

 STAIRS

SP<sub>50Hz</sub>

4" 6" 8" 10" Series

Stainless Steel  
Submersible Pumps



STAIRS INDUSTRIAL CO., LTD.


**SP**
**General Data**

Performance Range	01
SP 4"	02
SP 6"	04
SP 8"	06
SP 10"	08

**Technical Data**

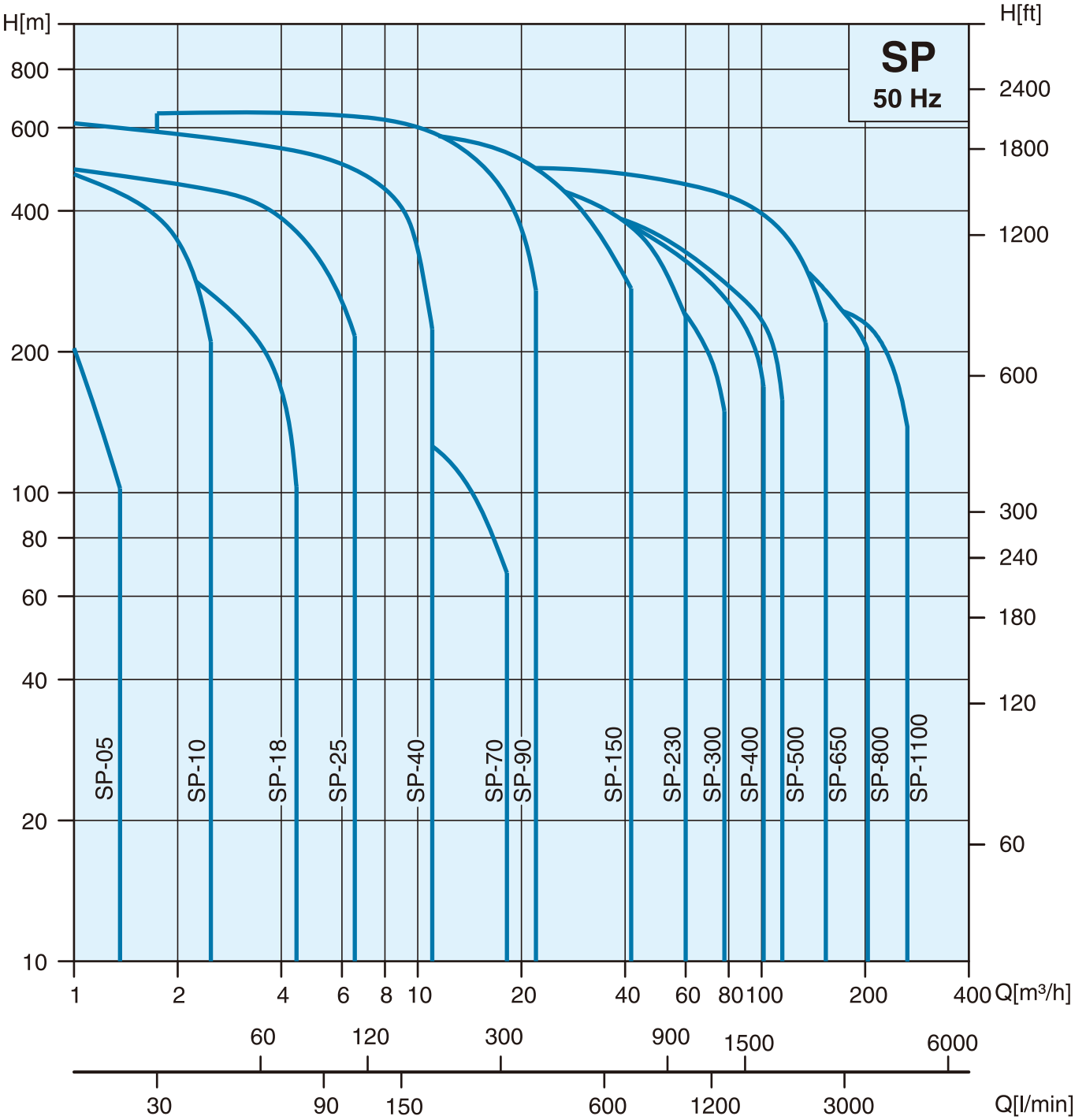
SP 05	10
SP 10	12
SP 18	14
SP 25	16
SP 40	18
SP 70	20
SP 90	22
SP 150	26
SP 230	30
SP 300	34
SP 400	36
SP 500	38
SP 650	40
SP 800	44
SP 1100	48

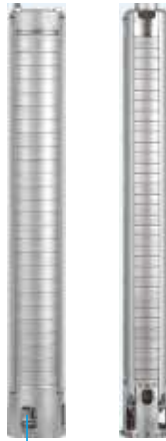
## SP 4" 6" 8" 10" Series Stainless Steel Submersible Pumps

SP4",6",8" and 10" submersible pumps are made of corrosion and abrasion resistant stainless steel and have been developed in accordance with state-of-the-art technology.

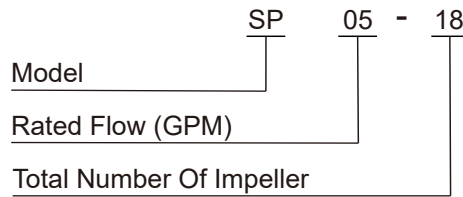
The SP series of pumps are manufactured to the highest standards for energy efficiency, dependable performance, rugged construction and long service life for the most demanding applications.

### Performance Range








### Model Code



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.

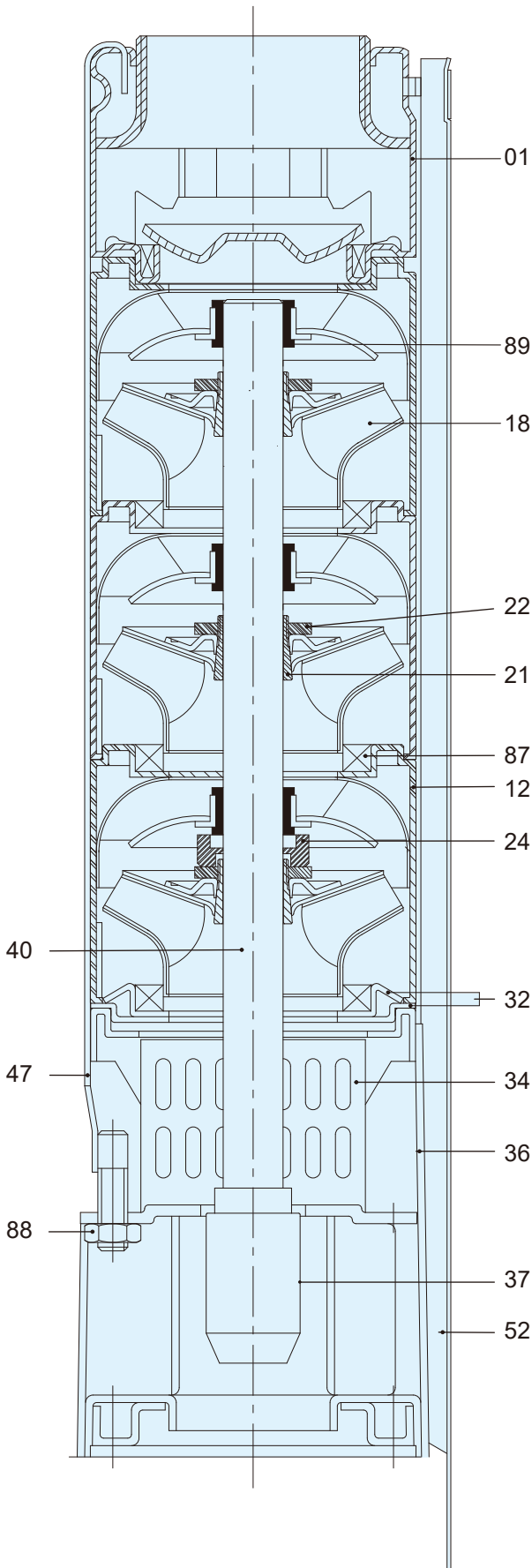
### Operation Conditions

- Capacity (m<sup>3</sup>/h) min 0.3 max 18
- Total Head: Max. 625m
- Max. ambient temperature (Liquid): 50°C
- Sand content: Max. 50 g/m<sup>3</sup>

### 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.

### Materials

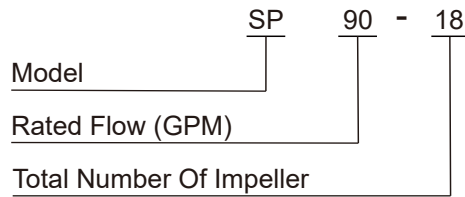



Pos.	Part Name	Materials
1	Discharge	SUS304 / SUS316
12	Diffuser	SUS304 / SUS316
18	Impeller	SUS304 / SUS316
21	Split Cone	SUS304 / SUS316
22	Split Cone Nut	SUS304 / SUS316
24	Stop Ring	Carbon+Graphite+PTFE
32	Neck Ring Retainer	SUS304 / SUS316
34	Strainer	SUS304 / SUS316
36	Suction Interconnector	SUS304 / 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.



### Model Code



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.

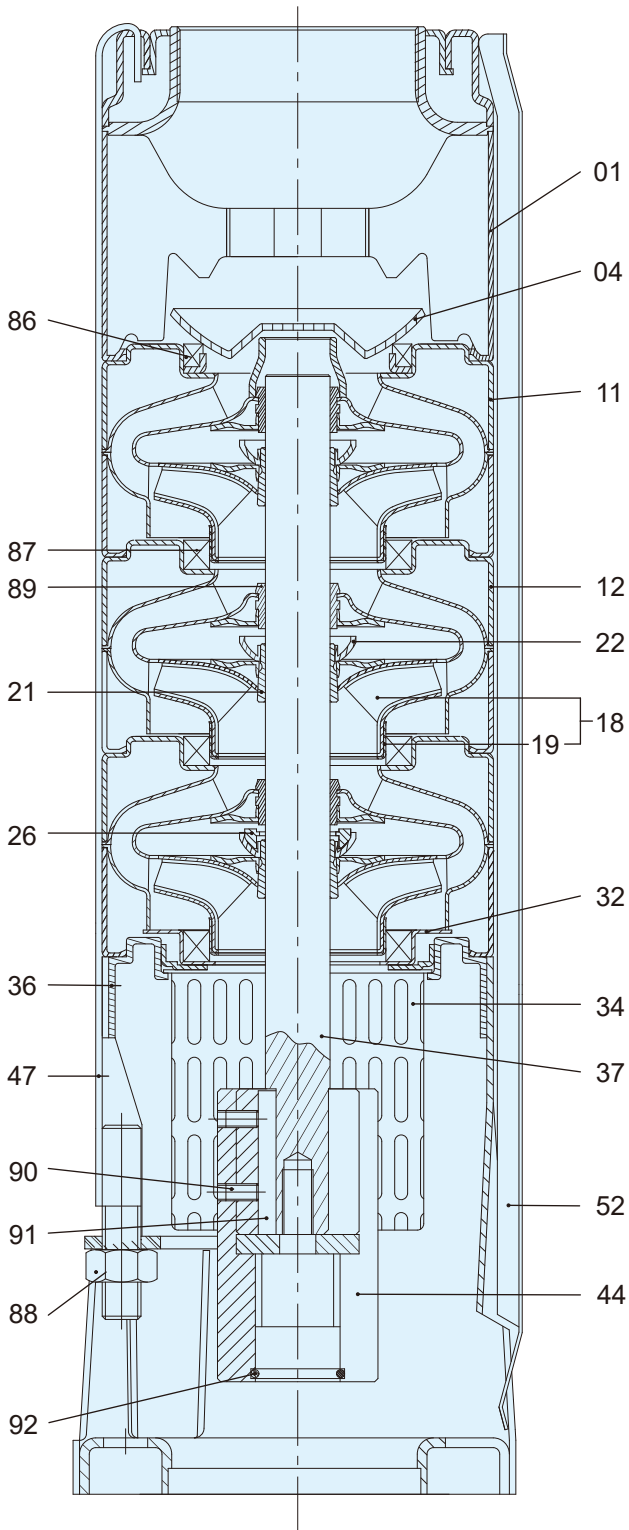
### Operation Conditions

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

### 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.

### Materials

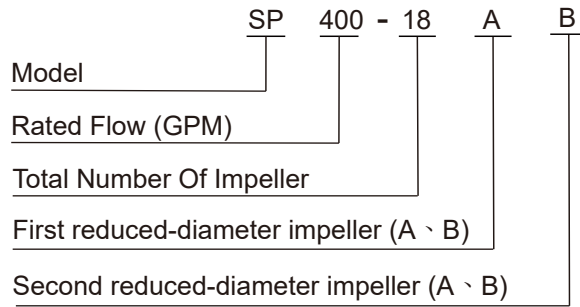



Pos.	Part Name	Materials
1	Discharge	SUS304 / SUS316
4	Valve Cone	SUS304 / SUS316
11	Top Diffuser	SUS304 / SUS316
12	Diffuser	SUS304 / SUS316
18	Impeller	SUS304 / SUS316
19	Ring of Impeller	SUS304 / SUS316
21	Split Cone	SUS304 / SUS316
22	Split Cone Nut	SUS304 / SUS316
26	Spacing Washer For Stop Ring	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



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

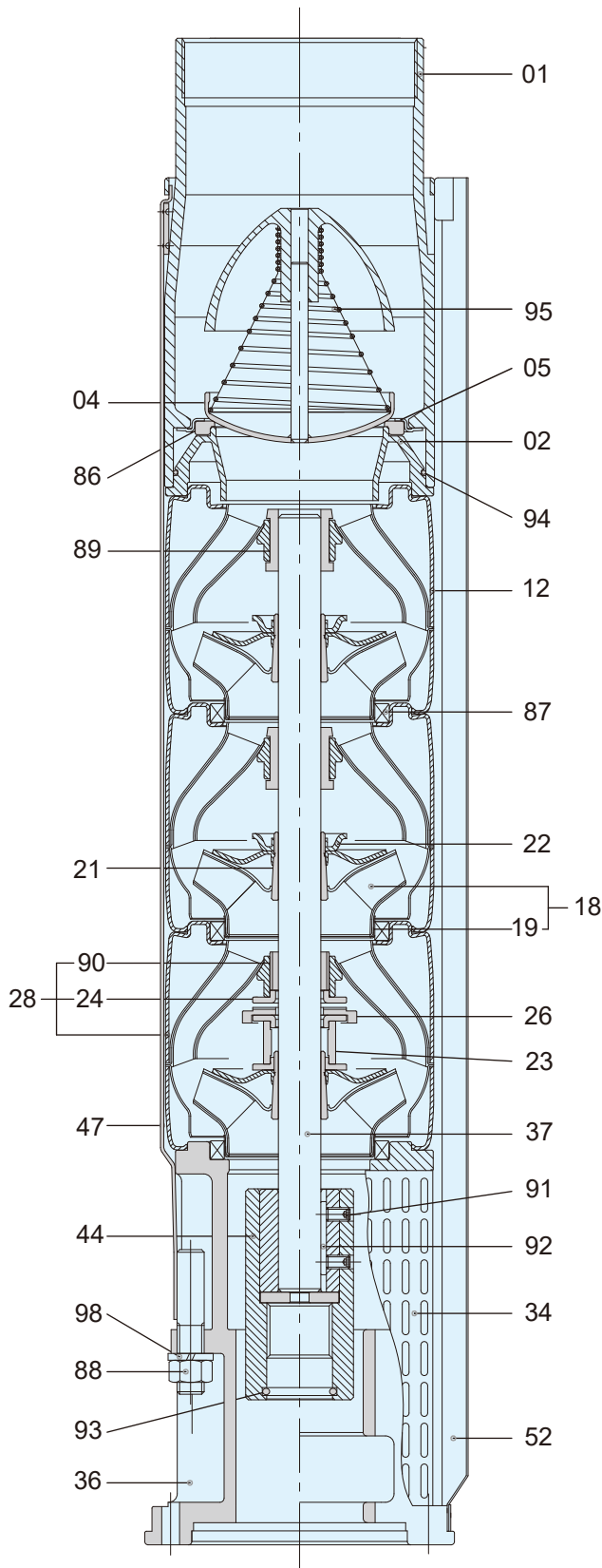
- Capacity (m<sup>3</sup>/h) min 12 max 120
- Total Head: Max. 450m
- Max. ambient temperature (Liquid): 40°C
- Sand content: Max. 50 g/m<sup>3</sup>

### 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.



### Materials

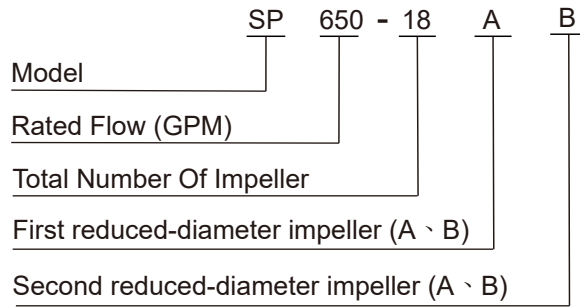



Pos.	Part Name	Materials
1	Discharge	SUS304 / SUS316
2	Lower Valve Seat Retainer	SUS304 / SUS316
4	Valve Cup	SUS304 / SUS316
5	Upper Valve Seat Retainer	SUS304 / SUS316
12	Diffuser	SUS304 / SUS316
18	Impeller	SUS304 / SUS316
19	Ring Of impeller	SUS304 / SUS316
21	Split Cone	SUS304 / SUS316
22	Split Cone 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 Shaft	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



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.

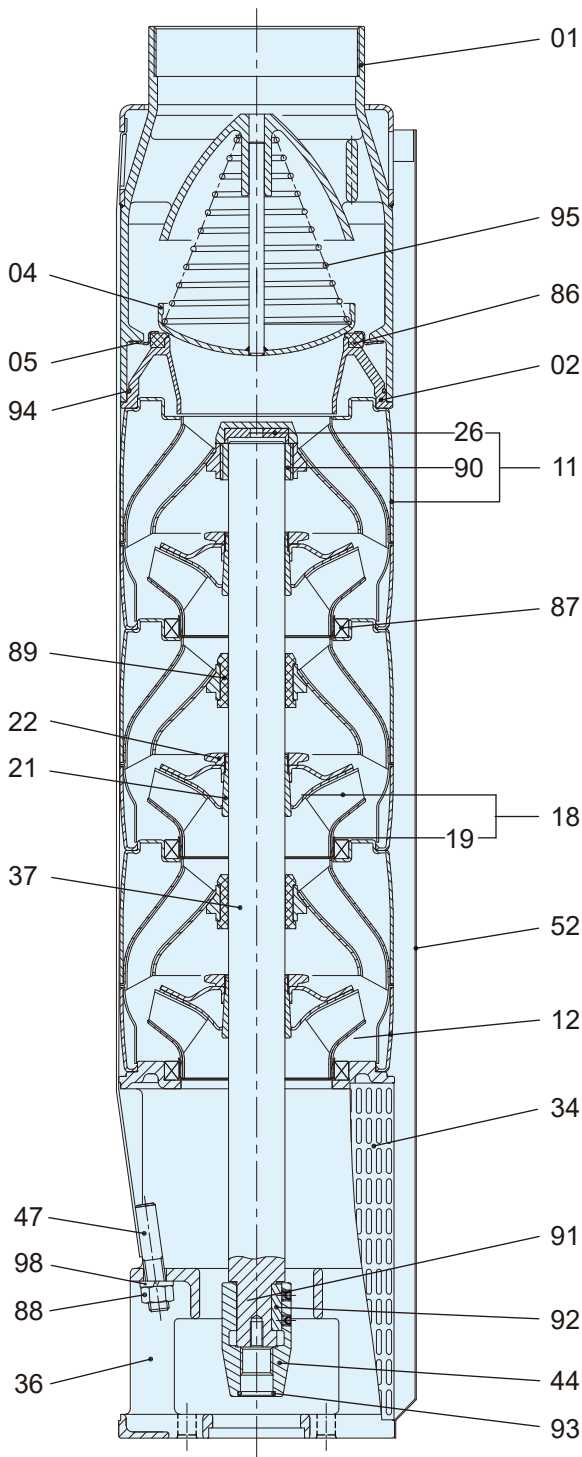
### Operation Conditions

- Capacity (m<sup>3</sup>/h) min 16 max 280
- Total Head: Max. 502m
- Max. ambient temperature (Liquid): 40°C
- Sand content: Max. 50 g/m<sup>3</sup>

### 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.

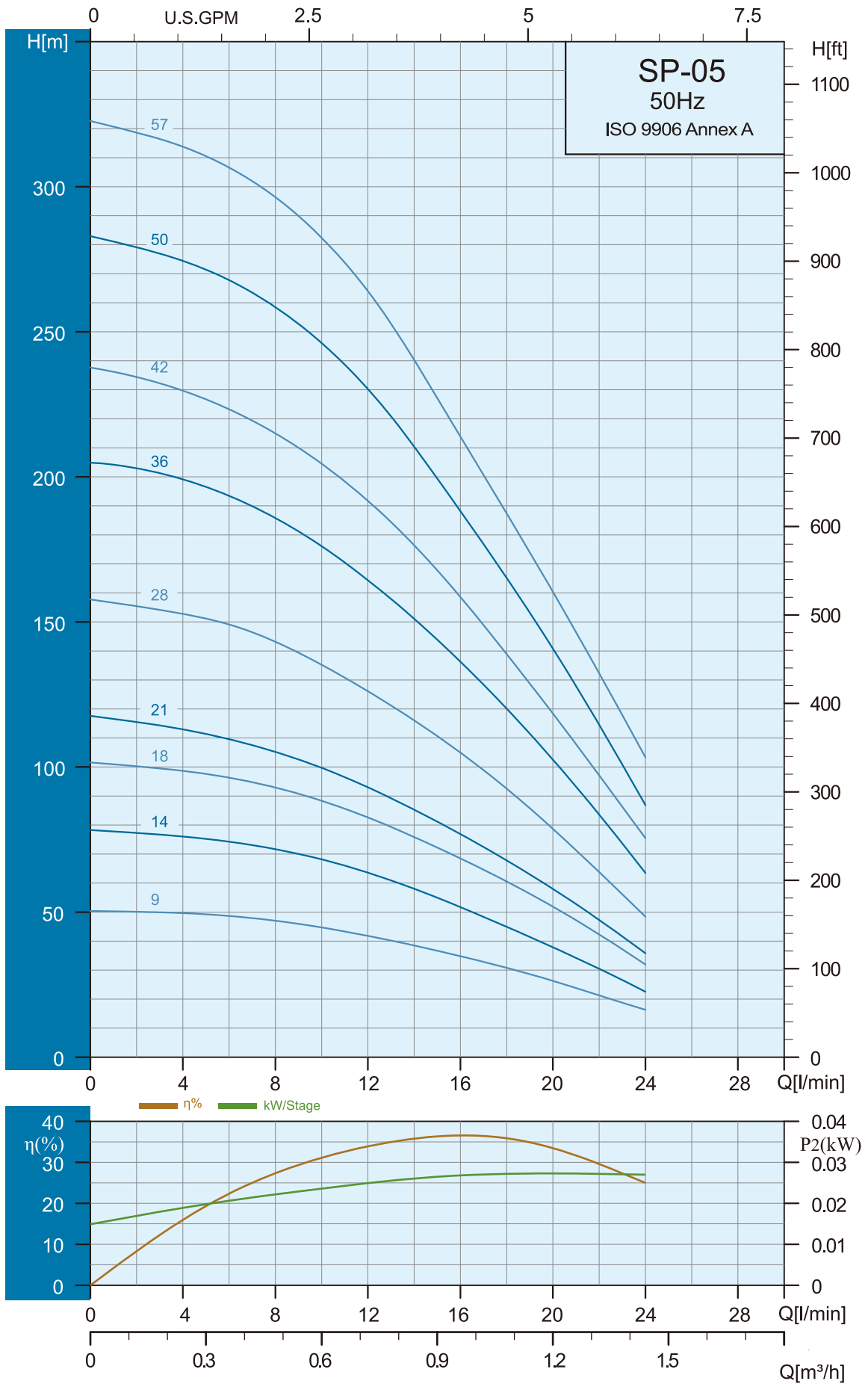
### Materials



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	Spit 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.

