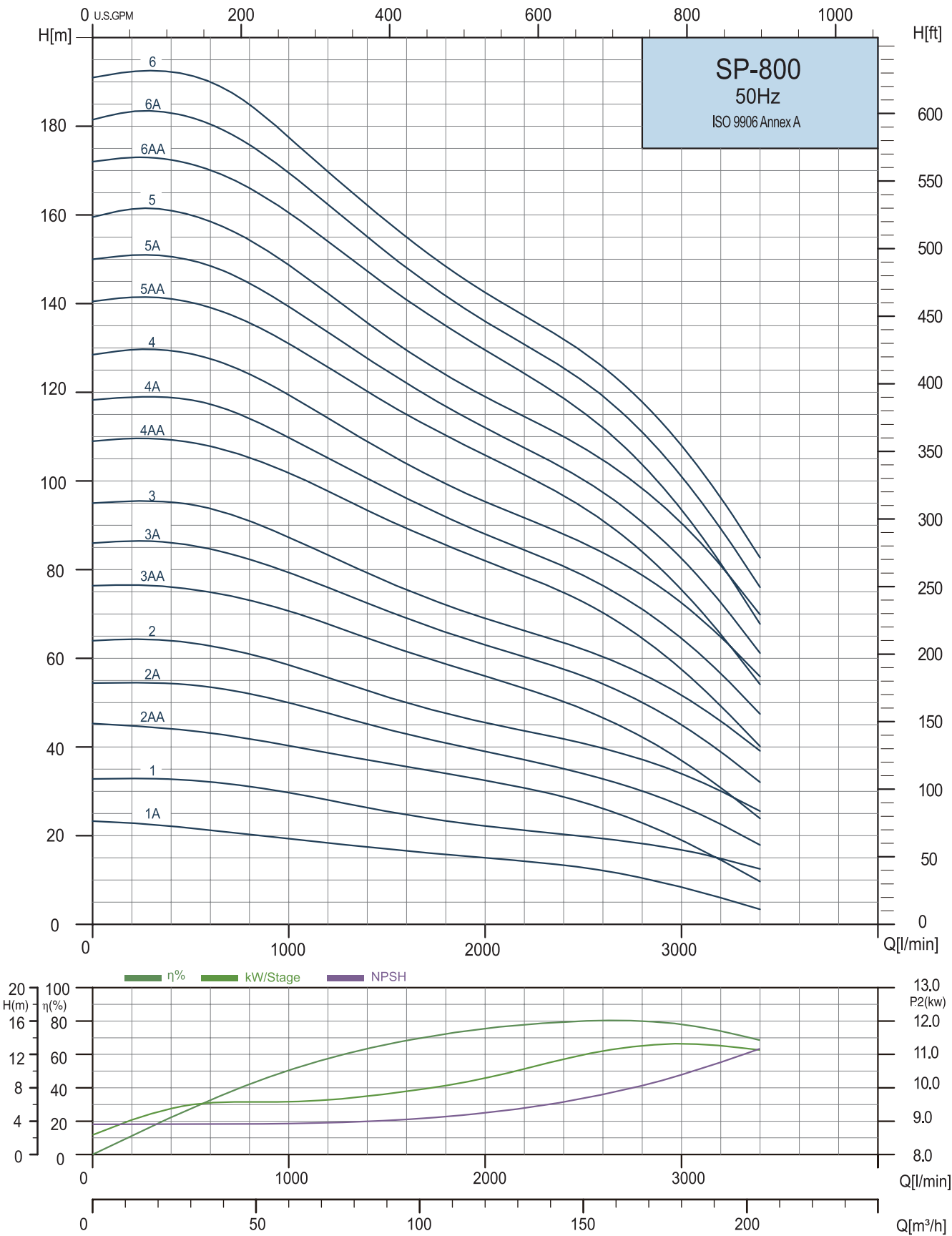
Pump Type	Motor		Q=DELIVERY										
	kW	HP	I/min	36	54	72	90	108	126	144	162	180	198
			m3/h	600	900	1200	1500	1800	2100	2400	2700	3000	3300
SP 800-1-A	9.3	12.5	H (m)	21	20	18	17	16	15	13	12	8	5
SP 800-1	13	17.5		32	31	28	25	24	22	20	19	17	14
SP 800-2-AA	18.5	25		43	41	39	36	34	32	29	25	19	12
SP 800-2-A	22	30		53	51	48	44	41	38	35	32	27	20
SP 800-2	26	35		63	60	56	51	48	45	42	38	34	28
SP 800-3-AA	30	40		75	72	68	63	59	55	50	45	37	28
SP 800-3-A	37	50		85	81	76	71	66	62	58	52	45	36
SP 800-3	37	50		94	89	83	78	72	68	64	59	52	43
SP 800-4-AA	45	60		108	104	98	91	85	80	75	68	57	45
SP 800-4-A	45	60		117	112	105	98	92	86	81	74	65	52
SP 800-4	55	75		128	122	114	106	99	94	88	81	73	61
SP 800-5-AA	55	75		139	134	126	118	110	104	97	88	75	60
SP 800-5-A	55	75		148	142	134	125	117	110	103	94	82	67
SP 800-5	63	85		158	152	142	132	124	117	110	102	90	76
SP 800-6-AA	63	85		170	163	154	144	135	127	119	108	93	75
SP 800-6-A	75	100		180	173	162	152	142	133	125	115	101	83
SP 800-6	75	100		190	182	170	158	148	140	132	122	108	90