### Performance Curves



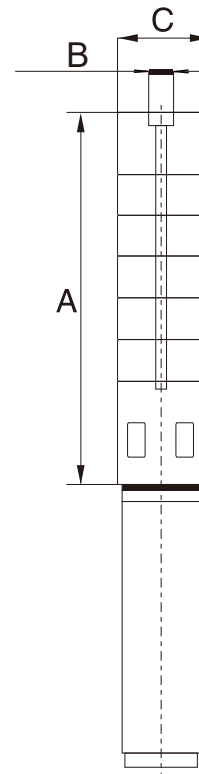
### Specifications

Pump Type	Motor		Q=DELIVERY 2850rpm						
	P2		l/min	0	5	10	15	20	25
	kW	HP	m <sup>3</sup> /h	0	0.3	0.6	0.9	1.2	1.5
SP 05-09	0.37	0.5	H (m)	50.0	47.0	45.0	36.0	26.0	14.0
SP 05-14	0.37	0.5		78.0	75.0	68.0	55	38.0	21.0
SP 05-18	0.55	0.75		102.0	97.0	88.0	72.0	52.0	27.0
SP 05-21	0.55	0.75		118.0	111.0	100.0	81.0	58.0	30.0
SP 05-28	0.75	1.0		158.0	151.0	138.0	111.0	79.0	42.0
SP 05-36	1.1	1.5		205.0	196.0	175.0	144.0	103.0	54.0
SP 05-42	1.1	1.5		238.0	227.0	203.0	168.0	118.0	67.0
SP 05-50	1.5	2.0		283.0	271.0	246.0	199.0	140.0	72.5
SP 05-57	2.0	3.0		322.0	310.0	282.0	227.0	160.0	88.5

\*Higher pressure , longer stages pumps up to 57 stages are available on request.

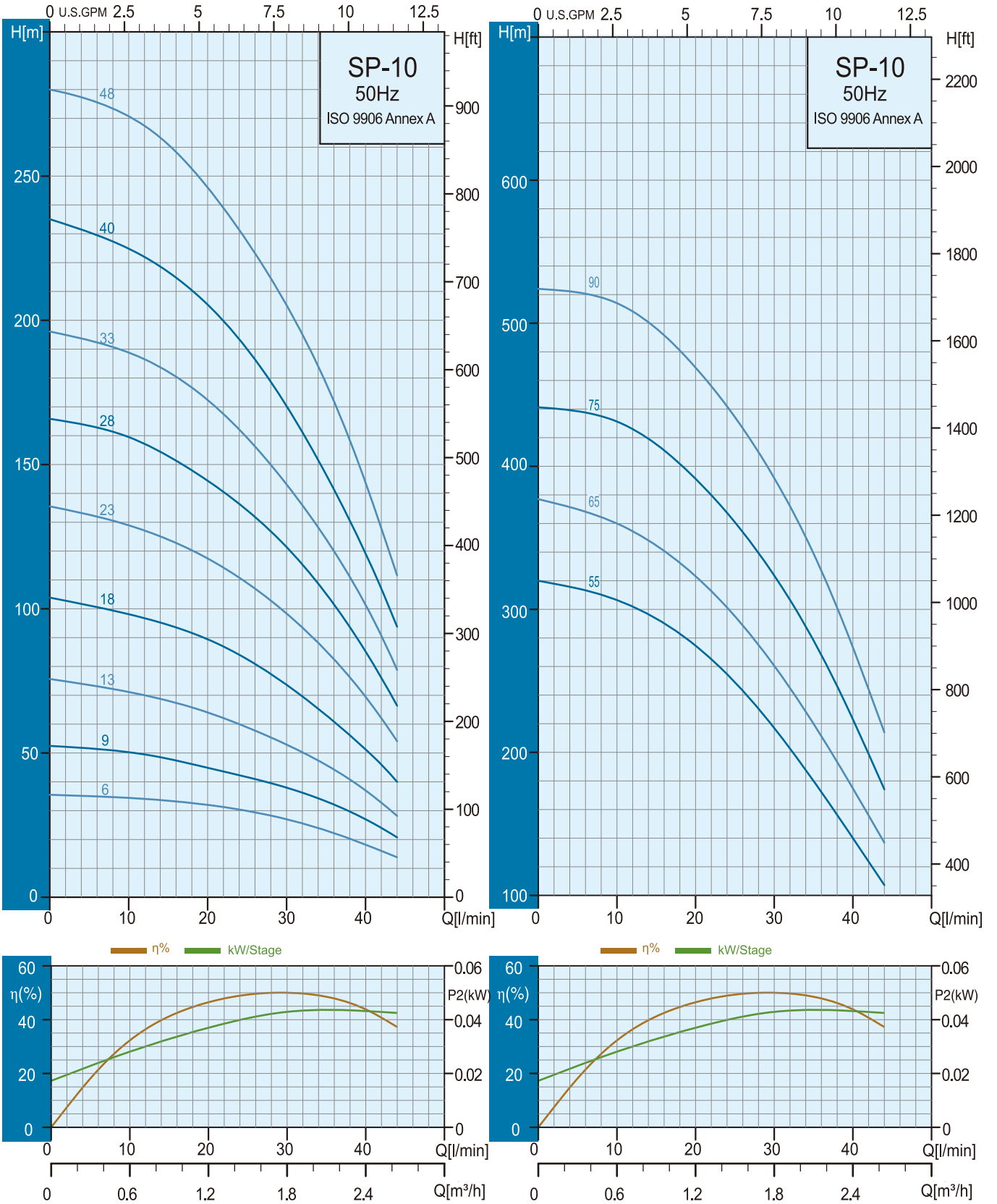
### Dimensions and Weights

Pump Type	Motor Dia.	Dimensions (mm)			Net Weight (kg)
		A	B	C	
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



C=Maximum diameter of pump inclusive of cable guard and motor.

### Performance Curves



### Specifications

Pump Type	Motor		Q=DELIVERY 2850rpm							
	P <sub>2</sub>		l/min	0	15	20	25	30	35	40
	kW	HP	m <sup>3</sup> /h	0	0.9	1.2	1.5	1.8	2.1	2.4
SP 10-06	0.37	0.5	H (m)	36.0	34.0	32.0	30.0	27.0	23.0	18.0
SP 10-09	0.37	0.5		52.0	48.0	45.0	42.0	38.0	33.0	27.0
SP 10-13	0.55	0.75		76.0	68.0	64.0	59.0	53.0	46.0	37.0
SP 10-18	0.75	1.0		104.0	94.0	89.0	82.0	74.0	63.0	51.0
SP 10-23	1.1	1.5		136.0	124.0	117.0	109.0	98.0	85.0	69.0
SP 10-28	1.5	2.0		166.0	153.0	144.0	134.0	121.0	105.0	85.0
SP 10-33	1.5	2.0		196.0	182.0	172.0	159.0	143.0	124.0	101.0
SP 10-40	2.2	3.0		235.0	217.0	205.0	190.0	170.0	147.0	119.0
SP 10-48	2.2	3.0		280.0	261.0	246.0	227.0	205.0	178.0	144.0
SP 10-55	3.0	4.0		320.0	293.0	275.0	249.0	217.0	180.0	140.0
SP 10-65	3.0	4.0		377.0	345.0	323.0	294.0	260.0	220.0	175.0
▶ SP 10-75	4.0	5.5		441.0	415.0	391.0	360.0	324.0	278.0	223.0
▶ SP 10-90	4.0	5.5		524.0	496.0	469.0	434.0	392.0	339.0	273.0

\*Higher pressure , longer stages pumps up to 90 stages are available on request.

▶ With Sleeve

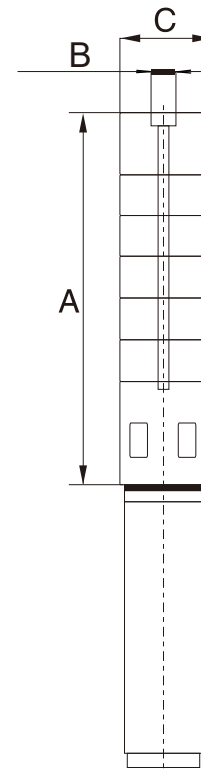
### Dimensions and Weights

Pump Type	Motor Dia.	Dimensions (mm)			Net Weight (kg)
		A	B	C	
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
SP 10-55	4"	1345		98	15.3
SP 10-65	4"	1555		98	17.8
▶ SP 10-75	4"	2123		133	40.1
▶ SP 10-90	4"	2438		133	45.6

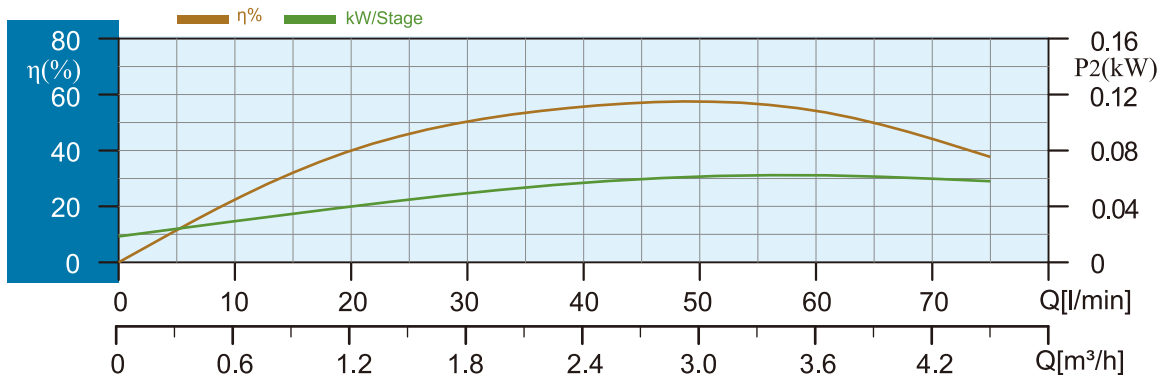
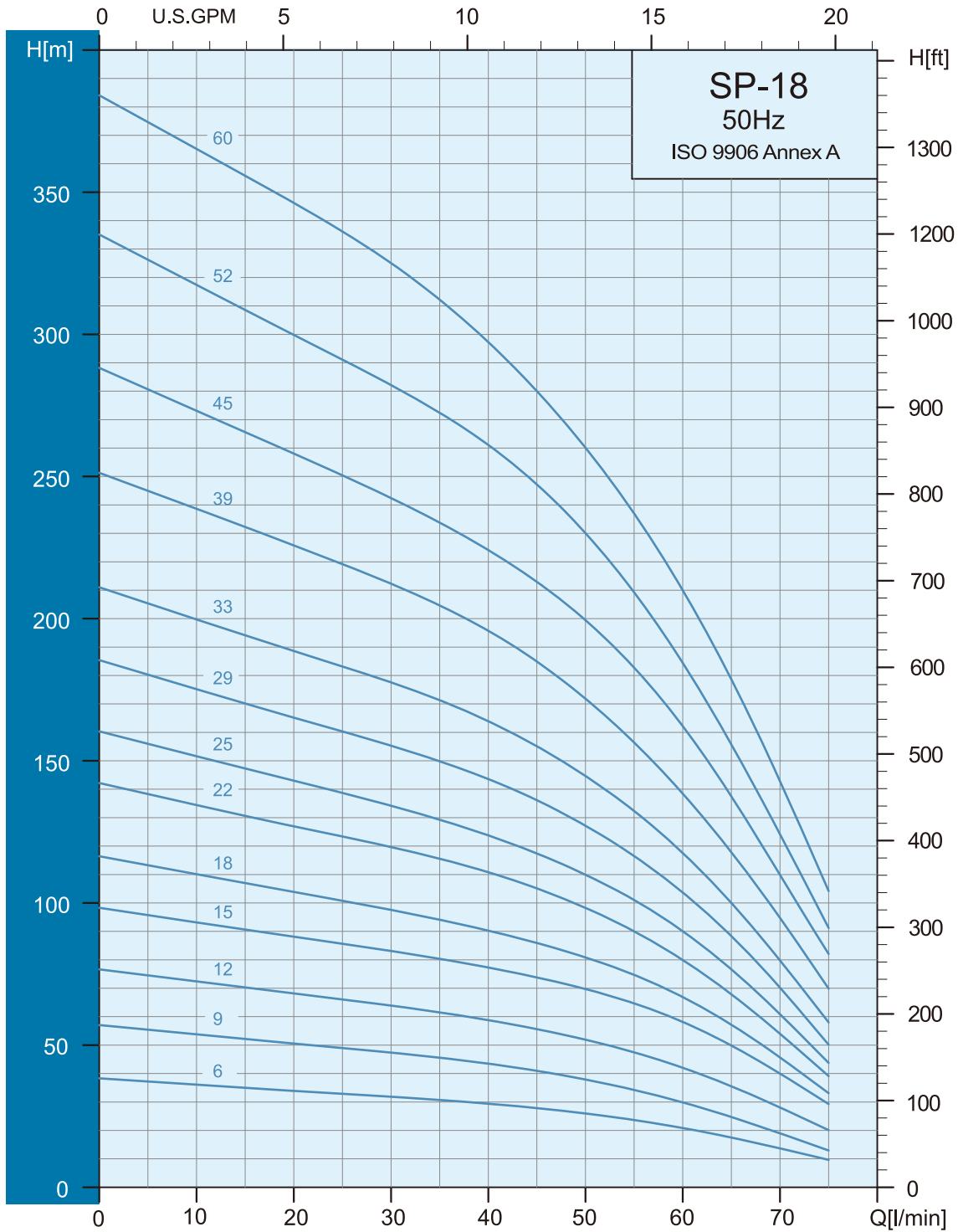
C= Maximum diameter of pump inclusive of cable guard and motor.

SP 10-75 and SP 10-90 are mounted in sleeve for R 1 1/4 connection

▶ With Sleeve



### Performance Curves





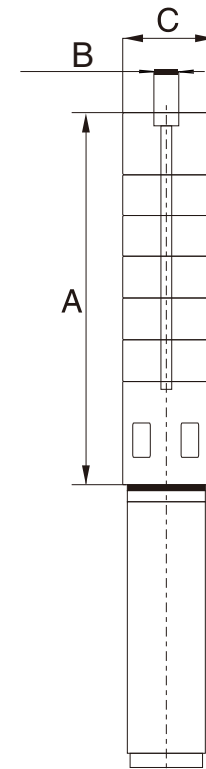
### Specifications

Pump Type	Motor		Q=DELIVERY 2850rpm									
	P <sub>2</sub>		l/min m <sup>3</sup> /h	0	25	30	35	40	45	50	60	70
	kW	HP		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)	38.0	33.0	32.0	31.0	30.0	28.0	26.0	21.0	14.0
SP 18-09	0.55	0.75		57.0	49.0	47.0	46.0	43.0	41.0	38.0	30.0	19.0
SP 18-12	0.75	1.0		77.0	66.0	64.0	62.0	58.0	56.0	52.0	42.0	28.0
SP 18-15	1.1	1.5		97.0	85.0	83.0	80.0	77.0	74.0	69.0	57.0	40.0
SP 18-18	1.1	1.5		116.0	101.0	97.0	94.0	90.0	85.0	80.0	67.0	45.0
SP 18-22	1.5	2.0		142.0	123.0	120.0	115.0	110.0	105.0	98.0	80.0	54.0
SP 18-25	1.5	2.0		160.0	139.0	134.0	129.0	123.0	117.0	110.0	90.0	61.0
SP 18-29	2.2	3.0		185.0	160.0	155.0	150.0	143.0	136.0	127.0	103.0	70.0
SP 18-33	2.2	3.0		211.0	183.0	177.0	171.0	164.0	155.0	145.0	118.0	80.0
SP 18-39	3.0	4.0		251.0	219.0	212.0	205.0	196.0	185.0	172.0	138.0	95.0
SP 18-45	3.0	4.0		288.0	250.0	242.0	234.0	224.0	213.0	199.0	162.0	110.0
SP 18-52	4.0	5.5		334.0	291.0	282.0	272.0	261.0	247.0	230.0	184.0	124.0
SP 18-60	4.0	5.5		384.0	336.0	325.0	312.0	297.0	280.0	260.0	210.0	143.0

\*Higher pressure , longer stages pumps up to 60 stages are available on request.

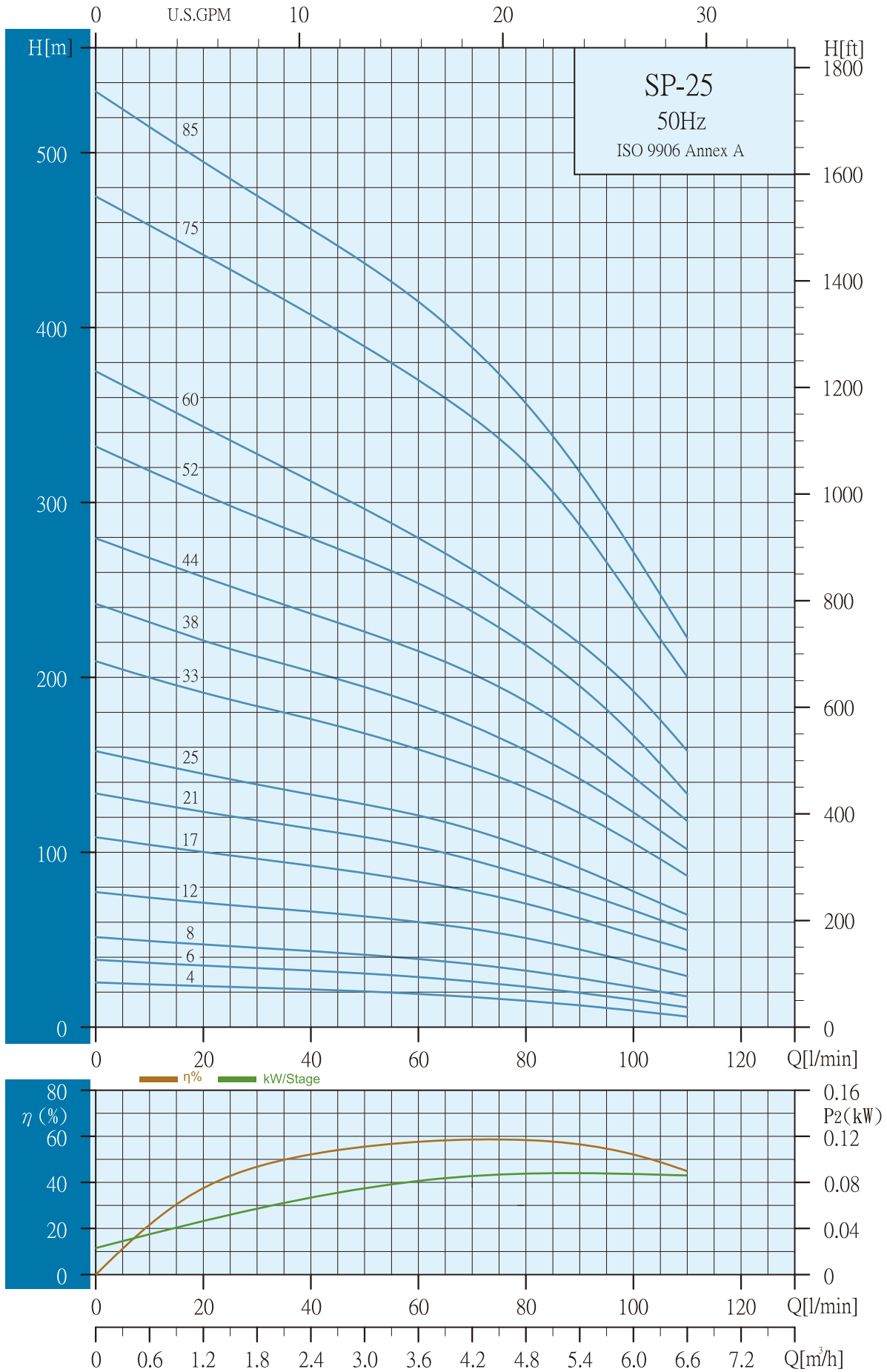
### Dimensions and Weights

Pump Type	Motor Dia.	Dimensions (mm)			Net Weight (kg)
		A	B	C	
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



C=Maximum diameter of pump inclusive of cable guard and motor.

Performance Curves



### Specifications

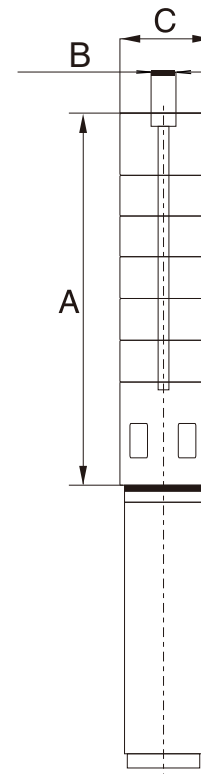
Pump Type	Motor		Q=DELIVERY											
	P <sub>2</sub>		l/min	0	30	35	40	45	50	60	70	80	90	100
	kW	HP	m <sup>3</sup> /h	0	1.8	2.1	2.4	2.7	3.0	3.6	4.2	4.8	5.4	6.0
SP 25-04	0.37	0.5	H (m)	25.0	23.0	22.0	21.0	20.5	20.0	19.0	17.0	15.0	12.0	10.0
SP 25-06	0.55	0.75		38.0	34.0	33.0	32.0	31.0	30.0	28.0	26.0	23.0	20.0	16.0
SP 25-08	0.75	1.0		51.0	45.0	44.0	43.0	42.0	41.0	39.0	36.0	32.0	28.0	23.0
SP 25-12	1.1	1.5		77.0	68.0	67.0	66.0	64.0	63.0	60.0	56.0	51.0	44.0	37.0
SP 25-17	1.5	2.0		108.0	96.0	94.0	92.0	90.0	88.0	83.0	77.0	70.0	62.0	53.0
SP 25-21	2.2	3.0		134.0	118.0	115.0	113.0	111.0	108.0	103.0	96.0	87.0	77.0	67.0
SP 25-25	2.2	3.0		157.0	138.0	136.0	133.0	130.0	127.0	121.0	113.0	103.0	90.0	78.0
SP 25-33	3.0	4.0		209.0	184.0	180.0	176.0	172.0	168.0	159.0	149.0	137.0	122.0	105.0
SP 25-38	4.0	5.5		242.0	212.0	208.0	203.0	199.0	194.0	184.0	172.0	158.0	142.0	123.0
SP 25-44	4.0	5.5		279.0	247.0	242.0	237.0	231.0	226.0	215.0	202.0	187.0	166.0	143.0
SP 25-52	5.5	7.5		332.0	291.0	285.0	279.0	273.0	267.0	253.0	237.0	218.0	195.0	166.0
SP 25-60	5.5	7.5		375.0	327.0	320.0	312.0	304.0	296.0	279.0	261.0	242.0	219.0	192.0
▶ SP 25-75	7.5	10.0		475.0	424.0	416.0	407.0	398.0	389.0	370.0	348.0	322.0	287.0	243.0
▶ SP 25-85	7.5	10.0		535.0	475.0	466.0	456.0	446.0	436.0	414.0	388.0	356.0	317.0	271.0

\*Higher pressure , longer stages pumps up to 85 stages are available on request.