Dimensions and Weights

Pump Type	Motor Type	Dimensions(mm)				Net Weight (kg)
		A	B	C*	C**	
SP 800-1-A	6"	652	RP/NPT 6"	211	218	30.40
SP 800-1	6"	652		211	218	30.40
SP 800-2-AA	6"	807		211	218	36.74
SP 800-2-A	6"	807		211	218	36.82
SP 800-2	6"	807		211	218	36.82
SP 800-3-AA	6"	963		211	218	43.16
SP 800-3-A	6"	963		211	218	43.24
SP 800-3	6"	963		211	218	43.24
SP 800-4-AA	8"	1118		218	227	50.90
SP 800-4-A	8"	1118		218	227	50.98
SP 800-4	8"	1118		218	227	50.98
SP 800-5-AA	8"	1274		218	227	57.32
SP 800-5-A	8"	1274		218	227	57.40
SP 800-5	8"	1274		218	227	57.40
SP 800-6-AA	8"	1429		218	227	63.74
SP 800-6-A	8"	1429		218	227	63.82
SP 800-6	8"	1429		218	227	63.82



Performance Curves

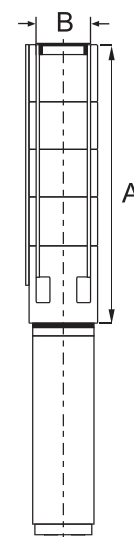


Specifications

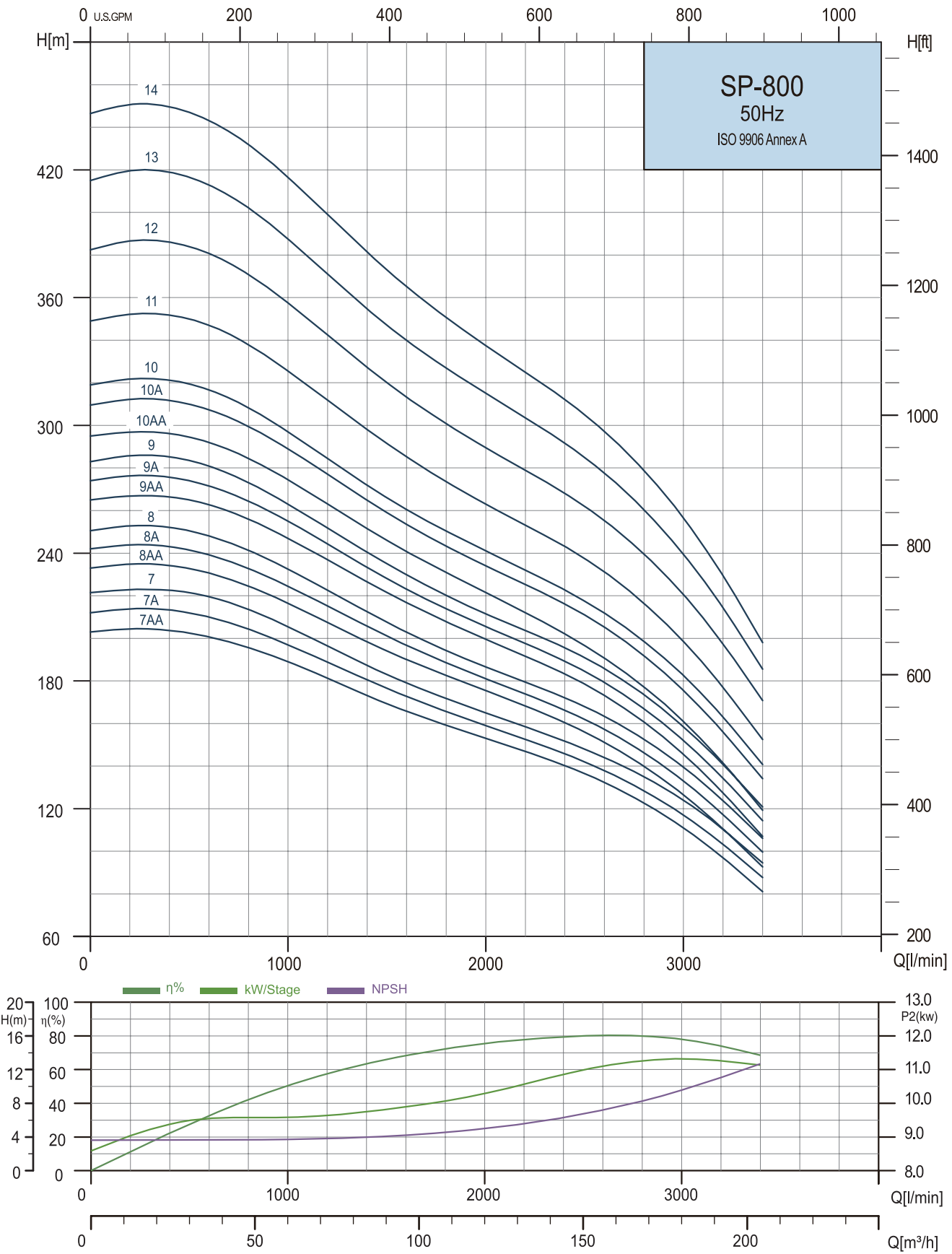
Pump Type	Motor		Q=DELIVERY										
	kW	HP	I/min	36	54	72	90	108	126	144	162	180	198
			m3/h	600	900	1200	1500	1800	2100	2400	2700	3000	3300
SP 800-7-AA	75	100	H (m)	200	193	181	169	159	150	140	128	111	89
SP 800-7-A	93	125		210	201	188	177	166	156	146	134	117	96
SP 800-7	93	125		220	210	196	183	172	162	152	140	124	102
SP 800-8-AA	93	125		230	220	208	194	183	172	160	146	126	102
SP 800-8-A	93	125		239	229	215	201	189	177	167	152	133	108
SP 800-8	93	125		248	237	222	208	194	183	172	158	140	115