▶ With Sleeve

### Dimensions and Weights

Pump Type	Motor Dia.	Dimensions (mm)			Net Weight (kg)
		A	B	C	
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	

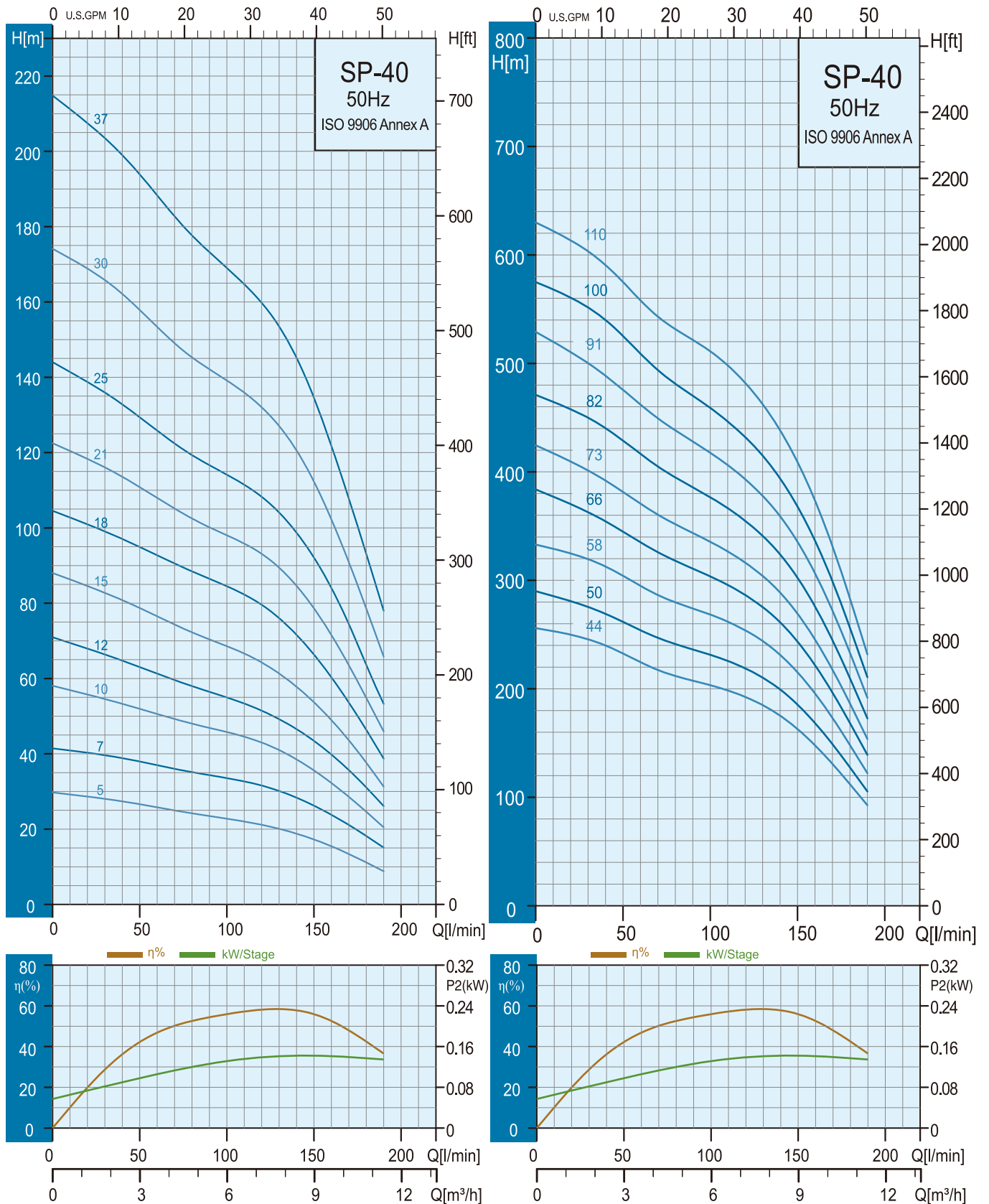


C=Maximum diameter of pump inclusive of cable guard and motor.

SP 25-75 and SP 25-85 are mounted in sleeve for R 1 1/2 connection

▶ With Sleeve

### Performance Curves



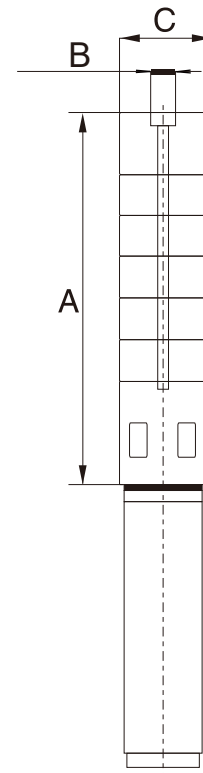
### Specifications

Pump Type	Motor		Q=DELIVERY 2850rpm													
	P <sub>2</sub>		l/min m <sup>3</sup> /h	0	40	45	50	60	70	80	90	100	120	140	160	180
	kW	HP		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)	30.0	28.0	27.0	26.0	26.0	25.0	24.0	23.0	22.0	21.0	19.0	15.0	11.0
SP 40-07	1.1	1.5		41.0	39.0	38.0	38.0	37.0	36.0	35.0	34.0	33.0	32.0	28.0	24.0	18.0
SP 40-10	1.5	2.0		58.0	54.0	53.0	52.0	51.0	49.0	48.0	47.0	46.0	43.0	38.0	32.0	25.0
SP 40-12	2.2	3.0		71.0	65.0	64.0	63.0	61.0	60.0	58.0	56.0	55.0	52.0	47.0	40.0	31.0
SP 40-15	2.2	3.0		88.0	80.0	79.0	78.0	76.0	74.0	72.0	70.0	68.0	64.0	57.0	49.0	38.0
SP 40-18	3.0	4.0		104.0	98.0	96.0	95.0	93.0	90.0	88.0	86.0	84.0	79.0	72.0	60.0	46.0
SP 40-21	4.0	5.5		122.0	114.0	112.0	111.0	107.0	105.0	102.0	100.0	98.0	93.0	85.0	72.0	55.0
SP 40-25	4.0	5.5		144.0	133.0	131.0	129.0	126.0	122.0	119.0	116.0	114.0	108.0	98.0	84.0	64.0
SP 40-30	5.5	7.5		174.0	163.0	160.0	157.0	154.0	149.0	145.0	142.0	139.0	132.0	120.0	102.0	79.0
SP 40-37	5.5	7.5		215.0	199.0	196.0	194.0	188.0	183.0	177.0	173.0	169.0	160.0	145.0	122.0	93.0
SP 40-44	7.5	10.0		256.0	240.0	236.0	232.0	224.0	217.0	212.0	207.0	203.0	192.0	175.0	148.0	112.0
SP 40-50	7.5	10.0		290.0	269.0	266.0	261.0	254.0	247.0	241.0	236.0	231.0	219.0	199.0	168.0	127.0
▶ SP 40-58	11.0	15.0		333.0	312.0	309.0	304.0	295.0	286.0	280.0	274.0	268.0	254.0	231.0	195.0	148.0
▶ SP 40-66	11.0	15.0		383.0	354.0	350.0	345.0	335.0	326.0	318.0	311.0	303.0	286.0	261.0	222.0	168.0
▶ SP 40-73	11.0	15.0		424.0	392.0	387.0	381.0	370.0	360.0	351.0	343.0	335.0	316.0	289.0	245.0	186.0
▶ SP 40-82	15.0	20.0		471.0	440.0	429.0	429.0	416.0	405.0	395.0	385.0	376.0	355.0	324.0	276.0	210.0
▶ SP 40-91	15.0	20.0		529.0	488.0	482.0	475.0	462.0	449.0	438.0	428.0	417.0	393.0	359.0	306.0	233.0
▶ SP 40-100	18.5	25.0		575.0	540.0	533.0	525.0	509.0	493.0	481.0	470.0	459.0	432.0	394.0	336.0	256.0
▶ SP 40-110	18.5	25.0	630.0	590.0	583.0	575.0	558.0	543.0	531.0	521.0	511.0	482.0	438.0	373.0	283.0	

\*Higher pressure, longer stages pumps up to 110 stages are available on request.  
 ▶ With Sleeve

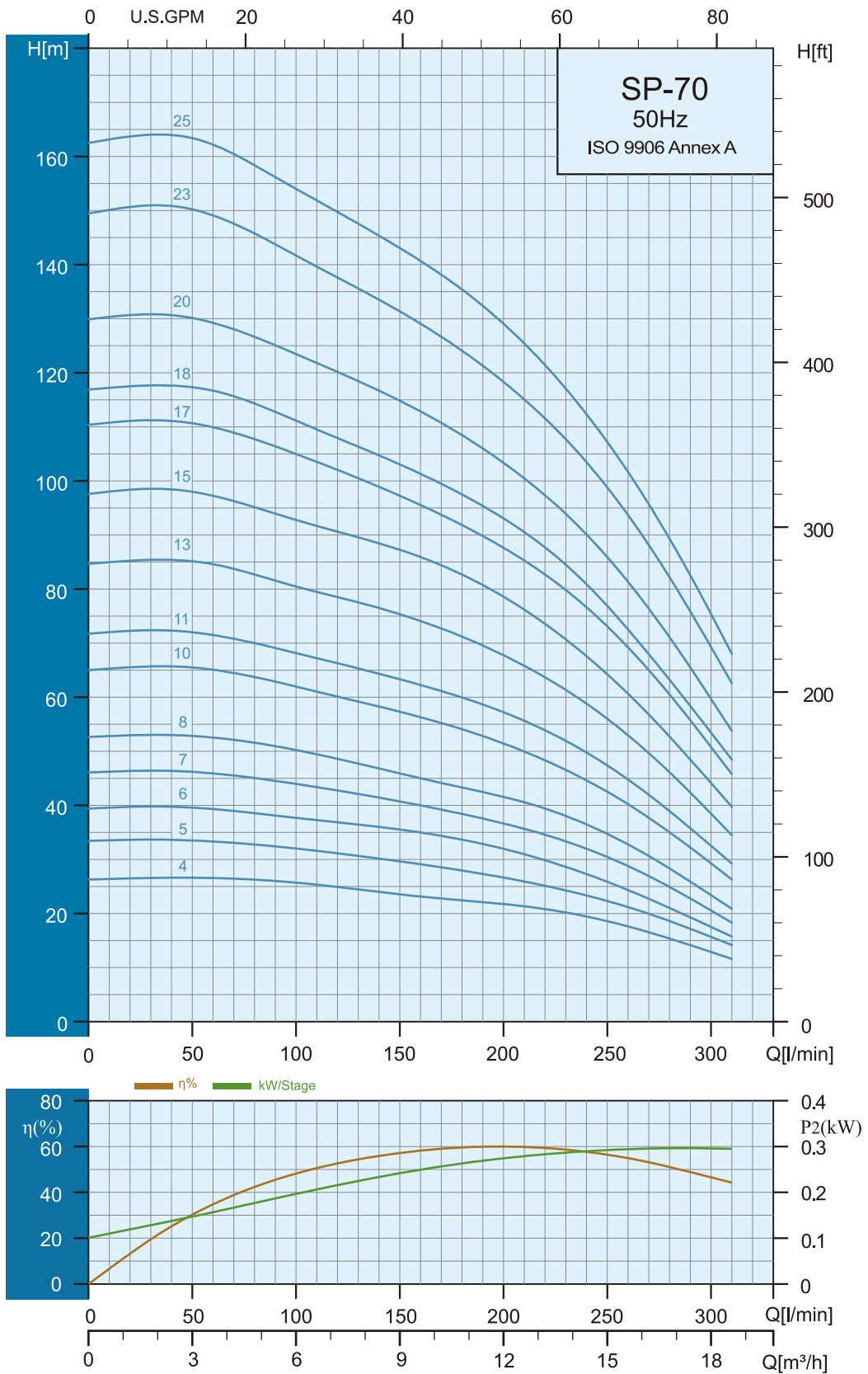
### Dimensions and Weights

Pump Type	Motor Dia.	Dimensions (mm)			Net Weight (kg)
		A	B	C	
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
▶ SP 40-58	6"	3005		140	58.2
▶ SP 40-66	6"	3341		140	64.6
▶ SP 40-73	6"	3635		140	70.4
▶ SP 40-82	6"	4013		140	77.7
▶ SP 40-91	6"	4391	140	85.1	
▶ SP 40-100	6"	4769	140	92.4	
▶ SP 40-110	6"	5189	140	100.6	



C=Maximum diameter of pump inclusive of cable guard and motor.  
 SP 40-58 to SP 40-110 are mounted in sleeve for R 2 connection  
 ▶ With Sleeve

Performance Curves

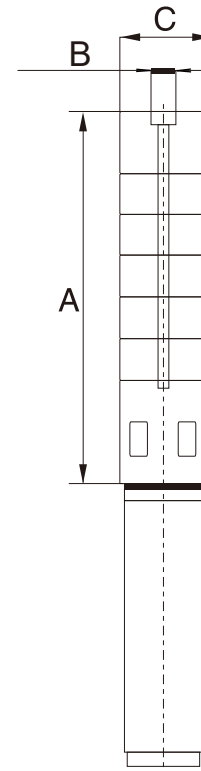


### Specifications

Pump Type	Motor		Q=DELIVERY 2850rpm									
	P <sub>2</sub>		l/min m <sup>3</sup> /h	0	100	120	140	160	180	200	250	300
	kW	HP		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)	26.0	25.5	25.0	24.0	23.0	22.5	21.5	18.5	13.0
SP 70-05	1.5	2.0		33.0	32.0	31.0	30.0	29.0	28.0	26.0	22.0	16.0
SP 70-06	2.2	3.0		39.5	37.5	37.0	36.0	35.0	33.5	32.0	26.0	17.5
SP 70-07	2.2	3.0		46.0	44.0	43.0	42.0	40.0	38.0	36.0	30.0	20.0
SP 70-08	3.0	4.0		52.5	50.0	48.5	46.5	45.0	43.0	41.5	35.0	23.5
SP 70-10	3.0	4.0		65.0	62.0	60.0	58.0	56.0	54.0	51.0	43.0	29.0
SP 70-11	4.0	5.5		71.5	68.0	66.0	64.0	62.0	60.0	57.0	47.0	32.5
SP 70-13	4.0	5.5		84.0	80.0	78.0	77.0	74.0	71.0	67.0	56.0	38.0
SP 70-15	5.5	7.5		97.5	92.5	90.5	88.5	86.0	82.5	78.5	64.0	44.0
SP 70-17	5.5	7.5		110.0	105.0	102.0	99.0	95.5	92.0	87.5	73.0	51.0
SP 70-18	5.5	7.5		117.0	111.0	108.0	104.0	102.0	97.0	93.0	77.0	54.0
SP 70-20	7.5	10.0		130.0	123.0	120.0	116.5	113.0	108.5	103.0	86.0	59.0
SP 70-23	7.5	10.0		149.5	141.5	137.5	133.5	129.0	124.0	118.0	99.0	69.0
SP 70-25	7.5	10.0		163.0	154.0	149.0	145.0	141.0	135.0	129.0	107.0	75.0

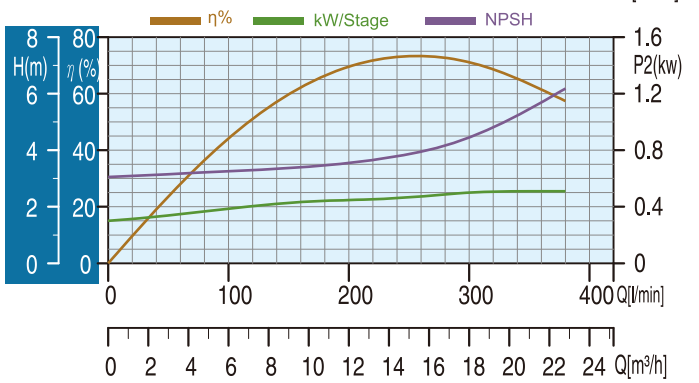
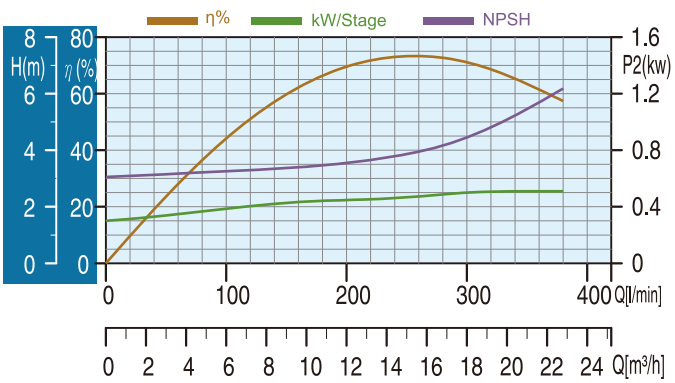
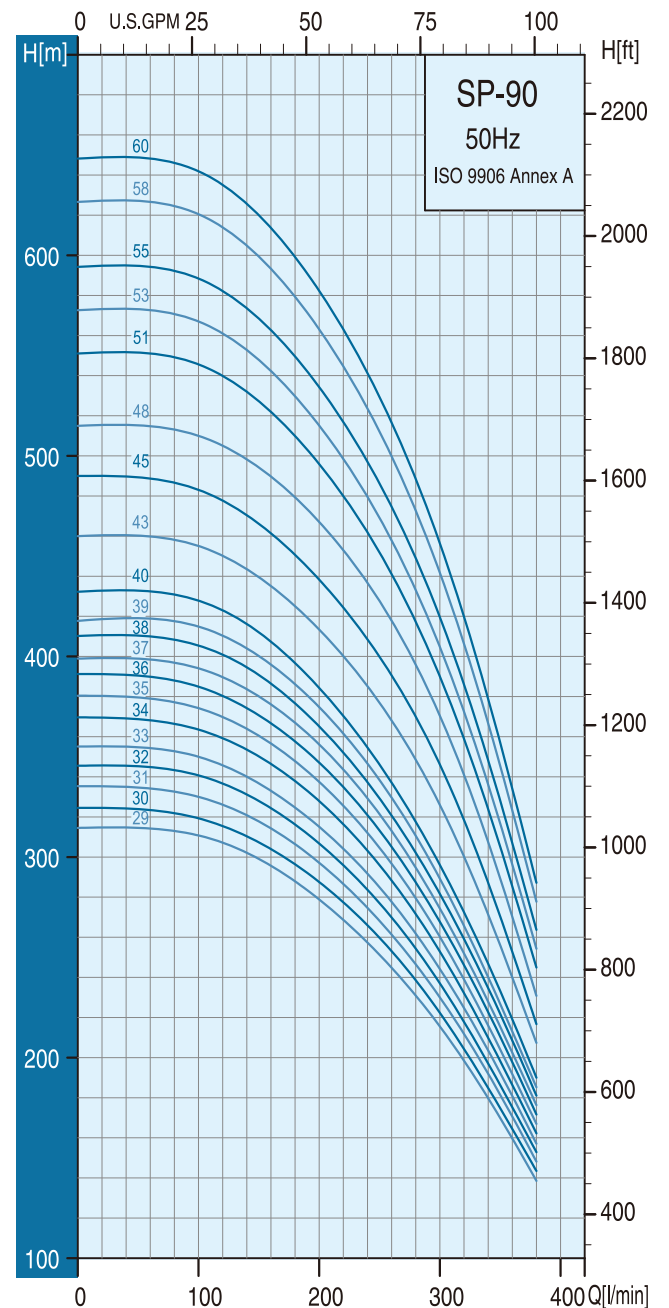
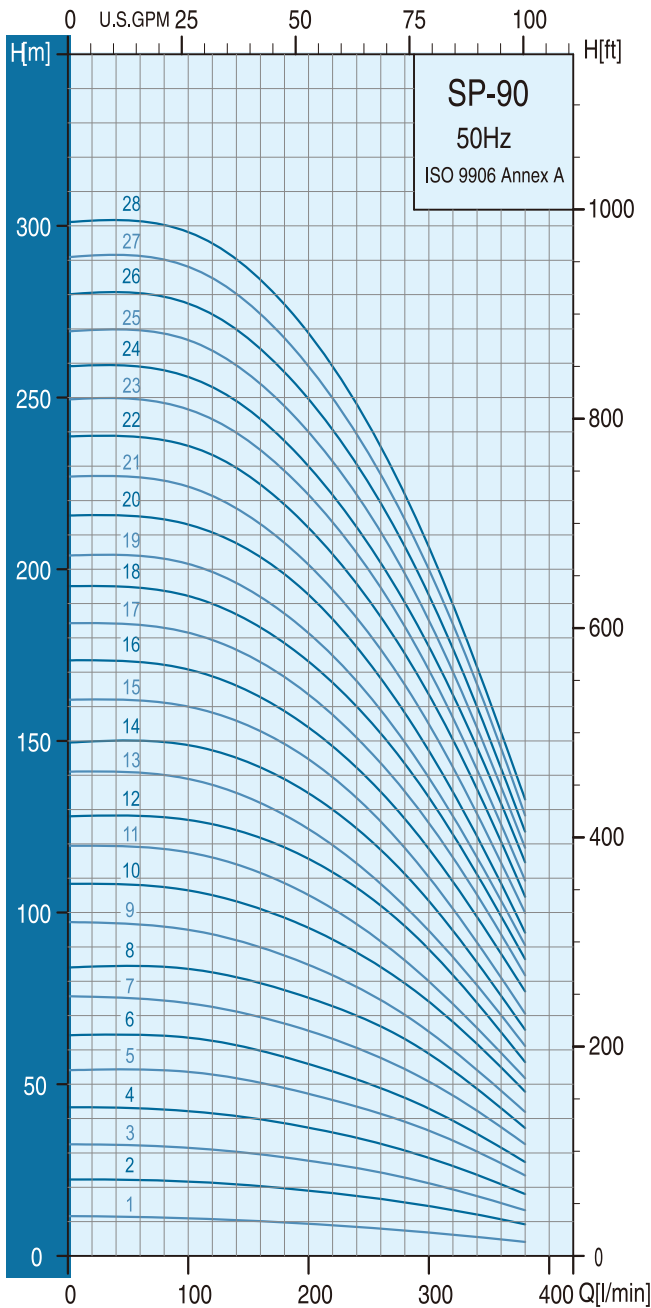
### Dimensions and Weights

Pump Type	Motor Dia.	Dimensions (mm)			Net Weight (kg)
		A	B	C	
SP 70-04	4"	440	Rp 2" 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



C=Maximum diameter of pump inclusive of cable guard and motor.

### Performance Curves



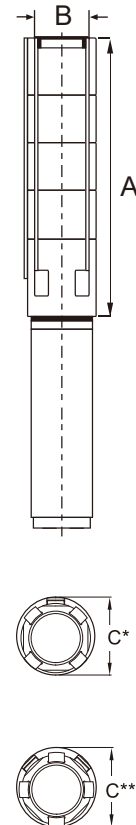


### Specifications

Pump Type	Motor		l/min m <sup>3</sup> /h	Q=DELIVERY 2850rpm							
	P <sub>2</sub>			50	100	150	200	250	300	350	383
	kW	HP		3.0	6.0	9.0	12.0	15.0	18.0	21.0	23.0
SP 90-1	0.55	0.75	H (m)	11.5	11.0	10.5	9.5	8.0	7.0	6.0	4.0
SP 90-2	1.1	1.5		22.0	21.5	20.0	19.0	17.5	14.0	12.0	9.0
SP 90-3	2.2	3.0		32.0	31.5	30.0	27.5	25.0	21.0	16.5	13.0
SP 90-4	2.2	3.0		42.5	42.0	40.0	38.0	33.0	28.5	23.0	18.0
SP 90-5	3.0	4.0		53.0	52.0	50.5	47.5	42.5	37.0	28.5	22.0
SP 90-6	3.7	5.0		64.0	63.0	60.0	56.0	50.0	43.0	34.0	27.0
SP 90-7	4.0	5.5		75.0	74.0	70.0	66.0	59.0	50.5	40.0	32.0
SP 90-8	5.5	7.5		84.5	83.5	80.0	75.0	68.0	59.0	46.0	37.0
SP 90-9	5.5	7.5		96.5	95.0	91.0	85.0	76.5	65.0	51.0	42.0
SP 90-10	5.5	7.5		108.0	107.0	102.0	95.0	86.0	74.0	58.0	48.0
SP 90-11	7.5	10.0		119.0	117.5	113.0	105.0	94.0	80.0	62.5	51.5
SP 90-12	7.5	10.0		128.0	127.0	123.0	115.5	104.5	89.0	69.0	56.5
SP 90-13	7.5	10.0		141.0	139.0	133.0	124.0	112.0	95.0	75.0	60.0
SP 90-14	9.3	12.5		150.0	148.5	143.5	134.5	121.5	103.0	80.5	65.5
SP 90-15	9.3	12.5		162.0	160.0	154.5	144.5	130.0	110.0	86.0	70.5
SP 90-16	9.3	12.5		173.0	170.5	164.5	154.0	139.0	118.5	93.0	77.0
SP 90-17	9.3	12.5		184.0	182.0	175.0	163.0	147.0	126.0	100.0	80.0
SP 90-18	9.3	12.5		194.5	192.0	185.0	173.0	156.0	133.5	105.0	86.0
SP 90-19	11.0	15.0		204.0	201.5	194.0	181.0	163.0	139.0	109.5	90.5
SP 90-20	11.0	15.0		216.0	213.0	206.0	192.0	173.0	147.0	116.0	95.0
SP 90-21	11.0	15.0		227.0	224.0	215.5	201.0	181.5	154.5	121.5	100.0
SP 90-22	13.0	17.5		239.0	237.0	228.0	212.0	190.0	163.0	129.0	105.0
SP 90-23	13.0	17.5		249.5	246.5	237.0	221.5	200.0	170.5	133.5	109.0
SP 90-24	13.0	17.5		260.0	257.0	247.0	230.0	208.0	178.0	140.0	115.0
SP 90-25	15.0	20.0		270.0	260.5	256.5	240.0	216.5	185.0	145.0	119.0
SP 90-26	15.0	20.0		280.5	277.5	267.0	249.5	225.0	192.0	151.0	123.5
SP 90-27	15.0	20.0		291.0	288.0	277.0	259.0	234.0	200.0	158.0	128.0
SP 90-28	18.5	25.0		301.5	298.0	287.5	268.5	242.0	206.5	162.0	133.0

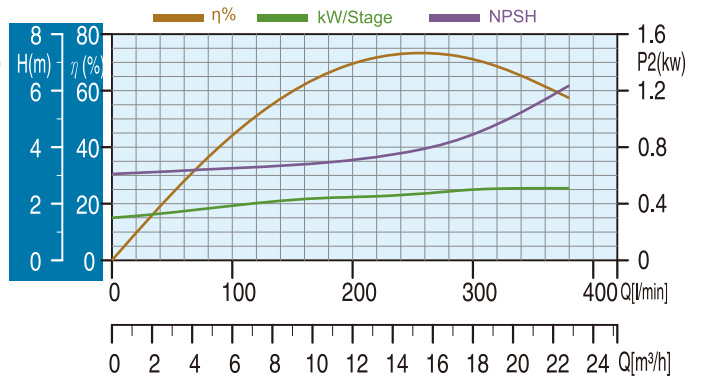
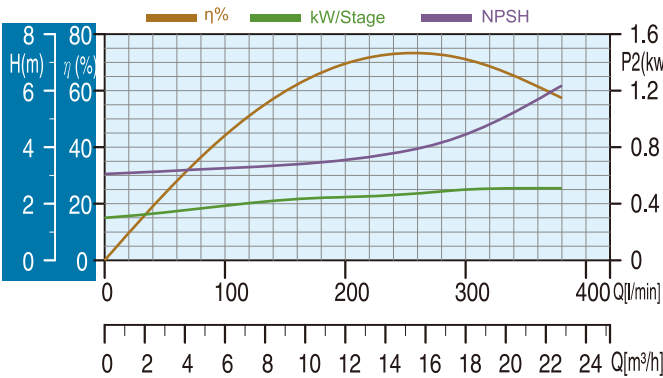
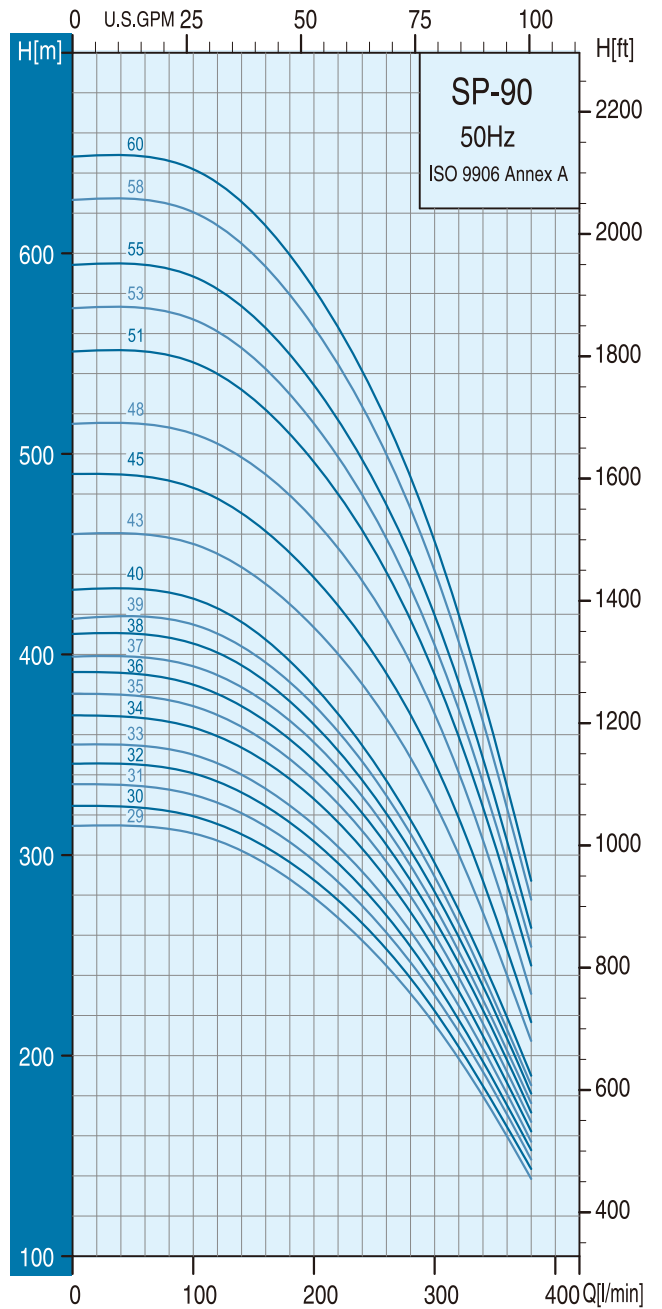
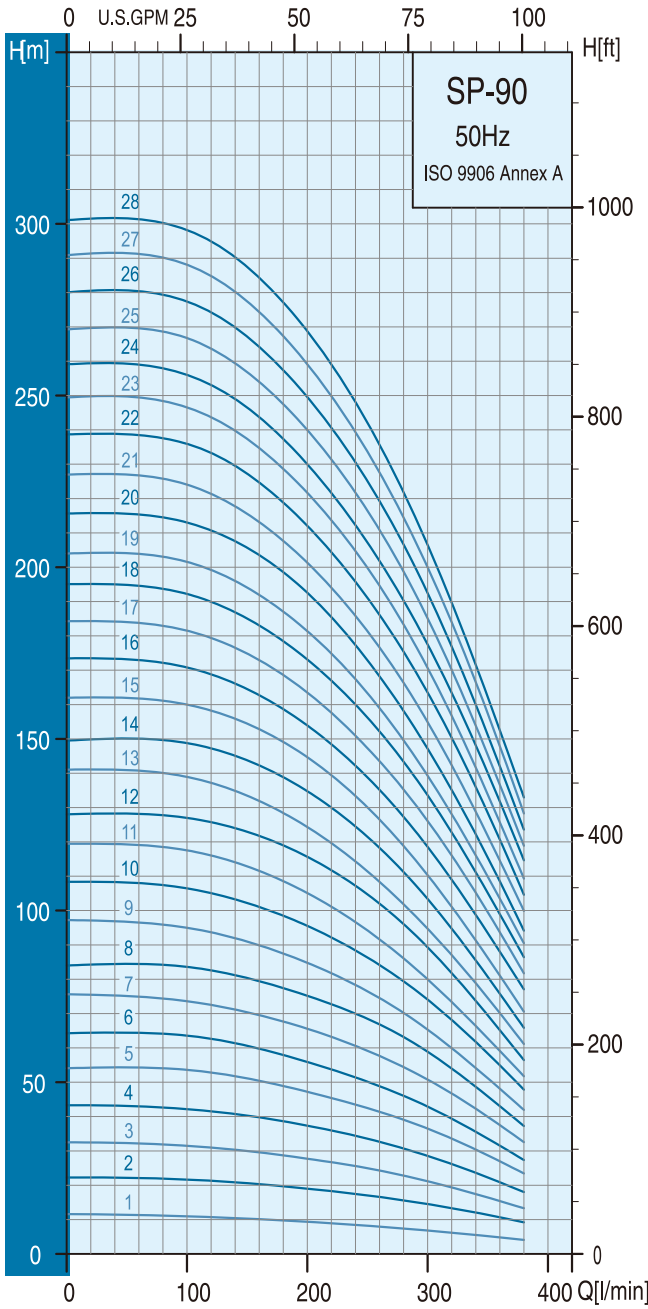
### Dimensions and Weights

Pump Type	Motor Dia.	Dimensions (mm)				Net Weight (kg)
		A	B	C*	C**	
SP 90-1	4"	343	Rp 2 1/2"	131	—	5
SP 90-2	4"	403		131	—	6
SP 90-3	4"	464		131	—	8
SP 90-4	4"	524		131	—	9
SP 90-5	4"	566		131	—	11
SP 90-6	4"	626		131	—	12
SP 90-7	4"	687		131	—	14
SP 90-8	4"	747		131	—	15
SP 90-9	4"	808		131	—	17
SP 90-10	4"	867		131	—	18
SP 90-11	6"	948		142	142	19
SP 90-12	6"	1008		142	142	21
SP 90-13	6"	1069		142	142	22
SP 90-14	6"	1129		142	142	24
SP 90-15	6"	1190		142	142	25
SP 90-16	6"	1250		142	142	27
SP 90-17	6"	1311		142	142	28
SP 90-18	6"	1371		142	142	30
SP 90-19	6"	1432		142	142	31
SP 90-20	6"	1492		142	142	33
SP 90-21	6"	1553		142	142	34
SP 90-22	6"	1613		142	142	35
SP 90-23	6"	1674		142	142	37
SP 90-24	6"	1734		142	142	38
SP 90-25	6"	1795		142	142	40
SP 90-26	6"	1855		142	142	41
SP 90-27	6"	1916		142	142	43
SP 90-28	6"	1976		142	142	44



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

### Performance Curves



### Specifications

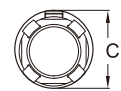
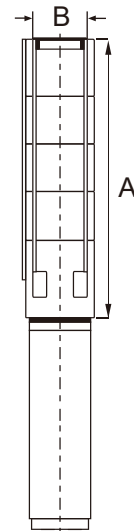
Pump Type	Motor		Q=DELIVERY 2850rpm								
	P2		l/min m <sup>3</sup> /h	50	100	150	200	250	300	350	383
	kW	HP		3.0	6.0	9.0	12.0	15.0	18.0	21.0	23.0
SP 90-29	18.5	25.0	H (m)	314.0	311.0	300.0	279.0	250.0	215.0	170.0	138.0
SP 90-30	18.5	25.0		324.0	319.0	307.0	287.5	260.0	222.0	175.0	143.5
SP 90-31	18.5	25.0		335.0	330.0	318.0	298.0	269.0	230.0	181.0	148.0
SP 90-32	18.5	25.0		345.0	340.5	328.0	306.5	277.0	237.0	186.5	153.0
SP 90-33	18.5	25.0		355.0	350.0	337.0	315.0	285.0	243.0	191.0	157.0
SP 90-34	18.5	25.0		368.5	363.5	350.0	327.5	296.0	253.0	198.5	162.0
SP 90-35	22.0	30.0		379.0	374.0	360.5	337.5	304.5	260.0	204.0	167.0
SP 90-36	22.0	30.0		390.0	385.0	371.0	348.0	313.0	268.0	210.0	170.0
SP 90-37	22.0	30.0		399.0	394.0	380.0	356.0	321.5	274.0	202.5	176.0
SP 90-38	22.0	30.0		410.0	405.0	390.0	365.0	330.0	281.0	222.0	180.0
SP 90-39	22.0	30.0		419.0	415.0	400.0	374.5	364.0	289.0	227.0	185.0
SP 90-40	22.0	30.0		433.0	428.0	412.0	384.0	346.0	296.0	235.0	190.0
▶ SP 90-43	26.0	35.0		460.0	455.0	439.5	413.5	377.0	326.0	256.5	207.0
▶ SP 90-45	26.0	35.0		489.0	483.0	466.0	438.0	399.5	346.0	271.0	216.5
▶ SP 90-48	26.0	35.0		515.0	510.0	494.0	467.0	427.5	370.5	290.0	230.5
▶ SP 90-51	30.0	40.0		551.0	545.5	527.0	496.0	451.5	390.0	305.5	245.0
▶ SP 90-53	30.0	40.0		573.0	567.0	548.0	515.0	469.0	405.0	317.0	254.0
▶ SP 90-55	37.0	50.0		594.5	588.5	568.5	534.0	486.0	420.0	328.5	263.5
▶ SP 90-58	37.0	50.0		627.0	620.5	600.0	563.0	512.0	442.0	346.0	277.5
▶ SP 90-60	37.0	50.0		648.5	642.0	620.0	582.0	529.0	456.5	357.0	287.0

\*Higher pressure , longer stages pumps up to 60 stages are available on request.

▶ With Sleeve

### Dimensions and Weights

Pump Type	Motor Dia.	Dimensions (mm)				Net Weight (kg)	
		A	B	C*	C**		
SP 90-29	6"	2037	Rp 2 1/2"	142	142	46	
SP 90-30	6"	2097		142	142	47	
SP 90-31	6"	2158		142	142	49	
SP 90-32	6"	2218		142	142	50	
SP 90-33	6"	2279		142	142	51	
SP 90-34	6"	2339		142	142	53	
SP 90-35	6"	2400		142	142	54	
SP 90-36	6"	2460		142	142	56	
SP 90-37	6"	2521		142	142	57	
SP 90-38	6"	2581		142	142	59	
SP 90-39	6"	2642		Rp 3" NPT 3"	142	142	60
SP 90-40	6"	2702			142	142	62
▶ SP 90-43	6"	3255	178		181	122	
▶ SP 90-45	6"	3376	178		181	126	
▶ SP 90-48	6"	3558	178		181	133	
▶ SP 90-51	6"	3739	178		181	139	
▶ SP 90-53	6"	3860	178		181	143	
▶ SP 90-55	6"	3981	178	181	148		
▶ SP 90-58	6"	4163	178	181	154		
▶ SP 90-60	6"	4284	178	181	159		



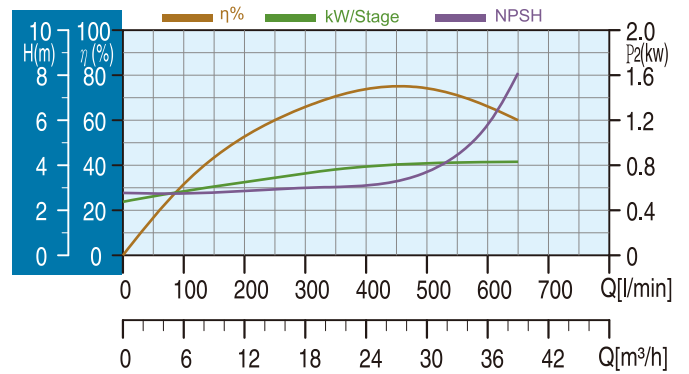
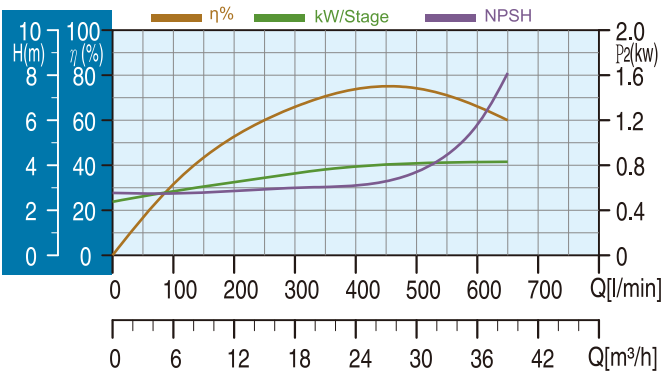
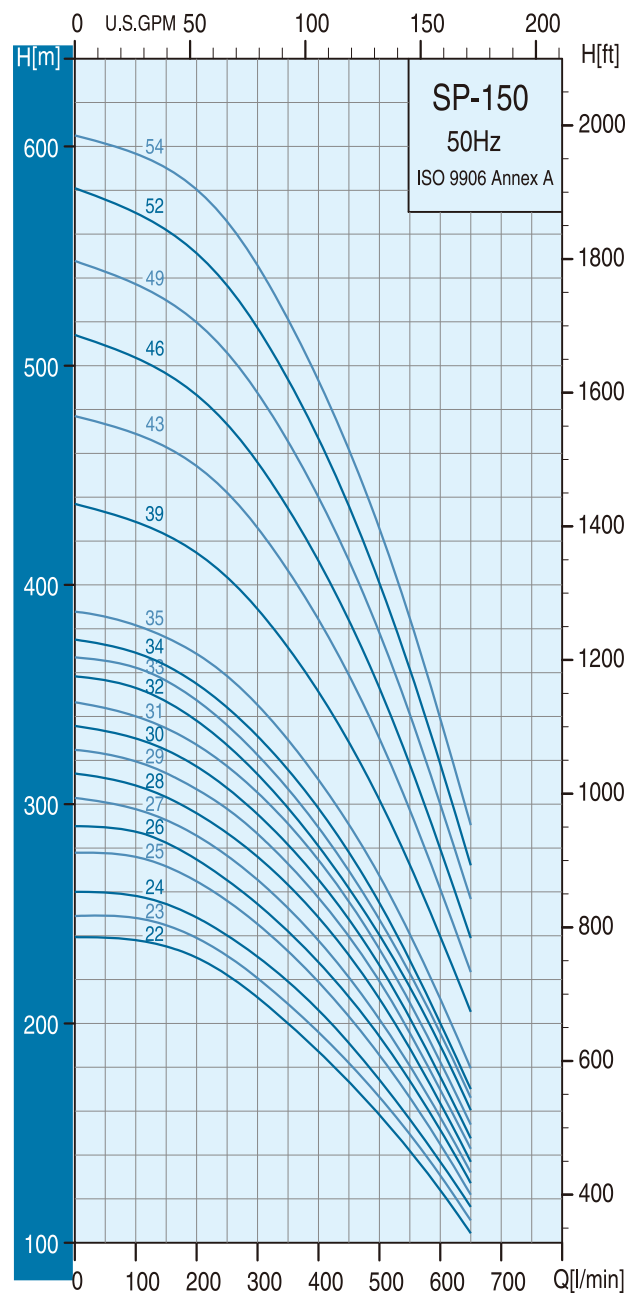
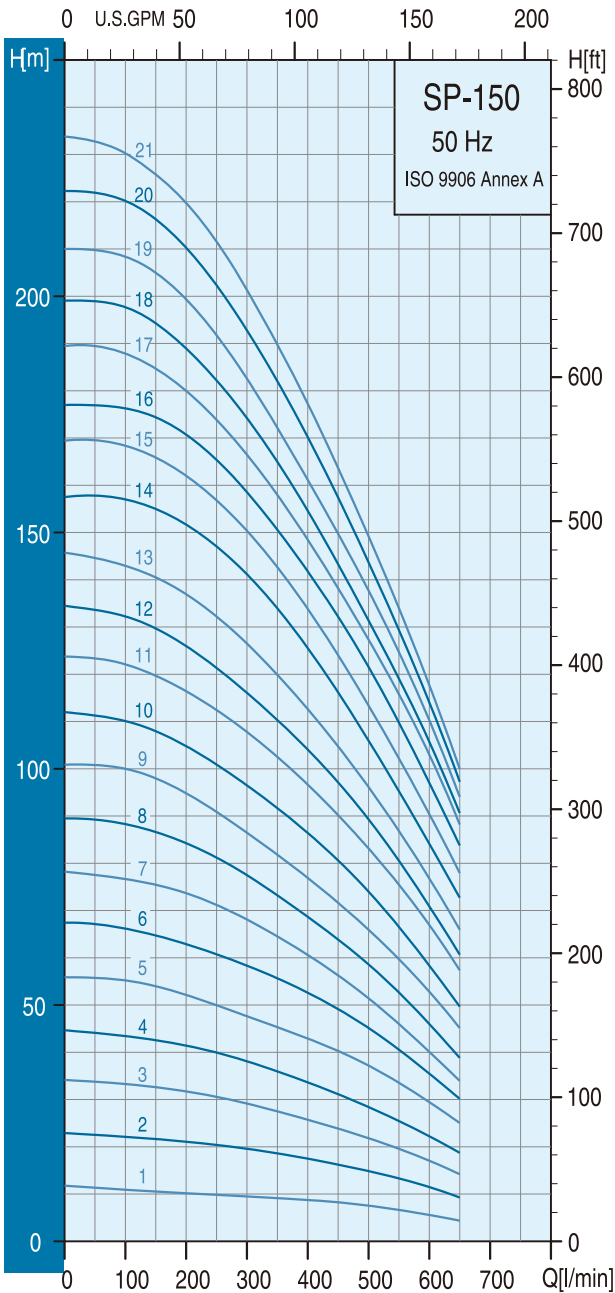
C\* : Maximum diameter of pump with one motor cable