SP 800-9-AA	110	150		263	252	237	222	208	196	183	167	146	117
SP 800-9-A	110	150		272	260	244	228	214	202	189	174	152	124
SP 800-9	110	150		281	268	252	235	220	207	196	180	159	131
SP 800-10-AA	110	150		292	280	263	246	231	217	202	184	161	131
SP 800-10-A	132	175		307	295	277	259	244	230	216	199	176	145
SP 800-10	132	175		317	303	284	266	250	236	223	205	182	152
SP 800-11	132	175		347	332	312	292	274	258	243	224	199	165
SP 800-12	147	200		380	365	342	320	301	285	268	248	221	184
SP 800-13	170	230		413	395	371	347	327	309	292	269	240	200
SP 800-14	170	230		443	425	399	373	350	332	312	288	257	213

Dimensions and Weights

Pump Type	Motor Type	Dimensions(mm)				Net Weight (kg)
		A	B	C*	C**	
SP 800-1-A	6"	652	RP/NPT 6"	211	218	30.40
SP 800-1	6"	652		211	218	30.40
SP 800-2-AA	6"	807		211	218	36.74
SP 800-2-A	6"	807		211	218	36.82
SP 800-2	6"	807		211	218	36.82
SP 800-3-AA	6"	963		211	218	43.16
SP 800-3-A	6"	963		211	218	43.24
SP 800-3	6"	963		211	218	43.24
SP 800-4-AA	8"	1118		218	227	50.90
SP 800-4-A	8"	1118		218	227	50.98
SP 800-4	8"	1118		218	227	50.98
SP 800-5-AA	8"	1274		218	227	57.32
SP 800-5-A	8"	1274		218	227	57.40
SP 800-5	8"	1274		218	227	57.40
SP 800-6-AA	8"	1429		218	227	63.74
SP 800-6-A	8"	1429		218	227	63.82
SP 800-6	8"	1429		218	227	63.82