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

SP 90-43 to SP 90-60 are mounted in sleeve for R 3 connection

▶ With Sleeve

### Performance Curves

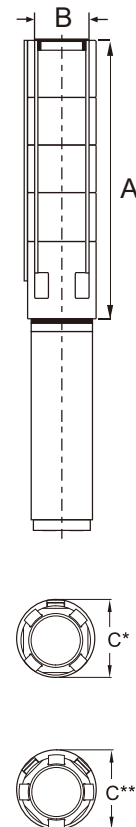


### Specifications

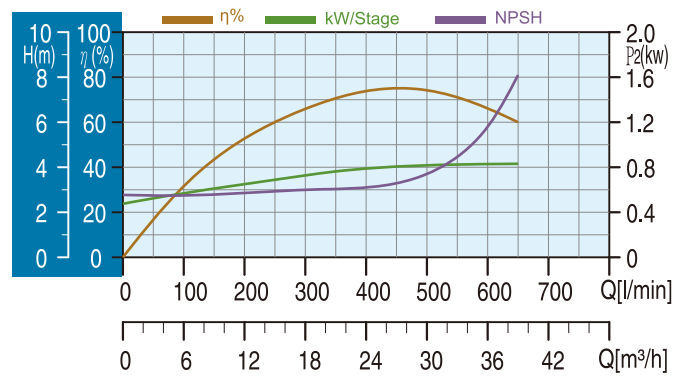
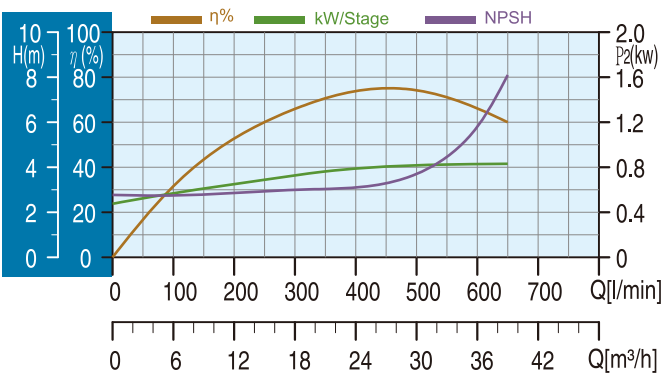
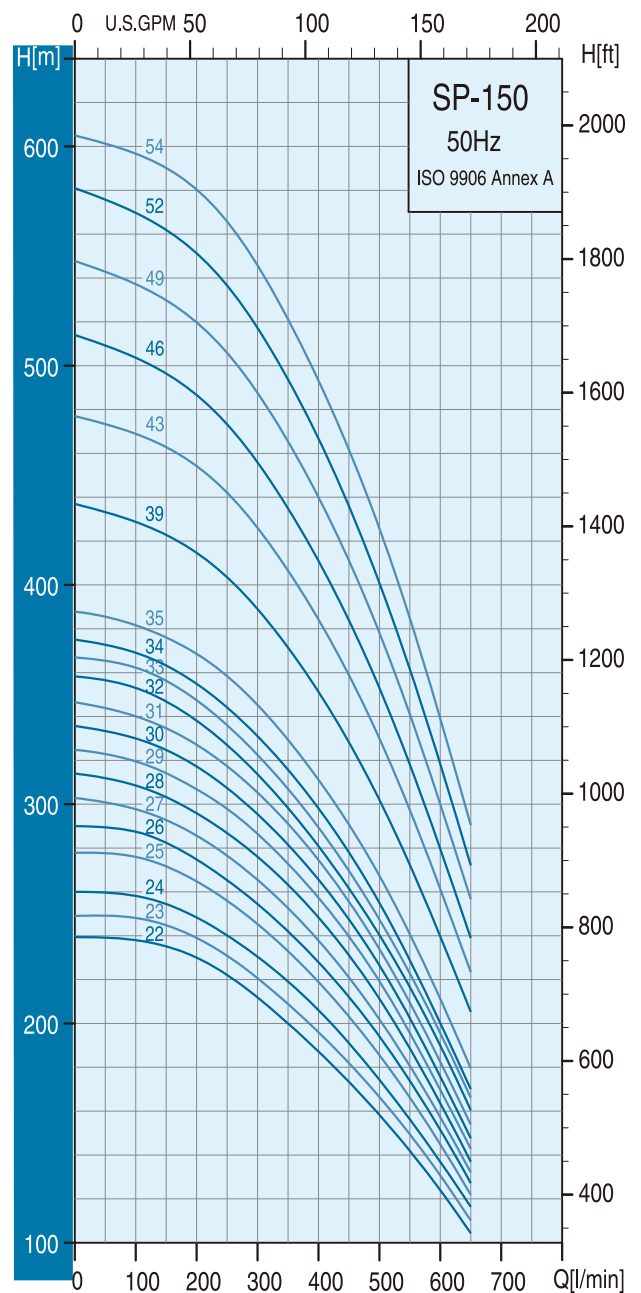
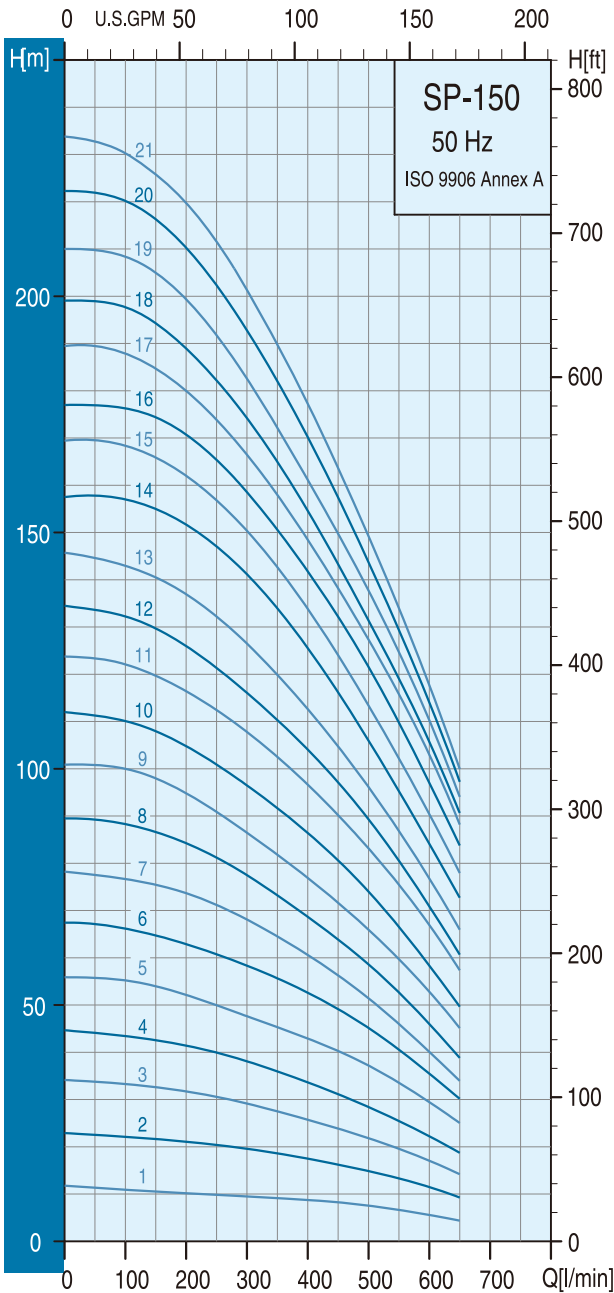
Pump Type	Motor		l/min m <sup>3</sup> /h	Q=DELIVERY 2850rpm											
	P <sub>2</sub>			100	150	200	250	300	350	400	450	500	550	600	650
	kW	HP		6.0	9.0	12.0	15.0	18.0	21.0	24.0	27.0	30.0	33.0	36.0	39.0
SP 150-1	1.1	1.5	H (m)	11.0	10.5	10.0	10.0	9.5	9.0	8.5	8.0	7.5	6.5	5.5	4.5
SP 150-2	2.2	3.0		23.0	22.0	21.0	20.0	19.0	18.0	17.0	16.0	15.0	13.0	11.0	9.0
SP 150-3	3.0	4.0		33.0	32.0	31.0	30.0	29.0	28.0	26.0	24.0	22.0	20.0	17.0	14.0
SP 150-4	3.7	5.0		43.0	42.0	41.0	40.0	38.0	36.0	34.0	31.0	28.0	26.0	23.0	19.0
SP 150-5	5.5	7.5		55.0	54.0	52.0	50.0	47.5	45.0	43.0	40.0	37.0	33.5	29.0	25.0
SP 150-6	5.5	7.5		67.0	64.0	42.0	60.0	58.0	56.0	52.0	49.0	45.0	40.0	36.0	30.0
SP 150-7	7.5	10.0		76.5	75.5	73.5	71.0	68.0	64.5	60.5	56.0	52.0	46.0	40.0	34.0
SP 150-8	7.5	10.0		88.0	87.0	84.0	81.0	78.0	73.0	68.0	64.0	58.0	53.0	46.0	38.0
SP 150-9	9.3	12.5		100.0	98.0	95.0	91.0	86.5	81.5	77.0	71.5	66.0	59.5	52.5	45.0
SP 150-10	9.3	12.5		110.0	108.0	105.0	101.0	96.5	91.5	86.0	80.5	74.0	66.5	58.0	49.5
SP 150-11	11.0	15.0		122.0	120.0	117.0	112.0	108.0	102.0	97.0	90.0	83.0	76.0	67.0	57.0
SP 150-12	11.0	15.0		132.0	129.5	126.0	121.0	116.0	110.0	104.0	97.0	89.0	80.5	70.5	60.5
SP 150-13	11.0	15.0		143.0	140.0	137.0	132.0	127.0	120.0	113.0	105.0	97.0	87.0	77.0	66.0
SP 150-14	13.0	17.5		157.0	155.0	151.5	147.0	141.0	134.0	125.5	116.0	108.0	95.0	84.0	72.5
SP 150-15	15.0	20.0		168.0	166.0	162.0	157.0	150.0	142.0	134.0	124.0	113.0	102.0	90.0	77.0
SP 150-16	15.0	20.0		176.0	174.0	170.5	165.0	158.5	150.5	141.5	132.0	122.0	109.5	97.0	83.5
SP 150-17	15.0	20.0		188.0	185.0	180.0	173.0	167.0	158.0	148.0	138.0	127.0	116.0	103.0	88.0
SP 150-18	18.5	25.0		197.5	194.0	189.0	182.0	174.0	165.0	154.5	143.0	130.0	119.0	105.5	90.0
SP 150-19	18.5	25.0		208.0	205.0	199.0	192.0	182.0	172.0	161.0	150.0	137.0	125.0	110.0	94.0
SP 150-20	18.5	25.0		220.0	216.0	210.0	202.0	193.0	182.0	170.0	157.0	144.0	129.0	114.0	97.0
SP 150-21	18.5	25.0		230.0	226.0	220.0	212.0	202.0	190.0	177.0	164.0	149.0	134.0	117.0	100.0

### Dimensions and Weights

Pump Type	Motor Dia.	Dimensions (mm)				Net Weight (kg)
		A	B	C*	C**	
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



### Specifications

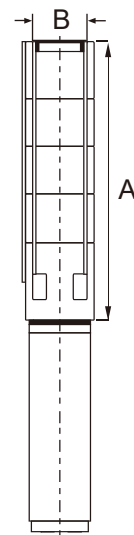
Pump Type	Motor		Q=DELIVERY 2850rpm												
	P <sub>2</sub>		l/min m <sup>3</sup> /h	100	150	200	250	300	350	400	450	500	550	600	650
	kW	HP		6.0	9.0	12.0	15.0	18.0	21.0	24.0	27.0	30.0	33.0	36.0	39.0
SP 150-22	22.0	30.0	H (m)	238.0	235.0	230.0	222.0	212.0	200.0	187.0	173.0	159.0	142.0	123.5	104.0
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		362.0	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	315.5	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

\*Higher pressure , longer stages pumps up to 54 stages are available on request.

▶ With Sleeve

### Dimensions and Weights

Pump Type	Motor Dia.	Dimensions (mm)				Net Weight (kg)
		A	B	C*	C**	
SP 150-22	6"	2382	Rp 3" NPT 3"	142	142	42.3
SP 150-23	6"	2478		142	142	44.0
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	49.0
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	142.0
▶ 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	220.0



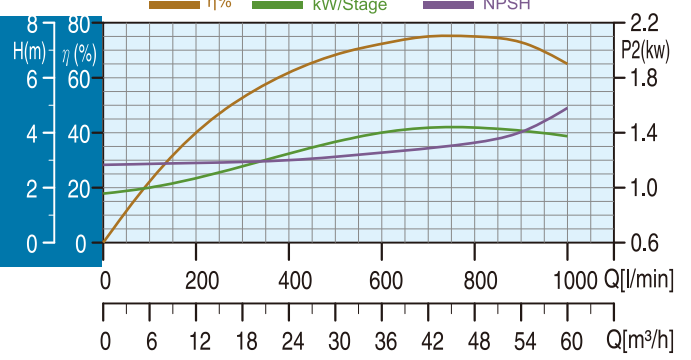
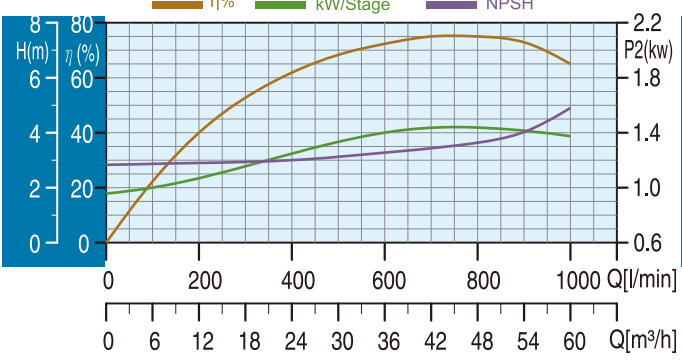
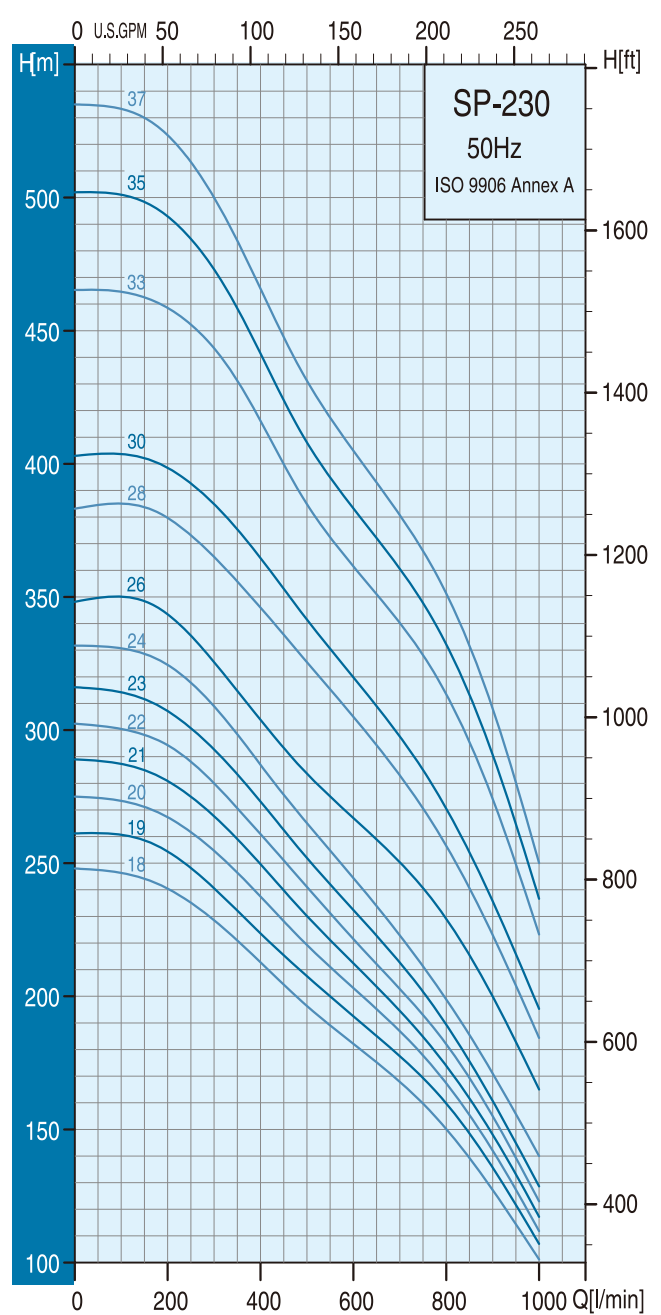
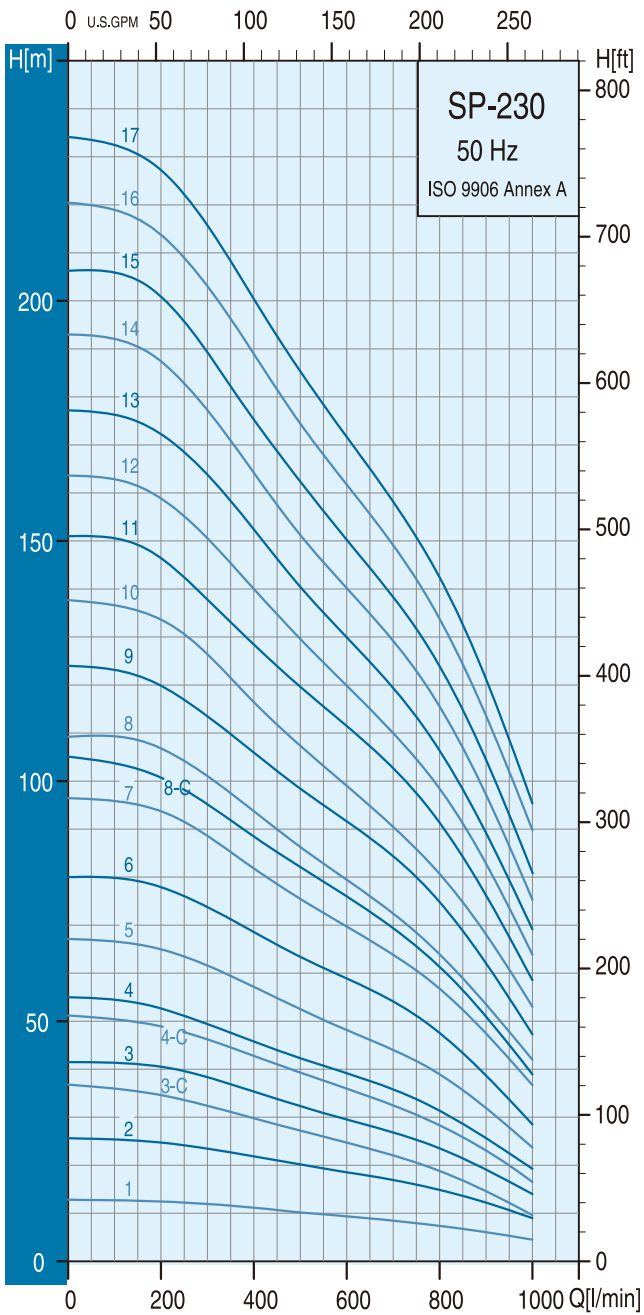
C\* : Maximum diameter of pump with one motor cable

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

SP 150-39 to SP 150-54 are mounted in sleeve for R 3 connection

▶ With Sleeve

### Performance Curves



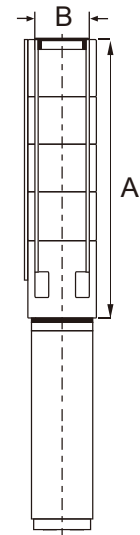


### Specifications

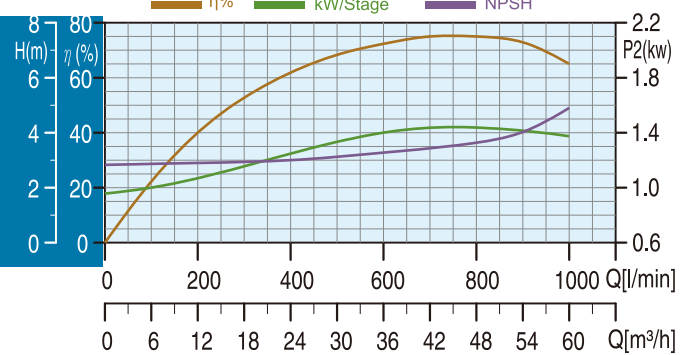
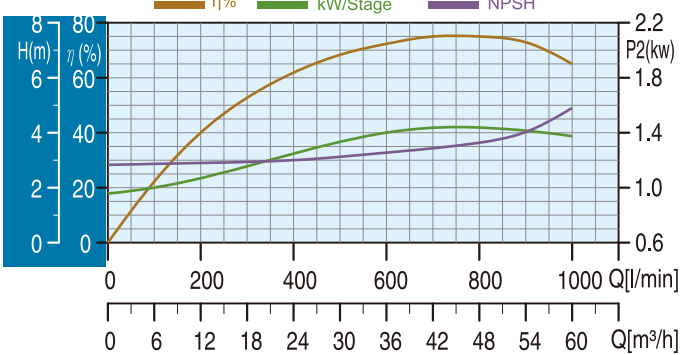
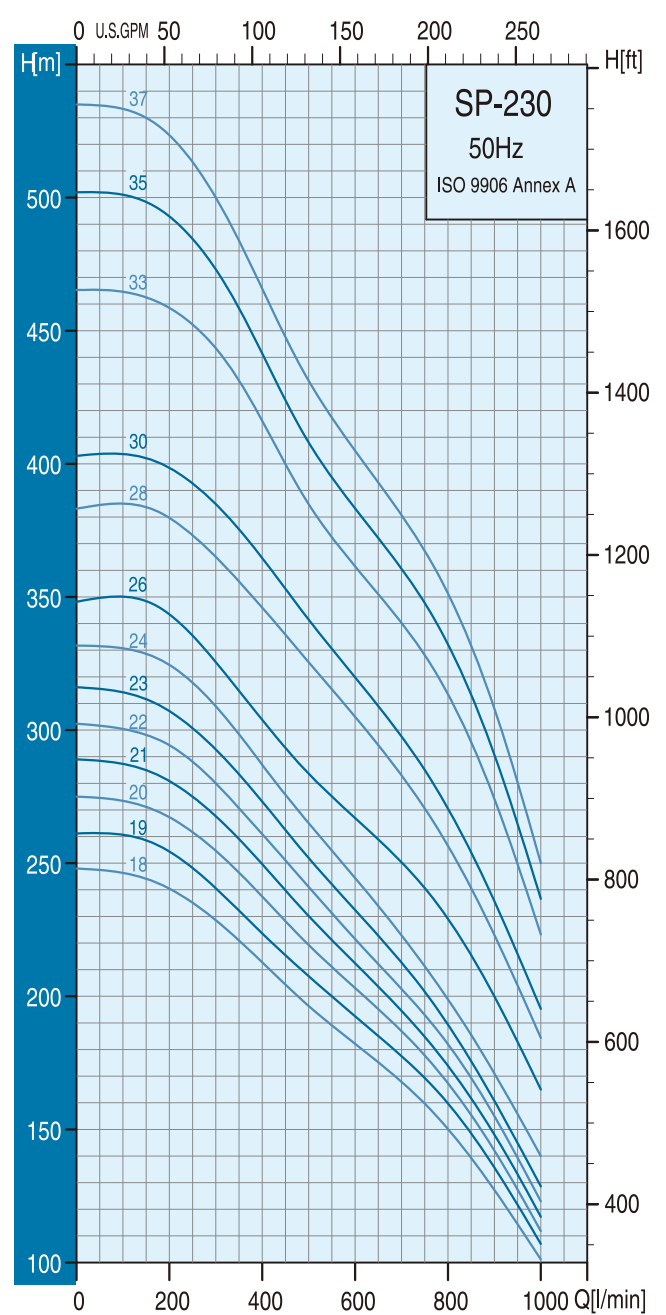
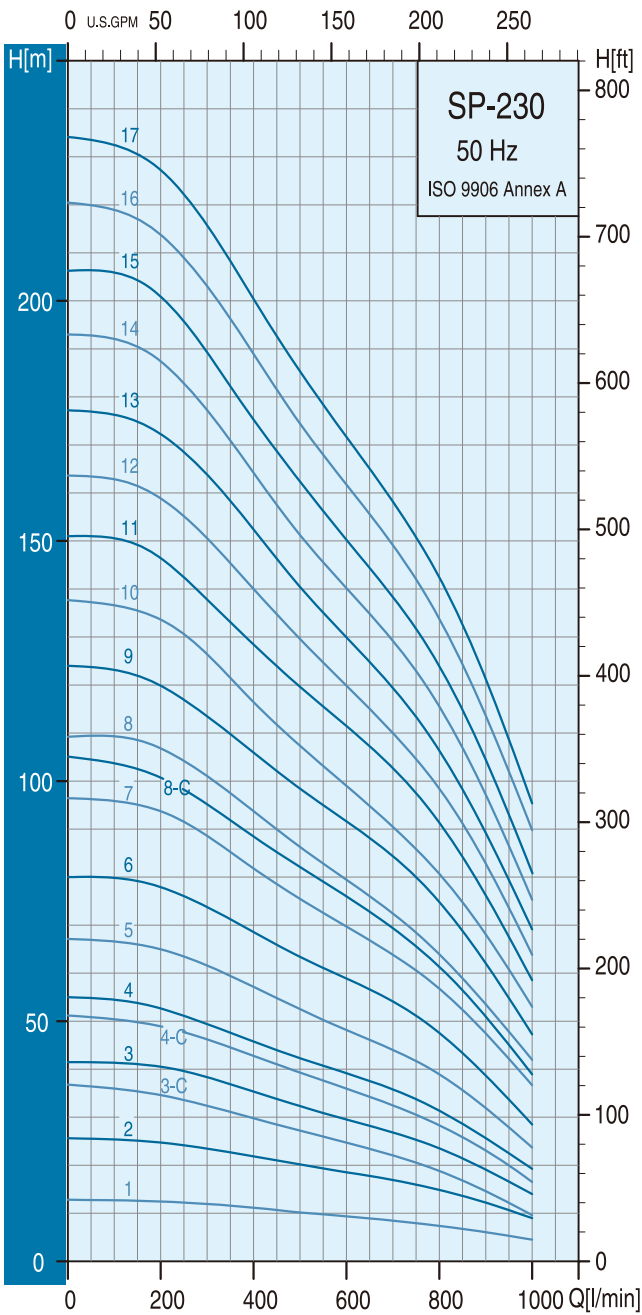
Pump Type	Motor		l/min m <sup>3</sup> /h	Q=DELIVERY 2850rpm											
	P <sub>2</sub>			200	250	300	350	400	450	500	600	700	800	900	1000
	kW	HP		12.0	15.0	18.0	21.0	24.0	27.0	30.0	36.0	42.0	48.0	54.0	60.0
SP 230-1	2.2	3.0	H (m)	12.5	12.5	12.0	11.5	11.0	10.5	10.0	9.0	8.5	7.5	6.0	4.5
SP 230-2	3.0	4.0		24.0	23.5	23.0	22.5	22.0	21.0	20.0	18.0	17.0	15.0	12.0	9.0
SP 230-3C	3.7	5.0		35.0	34.0	32.0	31.0	29.0	28.0	27.0	24.0	22.0	19.0	14.0	10.0
SP 230-3	5.5	7.5		40.0	39.0	38.0	37.0	35.0	34.0	33.0	29.0	27.0	23.0	18.0	24.0
SP 230-4C	5.5	7.5		49.0	47.0	46.0	45.0	43.0	41.0	39.0	36.0	32.0	28.0	23.0	17.0
SP 230-4	7.5	10.0		52.5	51.0	49.0	47.5	45.5	44.0	42.0	39.0	36.0	31.0	25.5	19.0
SP 230-5	7.5	10.0		65.0	63.0	61.0	59.0	57.0	55.0	53.0	48.0	44.0	39.0	32.0	24.0
SP 230-6	9.3	12.5		78.0	76.0	73.5	71.0	68.5	66.0	63.0	59.0	54.0	47.5	38.5	28.5
SP 230-7	11.0	15.0		94.0	92.0	88.0	85.0	82.0	79.0	76.0	70.0	64.0	57.0	47.0	37.0
SP 230-8C	11.0	15.0		100.0	98.0	95.0	92.0	88.0	85.0	82.0	76.0	69.0	61.0	51.0	39.0
SP 230-8	13.0	17.5		106.5	104.0	101.0	97.0	93.5	90.0	86.0	79.0	72.5	64.0	53.5	42.0
SP 230-9	15.0	20.0		120.0	117.0	113.5	109.5	106.0	102.0	98.0	91.5	84.5	74.5	61.5	47.0
SP 230-10	15.0	20.0		133.0	130.0	127.0	122.0	117.0	112.0	107.0	98.0	90.0	80.0	67.0	53.0
SP 230-11	18.5	25.0		146.0	142.0	138.0	133.0	128.0	124.0	119.5	111.5	103.0	91.0	76.0	58.5
SP 230-12	18.5	25.0		158.0	155.0	150.0	145.0	140.0	135.0	130.0	120.0	110.0	98.0	83.0	64.0
SP 230-13	22.0	30.0		172.0	168.5	164.0	158.0	152.0	146.0	140.0	130.0	119.5	106.0	88.5	69.0
SP 230-14	22.0	30.0		187.0	183.0	177.0	171.0	164.0	157.5	151.0	140.0	129.0	115.0	96.5	75.0
SP 230-15	22.0	30.0	200.0	195.0	189.0	183.0	176.0	169.0	163.0	150.0	138.0	124.0	103.0	81.0	
SP 230-16	26.0	35.0	213.5	209.0	203.0	196.0	189.0	181.5	174.0	161.5	149.0	133.5	113.0	90.0	
SP 230-17	26.0	35.0	227.0	222.0	215.0	208.0	200.0	193.0	186.0	172.0	158.0	143.0	121.0	96.0	