Performance Curves

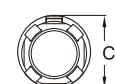
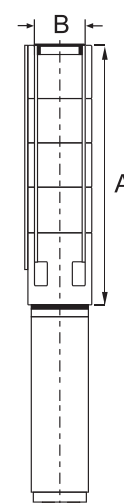


Specifications

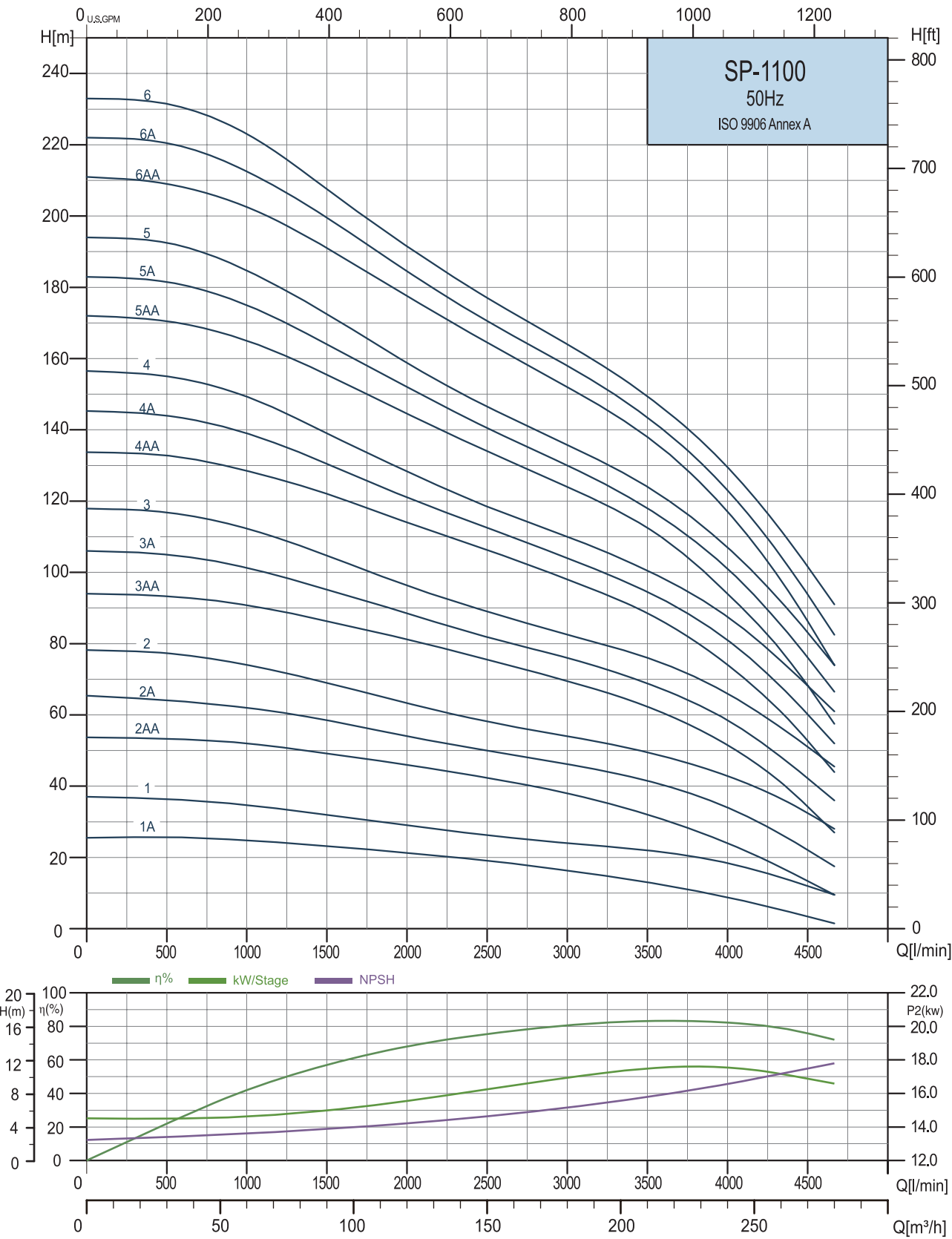
Pump Type	Motor		Q=DELIVERY											
	kW	HP	l/min	30	45	60	75	90	120	150	180	210	240	270
			m ³ /h	500	750	1000	1250	1500	2000	2500	3000	3500	4000	4500
SP 1100-1-A	15	20	H (m)	26	25.5	25	24	23	21	19	16	13	9	4
SP 1100-1	18.5	25		36.5	36	35	33	32	29	26	24	22	18	12
SP 1100-2-AA	30	40		53	52.5	52	50	49	46	42	38	32	24	14
SP 1100-2-A	37	50		64	63	62	60	58	54	50	46	41	34	22
SP 1100-2	45	60		77	76	74	71	69	63	58	54	49	42	32
SP 1100-3-AA	55	75		93	92	90	88	86	81	75	69	62	51	34
SP 1100-3-A	55	75		105	103	101	98	95	88	82	76	69	58	42
SP 1100-3	63	85		117	115	112	108	104	96	89	82	76	66	51
SP 1100-4-AA	75	100		133	131	128	125	122	114	106	98	88	74	53
SP 1100-4-A	75	100		144	142	139	135	130	121	112	104	94	81	60
SP 1100-4	75	100		155	152	149	144	139	128	118	110	100	87	68
SP 1100-5-AA	93	125		170	168	165	160	155	144	134	124	112	94	68
SP 1100-5-A	93	125		181	179	175	170	164	152	140	130	118	101	76
SP 1100-5	93	125		192	189	184	179	172	159	146	135	124	107	83
SP 1100-6-AA	110	150		209	206	202	197	191	178	164	152	138	117	86
SP 1100-6-A	110	150		220	217	212	206	199	184	170	158	143	123	93
SP 1100-6	110	150		231	228	223	216	207	191	177	164	149	129	101

Dimensions and Weights

Pump Type	Motor Type	Dimensions(mm)				Net Weight (kg)
		A	B	C*	C**	
SP 800-1-A	6"	652	RP/NPT 6"	211	218	30.40
SP 800-1	6"	652		211	218	30.40
SP 800-2-AA	6"	807		211	218	36.74
SP 800-2-A	6"	807		211	218	36.82
SP 800-2	6"	807		211	218	36.82
SP 800-3-AA	6"	963		211	218	43.16
SP 800-3-A	6"	963		211	218	43.24
SP 800-3	6"	963		211	218	43.24
SP 800-4-AA	8"	1118		218	227	50.90
SP 800-4-A	8"	1118		218	227	50.98
SP 800-4	8"	1118		218	227	50.98
SP 800-5-AA	8"	1274		218	227	57.32
SP 800-5-A	8"	1274		218	227	57.40
SP 800-5	8"	1274		218	227	57.40
SP 800-6-AA	8"	1429		218	227	63.74
SP 800-6-A	8"	1429		218	227	63.82
SP 800-6	8"	1429		218	227	63.82



Performance Curves



Specifications

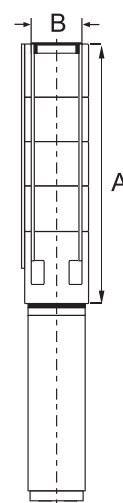
Pump Type	Motor		Q=DELIVERY											
	kW	HP	l/min	30	45	60	75	90	120	150	180	210	240	270
			m ³ /h	500	750	1000	1250	1500	2000	2500	3000	3500	4000	4500
SP 1100-7-AA	132	175	H (m)	251	248	243	236	229	213	198	184	167	143	108
SP 1100-7-A	132	175		262	259	253	246	238	220	204	189	173	149	116
SP 1100-7	132	175		274	270	264	255	246	227	210	196	180	156	124
SP 1100-8-AA	147	200		292	288	282	274	266	247	230	213	195	168	128
SP 1100-8-A	147	200		303	299	293	284	275	255	236	219	201	174	136
SP 1100-8	147	200		315	310	303	294	284	262	243	225	207	181	144
SP 1100-9-AA	170	230		331	327	320	312	302	281	260	242	221	191	146
SP 1100-9-A	170	230		343	338	331	321	311	288	267	248	227	197	155
SP 1100-9	170	230		354	349	341	331	319	295	273	254	233	204	162