### Dimensions and Weights

Pump Type	Motor Dia.	Dimensions (mm)				Net Weight (kg)	
		A	B	C*	C**		
SP 230-1	4"	383	Rp 3" NPT 3"	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	16.0	
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		Rp 4" NPT 4"	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	32.0
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



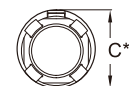
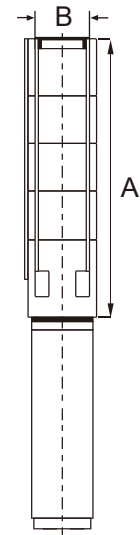
### Specifications

Pump Type	Motor		Q=DELIVERY 2850rpm												
	P <sub>2</sub>		l/min	200	250	300	350	400	450	500	600	700	800	900	1000
	kW	HP	m <sup>3</sup> /h	12.0	15.0	18.0	21.0	24.0	27.0	30.0	36.0	42.0	48.0	54.0	60.0
SP 230-18	30.0	40.0	H (m)	240.0	235.0	228.5	221.0	212.5	204.0	196.0	182.0	168.0	150.0	127.0	101.0
SP 230-19	30.0	40.0		254.0	248.0	241.0	233.0	224.0	216.0	208.0	193.0	178.0	160.0	136.0	107.0
SP 230-20	30.0	40.0		267.0	261.5	254.5	246.0	237.5	228.0	219.0	203.0	187.0	167.0	142.0	111.5
SP 230-21	37.0	50.0		280.0	275.0	267.5	259.0	249.5	239.5	230.0	212.0	194.5	174.0	148.0	117.0
SP 230-22	37.0	50.0		294.0	288.0	280.0	270.0	260.0	251.0	241.0	222.0	203.0	183.0	155.0	123.0
SP 230-23	37.0	50.0		307.0	300.5	292.5	283.0	273.0	262.0	252.0	232.0	212.5	189.0	160.5	128.5
SP 230-24	37.0	50.0		325.0	317.0	309.0	298.0	287.0	276.0	265.0	244.0	223.0	199.0	171.0	140.0
▶ SP 230-26	45.0	60.0		343.0	334.5	324.0	313.0	302.0	292.0	283.0	267.0	251.0	229.5	200.0	165.0
▶ SP 230-28	45.0	60.0		379.5	373.0	365.0	356.0	346.0	336.0	325.5	305.0	283.0	256.5	223.0	184.0
▶ SP 230-30	45.0	60.0		398.0	392.5	385.0	375.0	364.5	353.0	341.5	320.0	297.5	270.5	235.5	195.0
▶ SP 230-33	55.0	75.0		458.5	452.0	443.0	431.0	416.0	400.0	385.0	361.5	340.0	313.0	274.0	223.0
▶ SP 230-35	55.0	75.0		493.0	484.5	473.0	458.5	441.0	424.0	408.0	383.0	360.5	332.0	290.5	236.5
▶ SP 230-37	63.0	85.0		523.0	513.0	500.0	484.0	466.0	447.5	431.0	405.0	381.0	351.0	308.0	250.0

\*Higher pressure , longer stages pumps up to 37 stages are available on request.  
 ▶With Sleeve

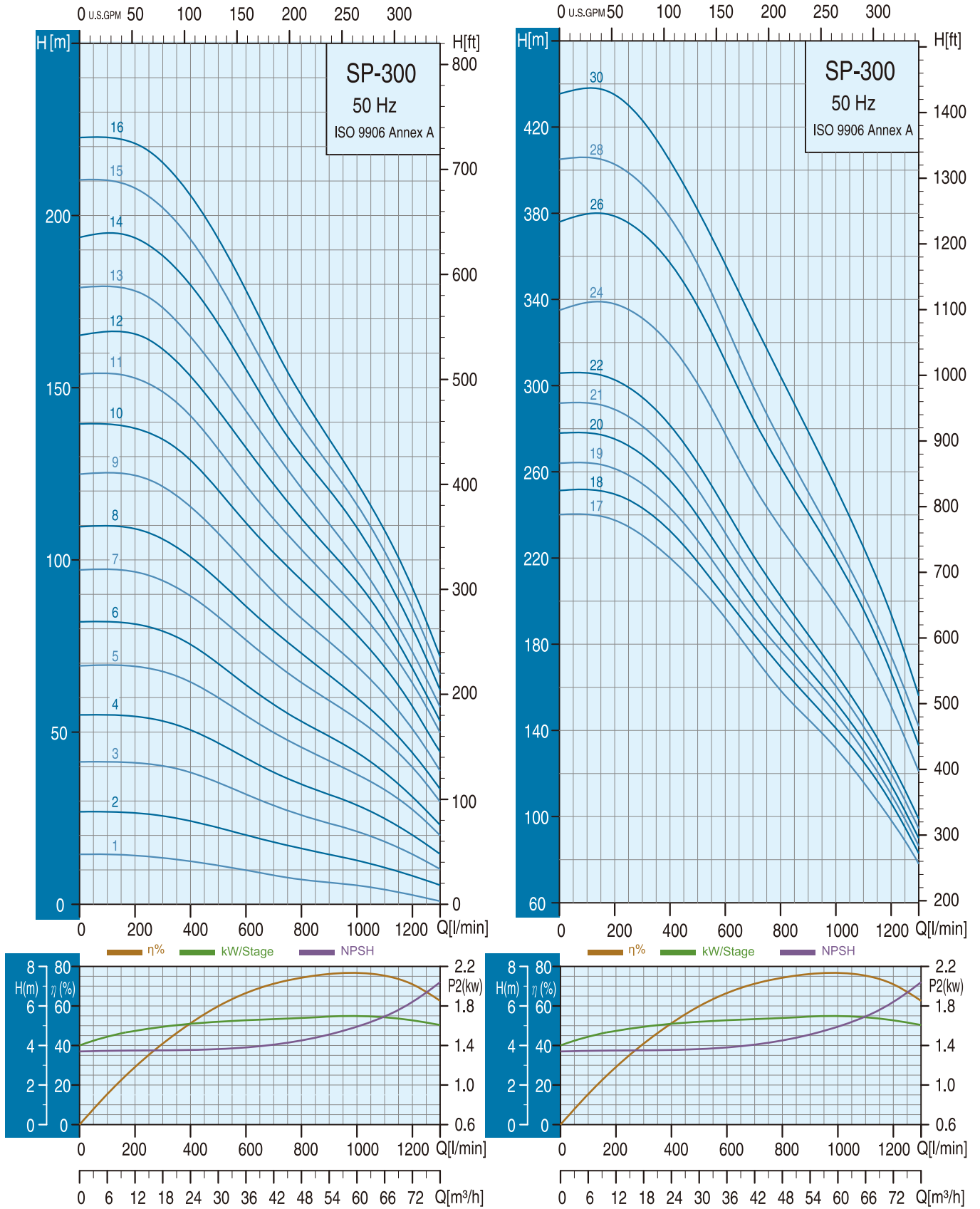
### Dimensions and Weights

Pump Type	Motor Dia.	Dimensions (mm)				Net Weight (kg)
		A	B	C*	C**	
SP 230-18	6"	2304	Rp 3" NPT 3"	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	Rp 4" NPT 4"	192	192	130.4
▶ SP 230-28	8"	3763	192	192	137.9	
▶ SP 230-30	8"	3989	192	192	146.0	
▶ 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	174.0	



C\* : Maximum diameter of pump with one motor cable  
 C\*\* : Maximum diameter of pump with two motor cable  
 SP 230-26 to SP 230-37 are mounted in sleeve for R 4 connection  
 ▶With Sleeve

### Performance Curves



### Specifications

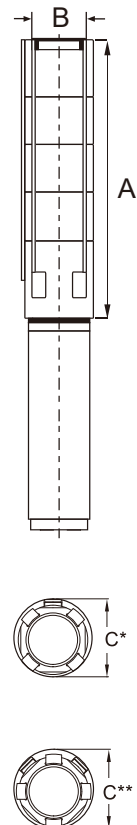
Pump Type	Motor		Q=DELIVERY 2850rpm													
	P <sub>2</sub>		l/min m <sup>3</sup> /h	300	350	400	450	500	600	700	800	900	1000	1100	1200	1300
	kW	HP		18.0	21.0	24.0	27.0	30.0	36.0	42.0	48.0	54.0	60.0	66.0	72.0	78.0
SP 300-1	2.2	3.0	H (m)	13.0	12.5	12.0	11.5	11.0	10.0	8.0	7.0	6.0	5.0	4.0	2.0	1.0
SP 300-2	3.7	5.0		26.0	25.0	24.0	23.0	22.0	20.0	18.0	16.0	14.0	13.0	11.0	8.0	5.0
SP 300-3	5.5	7.5		40.0	39.0	38.0	37.0	36.0	32.0	28.0	26.0	24.0	21.0	18.0	14.0	10.0
SP 300-4	7.5	10.0		53.0	52.0	51.0	48.0	47.0	43.0	38.0	35.0	32.0	28.0	25.0	20.0	14.0
SP 300-5	9.3	12.5		67.0	66.0	64.0	62.0	60.0	55.0	50.0	46.0	42.0	38.0	33.0	27.0	19.0
SP 300-6	11.0	15.0		79.0	78.0	76.0	73.0	70.0	64.0	58.0	53.0	48.0	44.0	38.0	32.0	23.0
SP 300-7	13.0	17.5		94.0	92.0	89.0	86.0	84.0	77.0	70.0	64.0	59.0	54.0	47.0	40.0	29.0
SP 300-8	15.0	20.0		106.0	104.0	101.0	97.0	94.0	87.0	80.0	73.0	67.0	60.0	53.0	44.0	33.0
SP 300-9	18.5	25.0		122.0	118.0	116.0	112.0	108.0	99.0	91.0	83.0	76.0	69.0	61.0	51.0	38.0
SP 300-10	18.5	25.0		135.0	132.0	128.0	125.0	120.0	111.0	102.0	95.0	87.0	78.0	68.0	57.0	45.0
SP 300-11	22.0	30.0		148.0	146.0	142.0	137.0	132.0	122.0	112.0	103.0	95.0	86.0	76.0	64.0	49.0
SP 300-12	22.0	30.0		162.0	157.0	153.0	148.0	143.0	133.0	122.0	112.0	103.0	94.0	83.0	68.0	53.0
SP 300-13	26.0	35.0		173.0	169.0	165.0	160.0	155.0	143.0	132.0	121.0	110.0	100.0	87.0	73.0	57.0
SP 300-14	26.0	35.0		188.0	184.0	180.0	175.0	168.0	156.0	142.0	130.0	120.0	109.0	96.0	80.0	63.0
SP 300-15	26.0	35.0		203.0	197.0	193.0	187.0	180.0	166.0	152.0	138.0	127.0	116.0	103.0	86.0	67.0
SP 300-16	30.0	40.0		216.0	211.0	206.0	200.0	193.0	178.0	162.0	148.0	135.0	123.0	108.0	92.0	72.0
SP 300-17	37.0	50.0		230.0	226.0	220.0	214.0	207.0	192.0	175.0	158.0	145.0	132.0	116.0	97.0	78.0
SP 300-18	37.0	50.0		243.0	238.0	233.0	226.0	218.0	202.0	185.0	170.0	155.0	141.0	126.0	107.0	83.0
SP 300-19	37.0	50.0		254.0	249.0	243.0	236.0	228.0	210.0	193.0	177.0	162.5	148.0	130.5	110.0	86.0
SP 300-20	37.0	50.0		267.0	263.0	256.0	248.0	239.0	220.0	201.0	184.0	168.0	153.0	136.0	115.0	90.0
SP 300-21	37.0	50.0		281.0	275.5	269.0	261.0	252.0	231.5	211.0	193.5	177.0	161.0	142.0	120.0	94.5
SP 300-22	37.0	50.0		294.5	288.5	281.5	273.0	264.0	243.0	221.0	202.0	184.0	166.5	147.0	125.0	99.0
SP 300-24	45.0	60.0		331.0	325.5	319.0	311.0	301.0	277.5	254.0	234.0	216.0	197.5	177.0	151.0	121.0
SP 300-26	55.0	75.0		371.0	364.5	357.0	348.0	337.0	311.5	285.0	262.0	241.0	220.0	196.0	167.0	133.0
SP 300-28	55.0	75.0		393.0	386.0	378.0	368.0	356.5	329.0	300.0	274.0	250.5	227.0	202.5	174.5	142.0
SP 300-30	55.0	75.0		423.0	414.5	404.0	393.0	381.0	356.0	330.0	304.0	279.0	253.0	225.0	194.0	156.0

\*Higher pressure , longer stages pumps up to 30 stages are available on request.

▶ With Sleeve

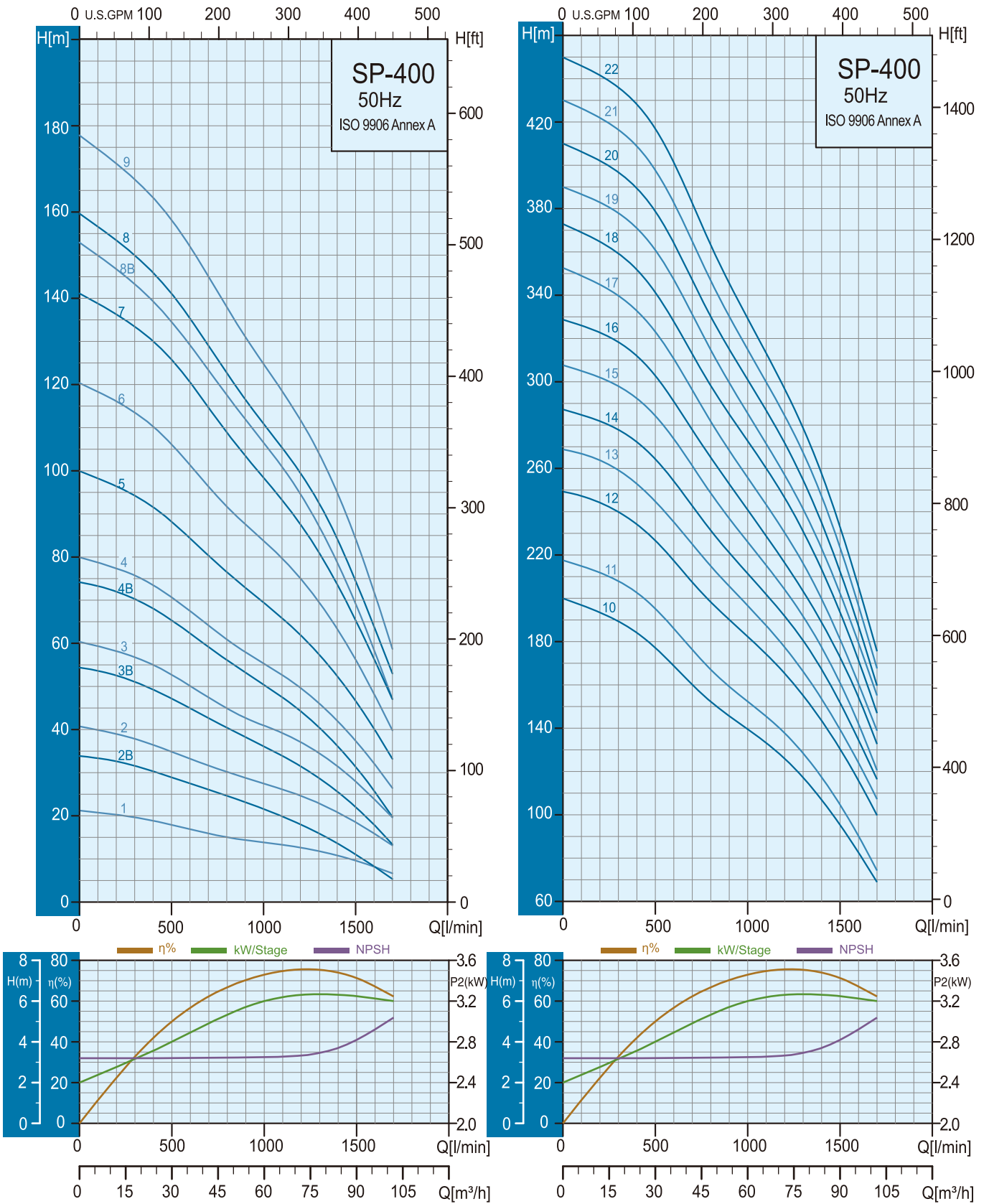
### Dimensions and Weights

Pump Type	Motor Dia.	Dimensions (mm)				Net Weight (kg)	
		A	B	C*	C**		
SP 300-1	4"	383	Rp 3" NPT 3"	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		Rp 4" NPT 4"	149	152	36.5
SP 300-15	6"	1965			149	152	38.8
SP 300-16	6"	2078	149		152	41.1	
SP 300-17	6"	2191	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	



C\* : Maximum diameter of pump with one motor cable  
 C\*\* : Maximum diameter of pump with two motor cable  
 SP 300-24 to SP 300-30 are mounted in sleeve for R 4 connection  
 ▶ With Sleeve

### Performance Curves



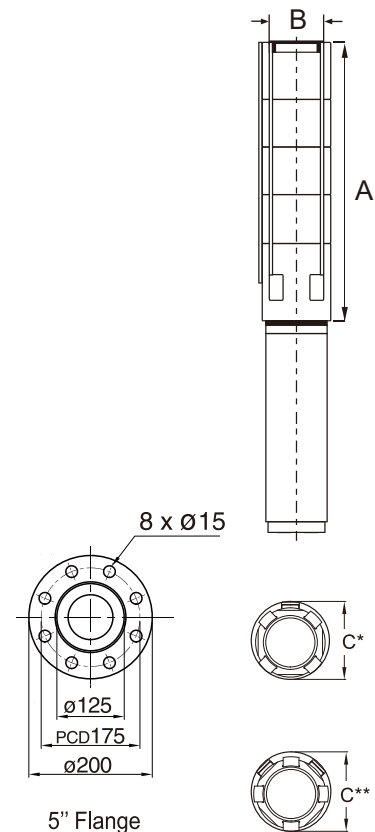
### Specifications

Pump Type	Motor		Q=DELIVERY 2850rpm												
	P <sub>2</sub>		l/min m <sup>3</sup> /h	200	300	400	500	600	700	800	900	1100	1300	1500	1700
	kW	HP		12.0	18.0	24.0	30.0	36.0	42.0	48.0	54.0	66.0	78.0	90.0	102.0
SP 400-1	5.5	7.5	H (m)	20.0	19.5	19.0	18.0	17.0	16.0	15.0	14.0	13.0	12.0	9.0	7.0
SP 400-2B	5.5	7.5		33.0	32.0	30.0	28.0	27.0	26.0	25.0	23.0	20.0	16.0	11.0	6.0
SP 400-2	7.5	10.0		38.0	37.0	36.0	35.0	33.0	32.0	30.0	28.0	26.0	23.0	18.0	13.0
SP 400-3B	9.3	12.5		53.0	51.0	49.0	47.0	45.0	43.0	40.0	38.0	34.0	28.0	22.0	13.0
SP 400-3	11.0	15.0		58.0	57.0	55.0	53.0	50.0	47.0	45.0	43.0	39.0	35.0	28.0	20.0
SP 400-4B	13.0	17.5		72.0	70.0	68.0	65.0	62.0	59.0	56.0	53.0	47.0	40.0	31.0	20.0
SP 400-4	15.0	20.0		77.0	76.0	74.0	71.0	67.0	64.0	61.0	58.0	53.0	46.0	37.0	27.0
SP 400-5	18.5	25.0		96.0	94.0	92.0	88.0	84.0	80.0	76.0	73.0	66.0	57.0	46.0	33.0
SP 400-6	22.0	30.0		116.0	113.0	110.0	106.0	101.0	96.0	92.0	88.0	80.0	70.0	56.0	40.0
SP 400-7	26.0	35.0		136.0	133.0	130.0	126.0	120.0	115.0	109.0	104.0	93.0	81.0	65.0	47.0
SP 400-8B	26.0	35.0		147.0	143.0	139.0	134.0	129.0	123.0	117.0	112.0	101.0	87.0	69.0	47.0
SP 400-8	30.0	40.0		153.0	150.0	146.0	141.0	135.0	129.0	123.0	117.0	105.0	93.0	75.0	53.0
SP 400-9	30.0	40.0		171.0	167.0	163.0	158.0	152.0	145.0	138.0	131.0	118.0	104.0	84.0	58.0
SP 400-10	37.0	50.0		193.0	188.0	183.0	177.0	168.0	160.0	152.0	145.0	132.0	117.0	94.0	68.0
SP 400-11	37.0	50.0		211.0	207.0	202.0	195.0	186.0	176.0	167.0	159.0	145.0	128.0	104.0	74.0
SP 400-12	45.0	60.0		244.0	240.0	234.0	227.0	217.0	207.0	198.0	190.0	173.0	154.0	130.0	99.0
SP 400-13	55.0	75.0		263.0	259.0	252.0	244.0	235.0	224.0	214.0	205.0	187.0	166.0	139.0	107.0
SP 400-14	55.0	75.0		281.5	277.5	272.0	264.0	253.5	242.0	231.0	220.5	201.0	180.0	151.0	115.5
SP 400-15	55.0	75.0		302.0	298.0	292.0	284.0	273.0	260.0	248.0	237.0	215.0	191.0	160.0	120.0
SP 400-16	63.0	85.0		322.0	318.0	312.0	302.0	290.0	278.0	265.0	252.0	228.0	202.0	172.0	132.0
SP 400-17	63.0	85.0		344.5	339.5	332.5	323.0	310.0	296.0	281.0	268.0	243.0	215.5	180.5	138.0
SP 400-18	63.0	85.0		365.0	359.0	352.0	341.0	328.0	312.0	298.0	285.0	260.0	230.0	193.0	147.0
SP 400-19	75.0	100.0	383.0	378.0	371.0	360.5	347.0	331.0	314.0	299.0	271.0	241.0	202.0	154.5	
SP 400-20	75.0	100.0	402.0	397.0	389.0	379.0	364.0	347.0	330.0	315.0	287.0	254.0	212.0	159.0	
SP 400-21	75.0	100.0	422.0	416.0	409.0	397.5	382.5	364.5	346.5	330.0	299.5	267.0	223.0	167.0	
SP 400-22	93.0	125.0	441.5	436.0	428.0	417.0	401.0	382.0	363.0	345.0	313.0	278.0	232.5	175.0	

\*Higher pressure , longer stages pumps up to 22 stages are available on request.

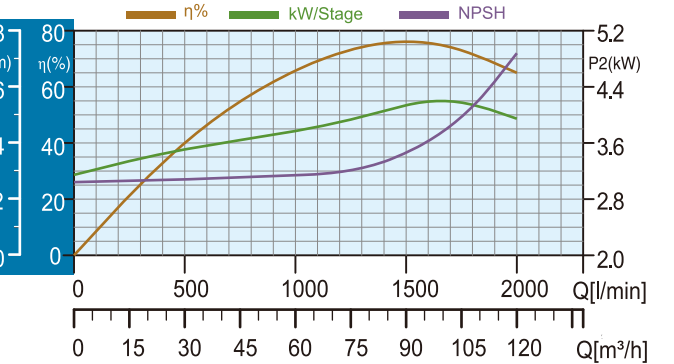
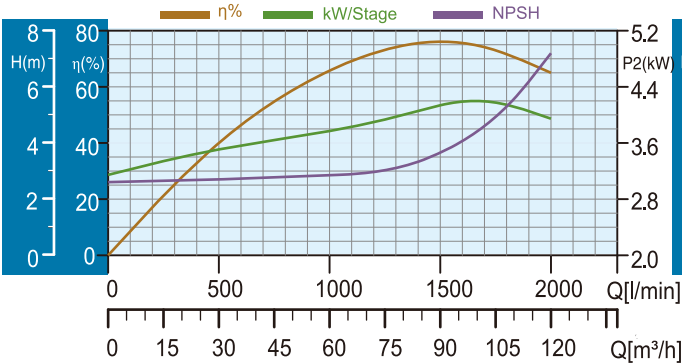
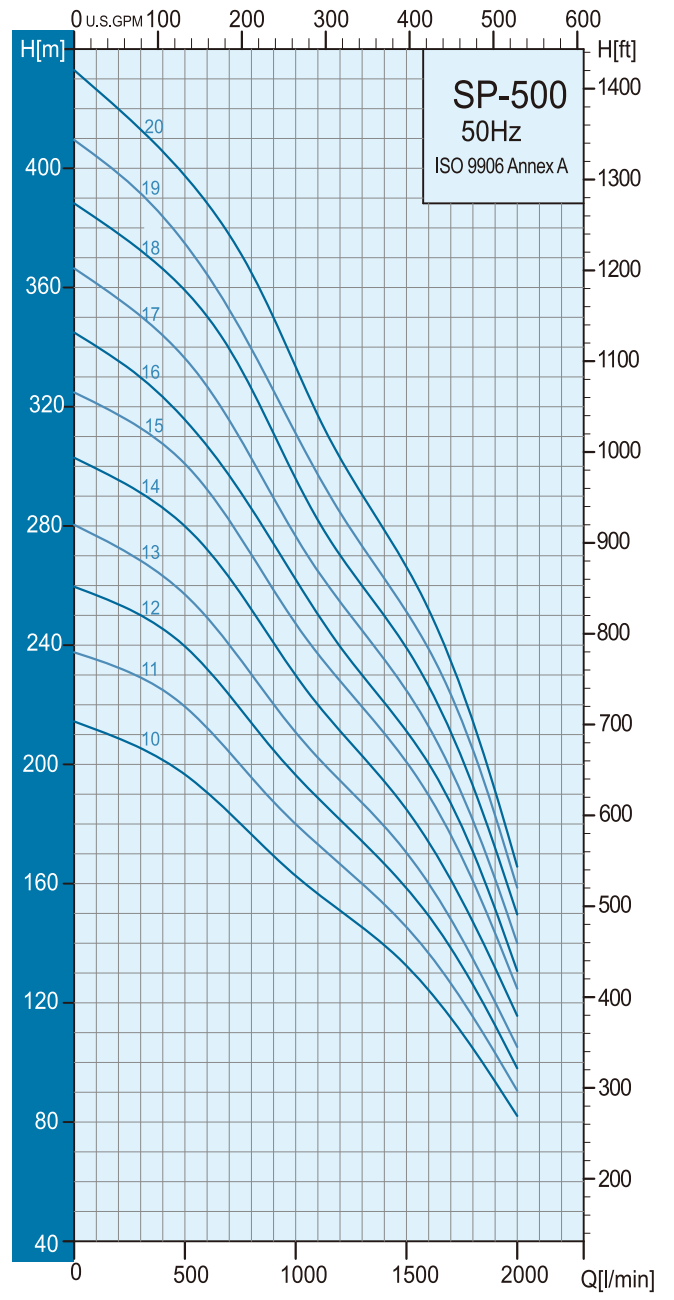
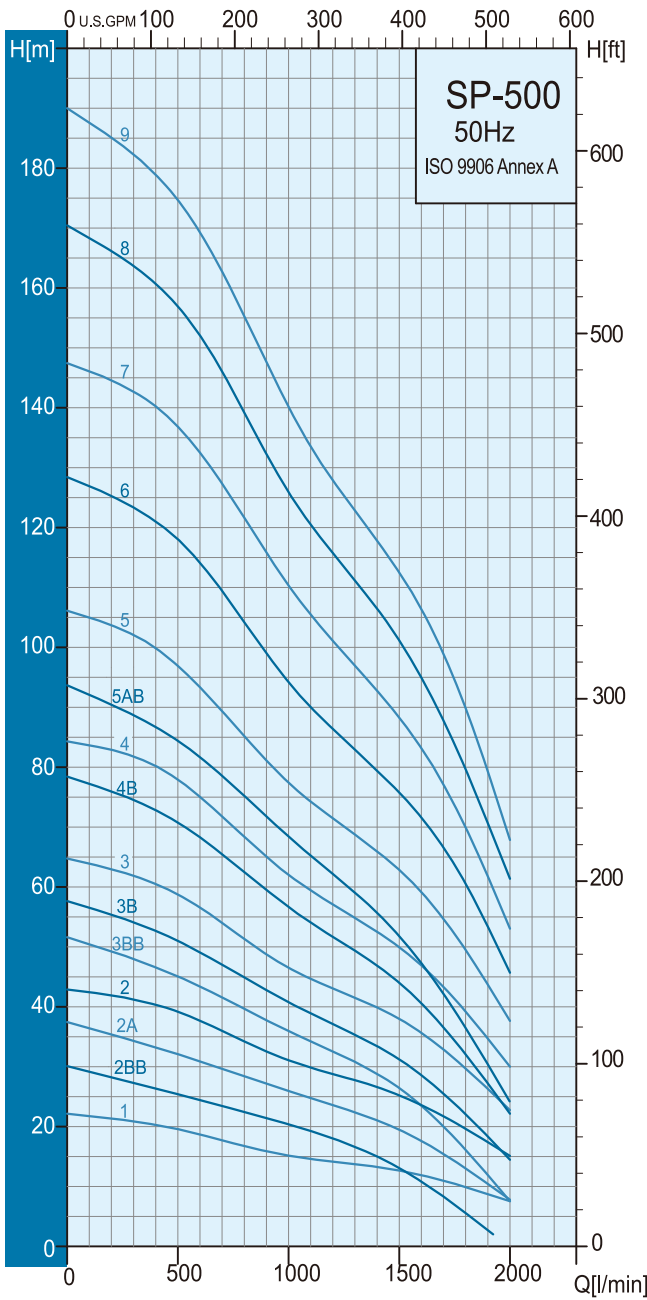
### Dimensions and Weights

Pump Type	Motor Dia.	Dimensions (mm)							Net Weight (kg)
		5" Connection				5" Flange			
		A	B	C*	C**	A	C*	C**	
SP 400-1	6"	618	Rp 5" NPT 5"	178	186	618	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	43.0
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
SP 400-10	6"	1772		178	186	1772	200	200	57.4
SP 400-11	6"	1900		178	186	1900	200	200	61.0
SP 400-12	8"	2039		200	204	2039	209	209	67.0
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	-	-	-	103.0	



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

### Performance Curves



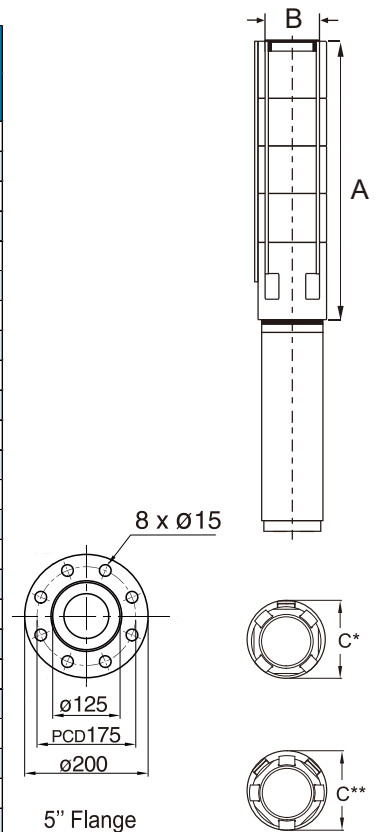


### Specifications

Pump Type	Motor		Q=DELIVERY 2850rpm												
	P <sub>2</sub>		l/min	300	400	500	600	700	800	1000	1200	1400	1600	1800	2000
	kW	HP	m <sup>3</sup> /h	18.0	24.0	30.0	36.0	42.0	48.0	60.0	72.0	84.0	96.0	108.0	120.0
SP 500-1	5.5	7.5	H (m)	21.0	20.0	19.0	18.0	17.5	17.0	15.0	14.0	13.0	12.0	10.0	8.0
SP 500-2BB	5.5	7.5		27.0	26.0	25.0	24.0	23.0	22.0	20.0	18.0	15.0	11.0	5.0	-
SP 500-2A	7.5	10.0		34.0	33.0	32.0	31.0	30.0	28.0	26.0	24.0	21.0	17.0	13.0	8.0
SP 500-2	9.3	12.5		41.0	40.0	39.0	37.0	36.0	34.0	31.0	29.0	26.0	23.0	20.0	15.0
SP 500-3BB	9.3	12.5		48.0	46.0	45.0	43.0	41.0	40.0	36.0	33.0	28.0	23.0	16.0	8.0
SP 500-3B	11.0	15.0		54.0	53.0	51.0	49.0	47.0	45.0	41.0	37.0	33.0	28.0	22.0	15.0
SP 500-3	13.0	17.5		62.0	60.0	59.0	57.0	54.0	51.0	47.0	43.0	40.0	35.0	30.0	23.0
SP 500-4B	15.0	20.0		74.0	73.0	71.0	68.0	65.0	62.0	56.0	52.0	47.0	40.0	32.0	22.0
SP 500-4	18.5	25.0		82.0	80.0	78.0	75.0	72.0	68.0	62.0	57.0	53.0	47.0	39.0	30.0
SP 500-5AB	18.5	25.0		89.0	87.0	84.0	82.0	78.0	75.0	68.0	62.0	55.0	47.0	36.0	25.0
SP 500-5	22.0	30.0		102.0	100.0	97.0	94.0	90.0	85.0	77.0	72.0	66.0	59.0	50.0	38.0
SP 500-6	26.0	35.0		123.0	121.0	118.0	114.0	110.0	104.0	94.0	86.0	79.0	72.0	60.0	46.0
SP 500-7	30.0	40.0		143.0	140.0	137.0	132.0	127.0	121.0	110.0	101.0	93.0	83.0	70.0	53.0
SP 500-8	37.0	50.0		164.0	160.0	157.0	152.0	146.0	139.0	126.0	116.0	106.0	95.0	80.0	62.0
SP 500-9	37.0	50.0		182.0	179.0	175.0	169.0	163.0	155.0	140.0	128.0	118.0	106.0	90.0	68.0
SP 500-10	45.0	60.0		206.0	201.0	197.0	190.0	183.0	177.0	162.0	150.0	140.0	124.0	105.0	82.0
SP 500-11	55.0	75.0		230.0	225.0	220.0	212.0	204.0	196.0	180.0	167.0	152.0	137.0	116.0	90.0
SP 500-12	55.0	75.0		250.0	245.0	240.0	231.0	222.0	214.0	197.0	181.0	167.0	150.0	126.0	99.0
SP 500-13	55.0	75.0		268.0	263.0	258.0	250.0	240.0	230.0	210.0	195.0	180.0	160.0	135.0	106.0
SP 500-14	63.0	85.0		291.0	286.0	280.0	271.0	261.0	251.0	230.0	210.0	194.0	174.0	147.0	116.0
SP 500-15	75.0	100.0	312.0	308.0	300.0	292.0	281.0	270.0	248.0	228.0	210.0	190.0	160.0	126.0	
SP 500-16	75.0	100.0	330.0	323.0	315.5	307.0	297.0	286.0	261.5	239.5	220.5	200.0	170.5	130.5	
SP 500-17	75.0	100.0	350.0	344.0	336.0	327.0	316.0	302.0	277.0	255.0	235.0	212.0	180.0	140.0	
SP 500-18	93.0	125.0	372.0	366.0	360.0	350.0	340.0	326.0	296.0	270.0	250.0	227.0	192.0	150.0	
SP 500-19	93.0	125.0	391.5	384.0	374.5	364.0	352.5	339.0	311.0	284.5	262.0	238.5	205.0	158.5	
SP 500-20	93.0	125.0	412.0	406.0	397.0	388.0	378.0	365.0	333.0	302.0	279.0	251.0	214.0	166.0	

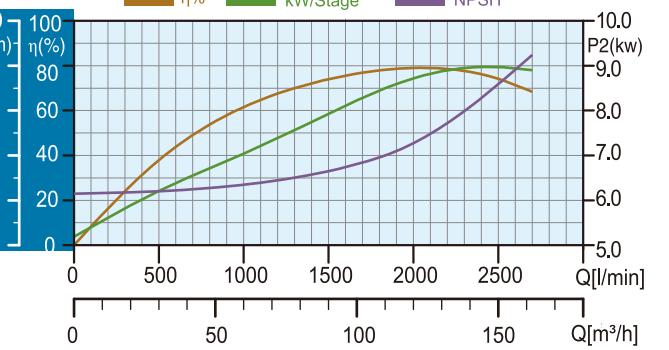
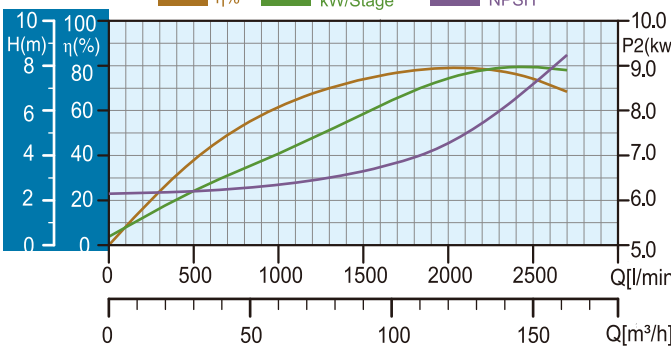
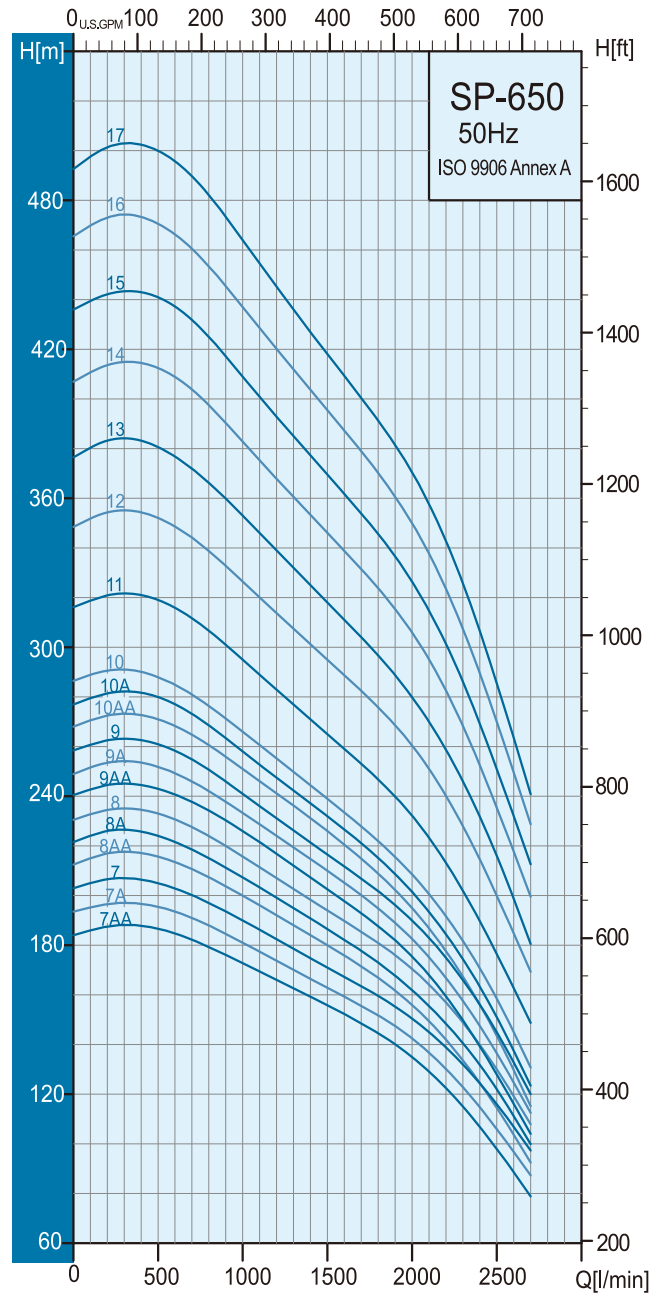
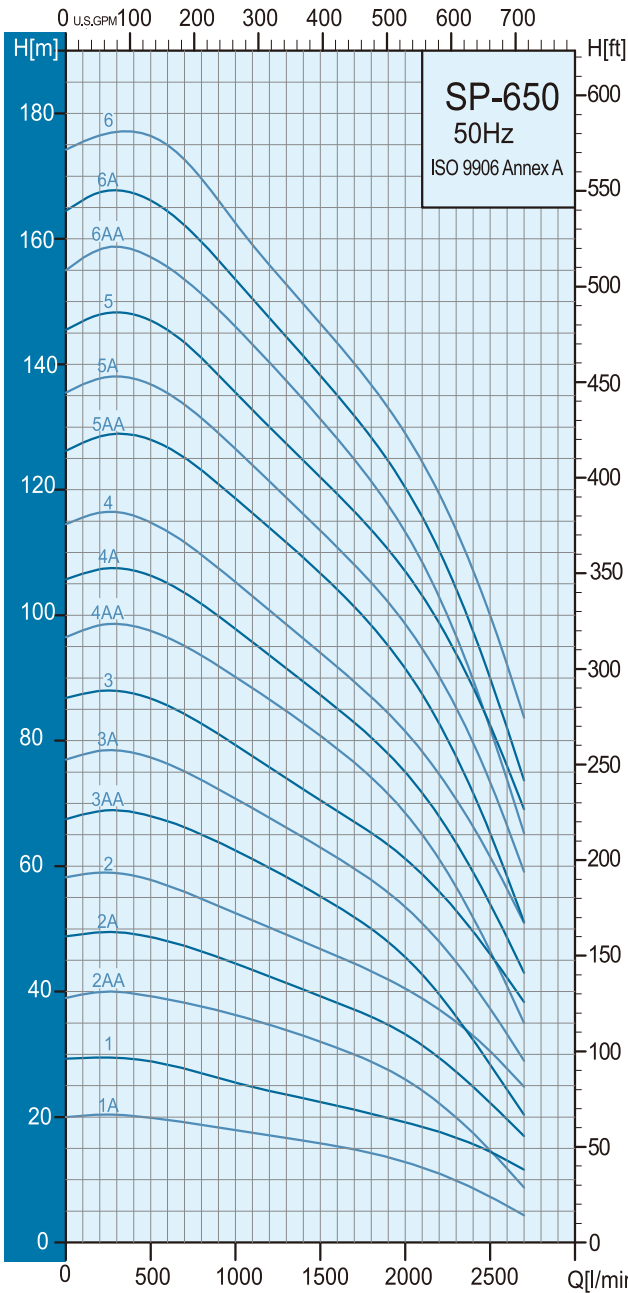
### Dimensions and Weights

Pump Type	Motor Dia.	Dimensions (mm)								Net Weight (kg)
		A	B	C*	C**	A	B	C*	C**	
SP 500-1	6"	618	5" Connection (Rp, NPT)	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	43.0
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
SP 500-10	8"	1783	196	204	1783	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	71.0		
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	-	-	-	89.0		
SP 500-19	8"	2937	196	204	-	-	-	92.6		
SP 500-20	8"	3065	196	204	-	-	-	96.2		



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

### Performance Curves

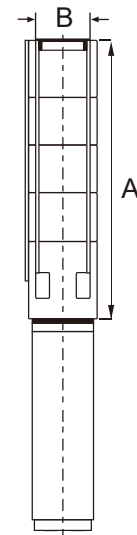


### Specifications

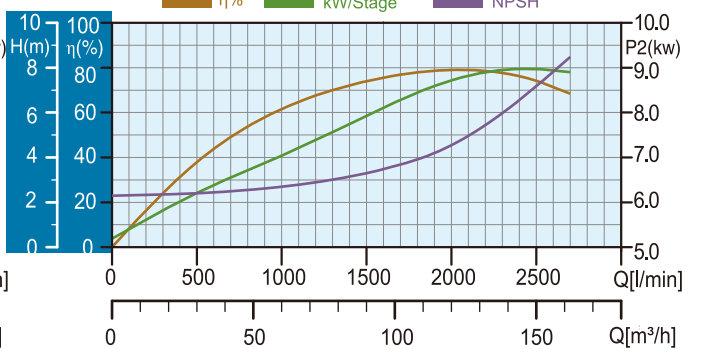
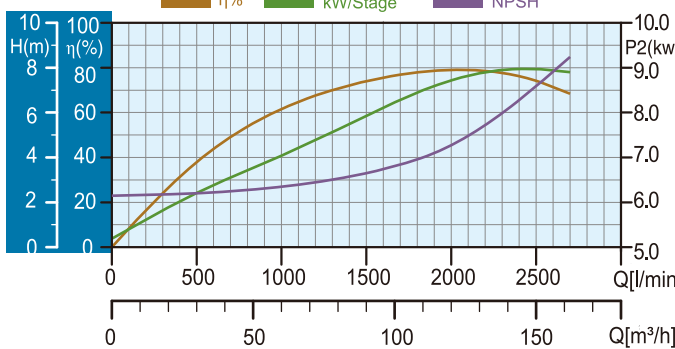
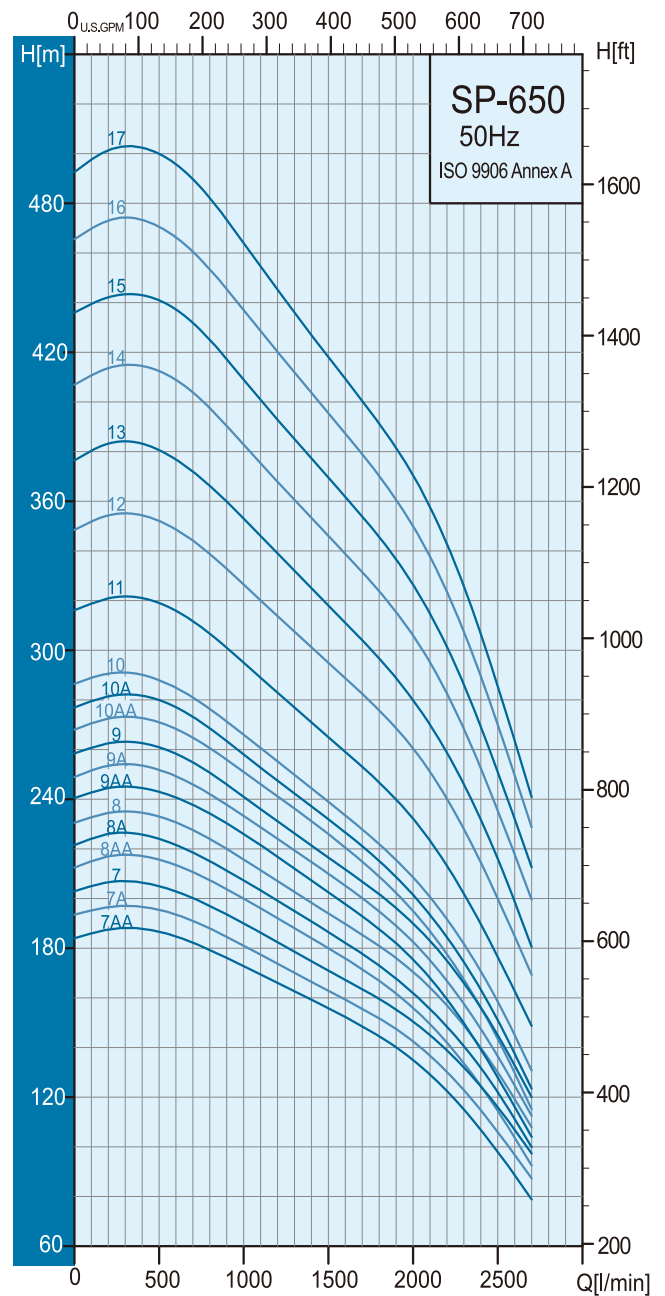
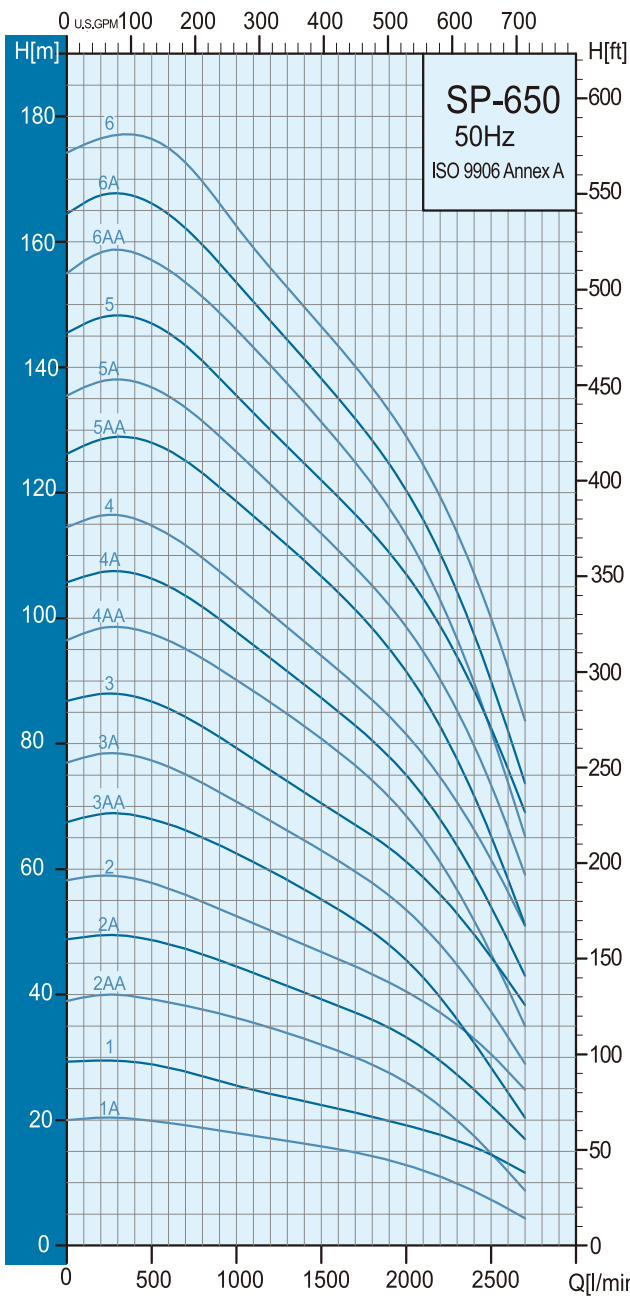
Pump Type	Motor		Q=DELIVERY 2850rpm												
	P <sub>2</sub>		l/min	500	700	900	1100	1300	1500	1700	1900	2100	2300	2500	2700
	kW	HP	m <sup>3</sup> /h	30.0	42.0	54.0	66.0	78.0	90.0	102.0	114.0	126.0	138.0	150.0	162.0
SP 650-1-A	7.5	10.0	H (m)	19.9	19.0	18.3	17.5	16.5	15.8	14.9	13.5	12.0	9.8	7.3	4.0
SP 650-1	11.0	15.0		28.9	27.5	26.0	24.9	23.8	22.4	22.3	19.9	18.3	16.8	14.5	12.0
SP 650-2-AA	13.0	17.5		39.3	38.0	37.0	35.8	33.5	32.0	30.0	27.5	24.0	20.0	14.7	9.0
SP 650-2-A	18.5	25.0		48.7	47.5	45.6	43.5	41.4	39.3	37.5	34.7	31.7	27.5	22.3	17.0
SP 650-2	22.0	30.0		57.8	56.0	53.5	51.5	49.0	46.8	44.3	42.0	38.6	35.3	30.5	25.0
SP 650-3-AA	22.0	30.0		68.0	66.3	63.5	61.2	58.0	55.2	52.0	47.7	42.5	36.0	28.5	20.0
SP 650-3-A	26.0	35.0		77.3	75.0	72.5	69.2	66.4	63.0	59.7	56.0	51.0	44.6	37.3	29.0
SP 650-3	30.0	40.0		86.7	89.0	80.8	77.5	74.0	70.5	67.5	63.4	58.4	53.0	46.0	39.0
SP 650-4-AA	37.0	50.0		97.5	95.2	92.0	88.0	84.7	80.8	77.0	71.5	65.0	66.7	46.5	35.0
SP 650-4-A	37.0	50.0		106.3	103.5	99.7	96.0	91.5	87.3	83.0	77.8	71.7	63.5	54.0	43.0
SP 650-4	37.0	50.0		114.8	111.5	107.5	103.0	98.4	94.0	89.3	84.4	78.0	70.6	61.5	51.0
SP 650-5-AA	45.0	60.0		128.0	125.1	121.0	116.3	111.7	106.7	101.3	95.2	87.3	77.5	65.3	51.2
SP 650-5-A	45.0	60.0		136.8	133.4	128.7	124.0	118.7	113.5	108.2	101.9	94.6	85.4	73.4	59.2
SP 650-5	55.0	75.0		147.0	143.7	137.8	132.8	127.5	122.0	116.7	110.6	103.0	93.5	82.5	69.0
SP 650-6-AA	55.0	75.0		157.3	153.5	148.7	143.2	137.5	131.3	124.7	117.5	108.0	96.5	82.0	65.0
SP 650-6-A	55.0	75.0		166.2	162.3	156.4	150.6	144.4	138.2	131.7	124.5	115.5	104.0	90.0	74.0
SP 650-6	63.0	85.0		176.0	172.5	165.8	159.0	153.0	146.5	140.2	133.0	124.3	113.7	100.0	83.7