Dimensions and Weights

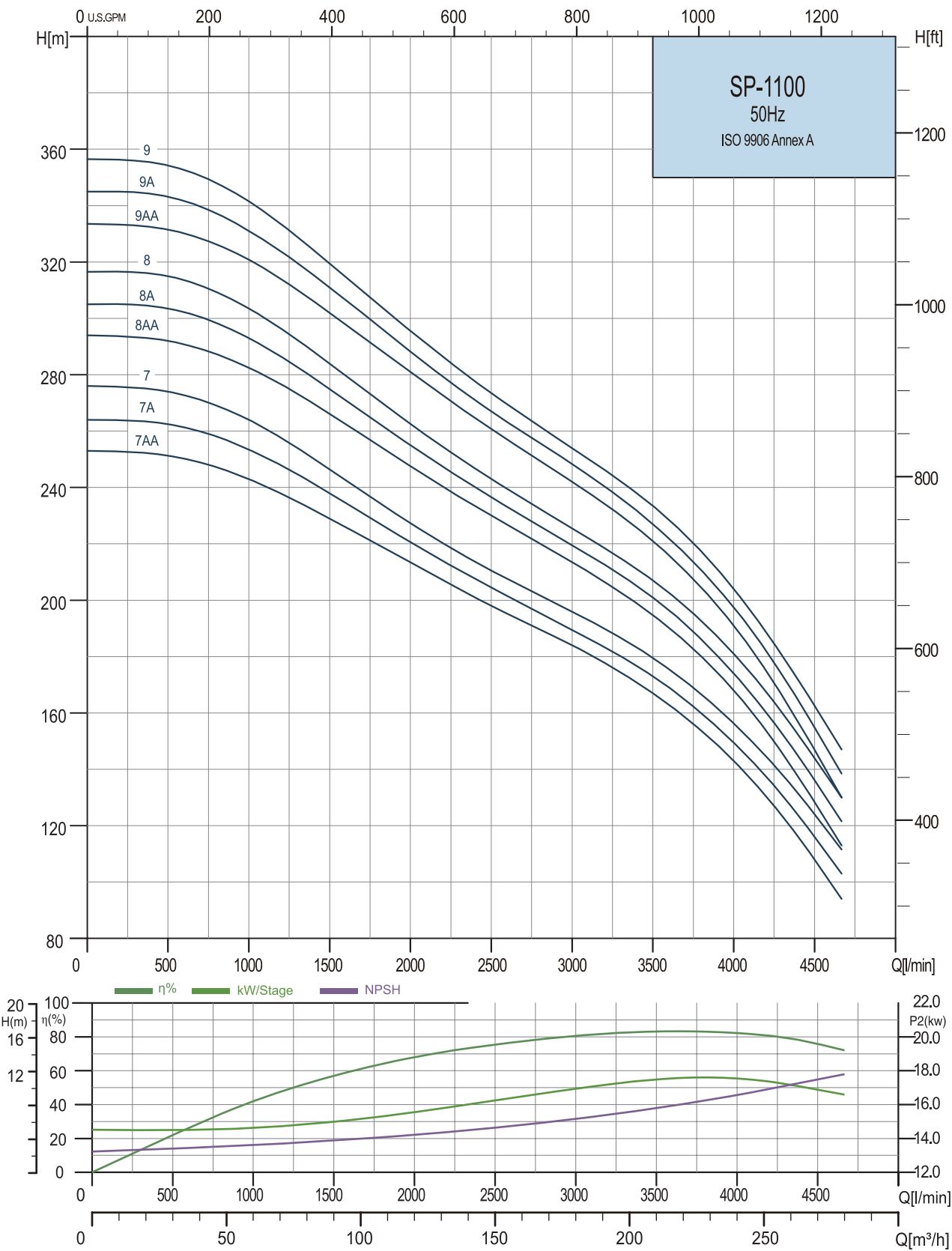
Pump Type	Motor Type	Dimensions(mm)				Net Weight (kg)
		A	B	C*	C**	
SP 1100-7-AA	10"	1827.7		262	274	111.2
SP 1100-7-A1	0"1	827.7		262	274	111.2
SP 1100-71	0"1	827.7		262	274	111.2
SP 1100-8-AA1	0"	2003.7		262	274	121.5
SP 1100-8-A	10"	2003.7		262	274	121.5
SP 1100-8	10"	2003.7		262	274	121.5
SP 1100-9-AA	10"	2179.7		262	274	131.7
SP 1100-9-A1	0"	2179.7		262	274	131.7
SP 1100-91	0"	2179.7		262	274	131.7

C* : Maximum diameter of pump with one motor cable

C** : Maximum diameter of pump with two motor cable



Performance Curves



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