### Dimensions and Weights

Pump Type	Motor Dia.	Dimensions (mm)				Net Weight (kg)
		A	B	C*	C**	
SP 650-1-A	6"	652	Rp 6" 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	52.0
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	57.0	
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	62.0	
SP 650-6	8"	1429	213	218	61.9	



### Performance Curves

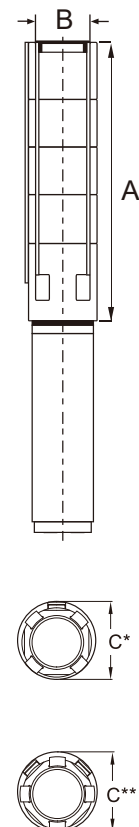


### Specifications

Pump Type	Motor		Q=DELIVERY 2850rpm												
	P2		l/min m <sup>3</sup> /h	500	700	900	1100	1300	1500	1700	1900	2100	2300	2500	2700
	kW	HP		30.0	42.0	54.0	66.0	78.0	90.0	102.0	114.0	126.0	138.0	150.0	162.0
SP 650-7-AA	63.0	85.0	H (m)	186.5	182.5	176.0	169.7	162.5	155.8	148.4	140.0	129.0	115.0	98.0	78.5
SP 650-7-A	63.0	85.0		195.5	191.2	185.0	177.5	170.0	162.8	155.4	147.5	137.0	122.5	106.0	82.5
SP 650-7	75.0	100.0		205.0	200.0	194.0	186.2	178.4	171.0	164.0	155.0	145.0	132.0	116.0	97.5
SP 650-8-AA	75.0	100.0		216.0	210.8	204.4	196.0	188.0	180.0	171.8	162.0	149.3	133.5	114.5	92.5
SP 650-8-A	75.0	100.0		224.0	218.0	212.0	203.7	195.0	186.5	177.5	167.5	155.5	140.5	122.0	100.0
SP 650-8	75.0	100.0		233.0	227.4	220.0	211.6	202.5	194.0	185.5	176.0	164.5	148.5	130.0	108.0
SP 650-9-AA	93.0	125.0		243.0	237.5	230.3	221.4	212.0	202.5	193.0	182.0	167.5	150.0	128.0	104.3
SP 650-9-A	93.0	125.0		251.8	245.0	237.0	228.3	219.4	210.0	200.0	189.0	175.0	157.5	136.5	113.0
SP 650-9	93.0	125.0		261.0	255.0	246.0	235.7	226.0	216.5	207.0	196.4	183.0	166.0	145.0	120.0
SP 650-10-AA	93.0	125.0		271.0	265.0	256.0	246.0	236.3	226.0	215.0	202.5	186.0	167.0	143.5	115.0
SP 650-10-A	93.0	125.0		280.0	273.0	263.7	253.0	242.7	232.0	221.0	208.5	193.0	174.5	151.0	123.4
SP 650-10	93.0	125.0		288.0	281.0	271.4	260.7	250.0	239.0	227.3	215.4	201.0	181.8	158.5	131.0
SP 650-11	110.0	150.0		319.0	312.0	301.3	288.7	277.0	265.0	253.8	240.0	223.0	202.0	176.5	148.8
SP 650-12	132.0	175.0		352.0	344.7	333.0	320.0	307.5	295.0	282.5	268.5	251.4	227.8	200.0	169.0
SP 650-13	132.0	175.0		380.5	372.0	360.0	346.0	332.0	318.0	304.3	288.5	270.0	246.0	216.0	180.0
SP 650-14	147.0	200.0		412.5	404.0	390.4	375.0	360.5	346.0	331.8	315.8	295.0	268.5	235.5	199.5
SP 650-15	147.0	200.0		441.0	431.4	417.0	401.0	385.0	369.5	354.0	336.3	315.0	286.0	251.0	213.0
SP 650-16	170.0	230.0		471.0	460.4	445.3	428.0	412.0	395.5	378.8	360.7	337.8	307.5	270.0	229.2
SP 650-15	147.0	200.0		500.0	489.7	473.2	454.8	436.0	418.0	405.5	381.5	357.5	325.0	285.5	241.3

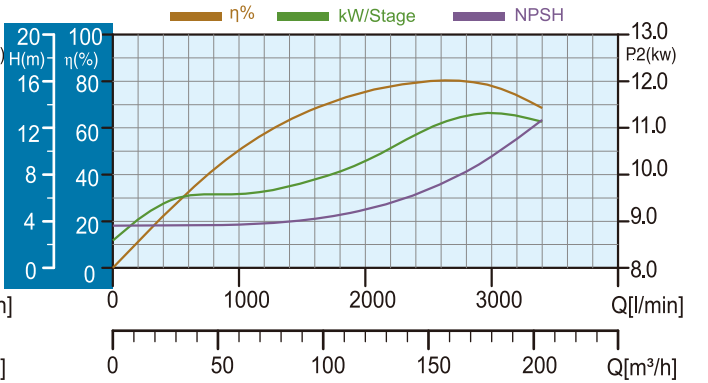
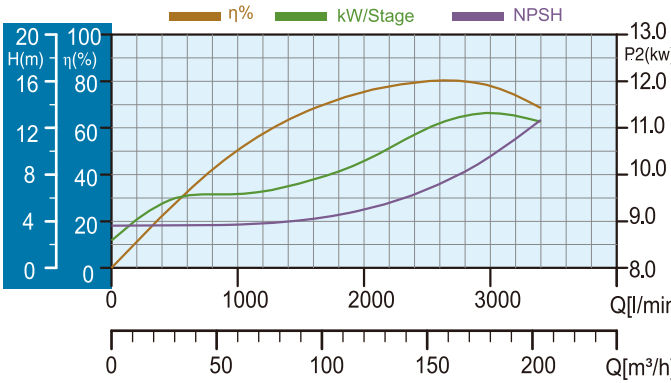
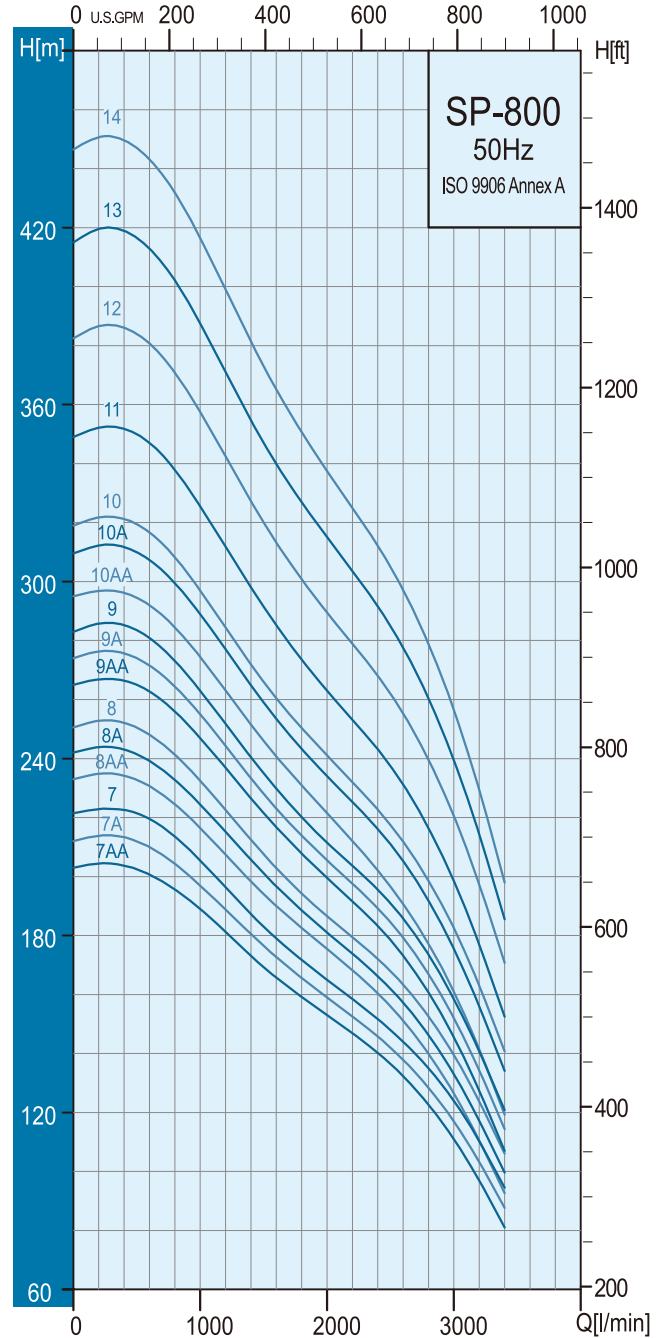
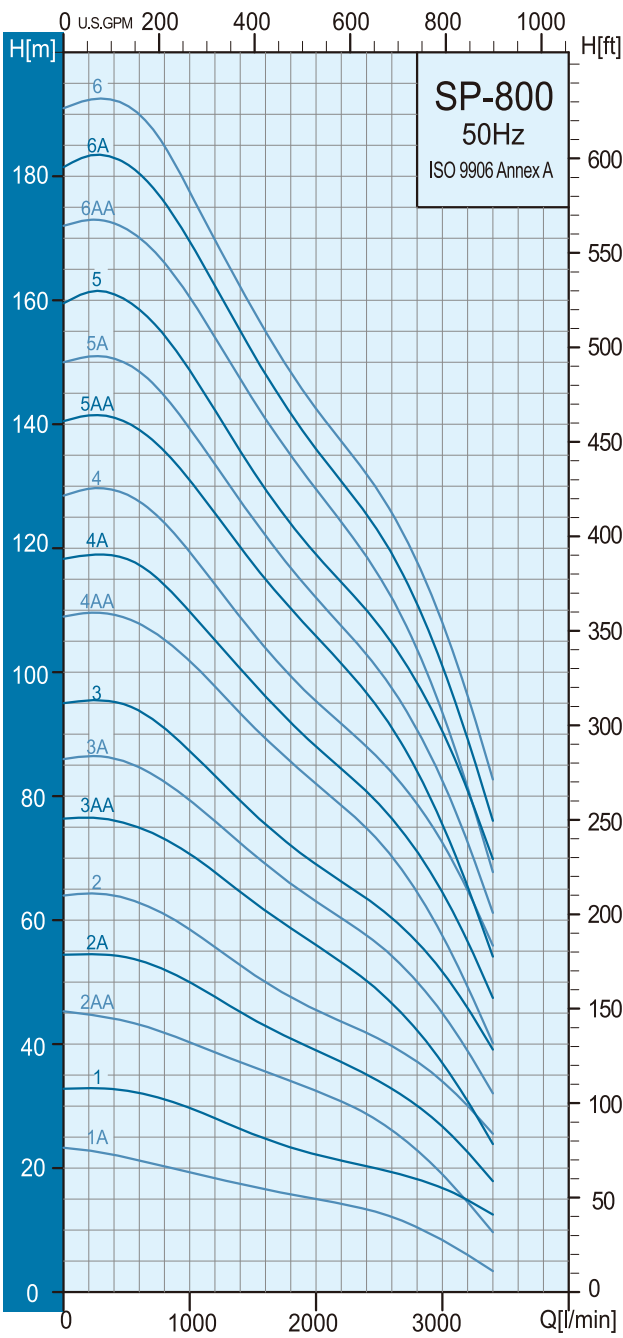
### Dimensions and Weights

Pump Type	Motor Dia.	Dimensions (mm)				Net Weight (kg)
		A	B	C*	C**	
SP 650-7-AA	8"	1585	Rp 6" NPT 6"	218	227	66.9
SP 650-7-A	8"	1585		218	227	67.0
SP 650-7	8"	1585		218	227	67.1
SP 650-8-AA	8"	1740		218	227	71.9
SP 650-8-A	8"	1740		218	227	72.0
SP 650-8	8"	1740		218	227	72.1
SP 650-9-AA	8"	1896		218	227	76.9
SP 650-9-A	8"	1896		218	227	77.0
SP 650-9	8"	1896		218	227	77.1
SP 650-10-AA	8"	2051		218	227	81.9
SP 650-10-A	8"	2051		218	227	82.0
SP 650-10	8"	2051		218	227	82.1
SP 650-11	8"	2207		218	227	87.1
SP 650-12	10"	2492		227	247	109.5
SP 650-13	10"	2648		227	247	116.0
SP 650-14	10"	2803		227	247	122.5
SP 650-15	10"	2959		227	247	129.0
SP 650-16	10"	3114		227	247	135.5
SP 650-17	10"	3270		227	247	142.0



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

### Performance Curves

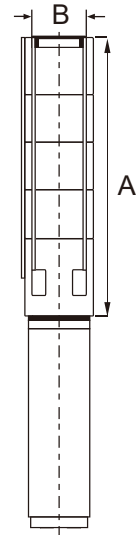


### Specifications

Pump Type	Motor		Q=DELIVERY 2850rpm										
	P <sub>2</sub>		l/min	600	900	1200	1500	1800	2100	2400	2700	3000	3300
	kW	HP	m <sup>3</sup> /h	36.0	54.0	72.0	90.0	108.0	126.0	144.0	162.0	180.0	198.0
SP 800-1-A	9.3	12.5	H (m)	21.0	20.0	18.0	17.0	16.0	15.0	13.0	12.0	8.0	5.0
SP 800-1	13.0	17.5		32.0	31.0	28.0	25.0	24.0	22.0	20.0	19.0	17.0	14.0
SP 800-2-AA	18.5	25.0		43.0	41.0	39.0	36.0	34.0	32.0	29.0	25.0	19.0	12.0
SP 800-2-A	22.0	30.0		53.0	51.0	48.0	44.0	41.0	38.0	35.0	32.0	27.0	20.0
SP 800-2	26.0	35.0		63.0	60.0	56.0	51.0	48.0	45.0	42.0	38.0	34.0	28.0
SP 800-3-AA	30.0	40.0		75.0	72.0	68.0	63.0	59.0	55.0	50.0	45.0	37.0	28.0
SP 800-3-A	37.0	50.0		85.0	81.0	76.0	71.0	66.0	62.0	58.0	52.0	45.0	36.0
SP 800-3	37.0	50.0		94.0	89.0	83.0	78.0	72.0	68.0	64.0	59.0	52.0	43.0
SP 800-4-AA	45.0	60.0		108.0	104.0	98.0	91.0	85.0	80.0	75.0	68.0	57.0	45.0
SP 800-4-A	45.0	60.0		117.0	112.0	105.0	98.0	92.0	86.0	81.0	74.0	65.0	52.0
SP 800-4	55.0	75.0		128.0	122.0	114.0	106.0	99.0	94.0	88.0	81.0	73.0	61.0
SP 800-5-AA	55.0	75.0		139.0	134.0	126.0	118.0	110.0	104.0	97.0	88.0	75.0	60.0
SP 800-5-A	55.0	75.0		148.0	142.0	134.0	125.0	117.0	110.0	103.0	94.0	82.0	67.0
SP 800-5	63.0	85.0		158.0	152.0	142.0	132.0	124.0	117.0	110.0	102.0	90.0	76.0
SP 800-6-AA	63.0	85.0		170.0	163.0	154.0	144.0	135.0	127.0	119.0	108.0	93.0	75.0
SP 800-6-A	75.0	100.0		180.0	173.0	162.0	152.0	142.0	133.0	125.0	115.0	101.0	83.0
SP 800-6	75.0	100.0		190.0	182.0	170.0	158.0	148.0	140.0	132.0	122.0	108.0	90.0

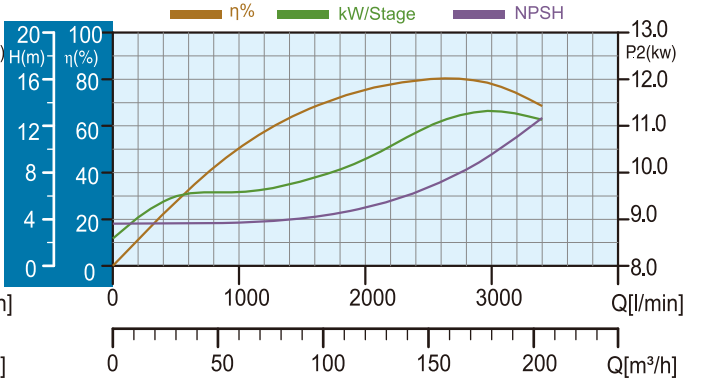
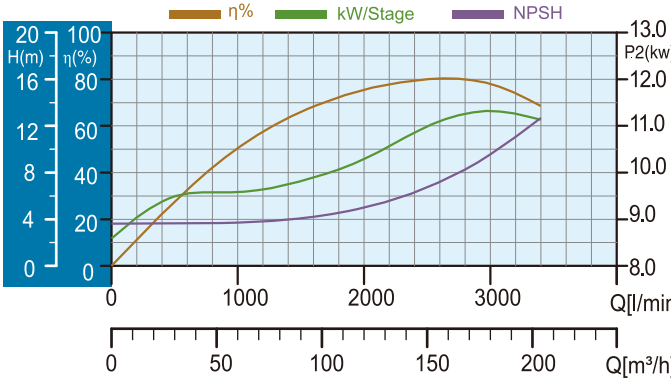
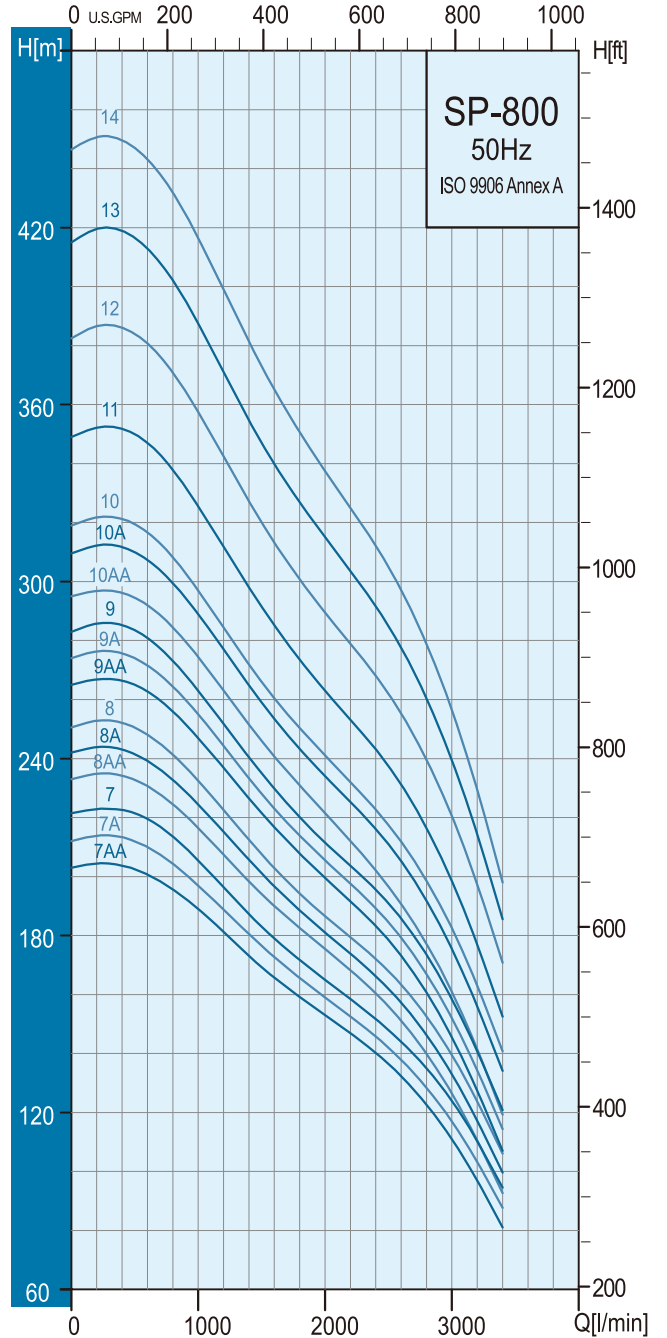
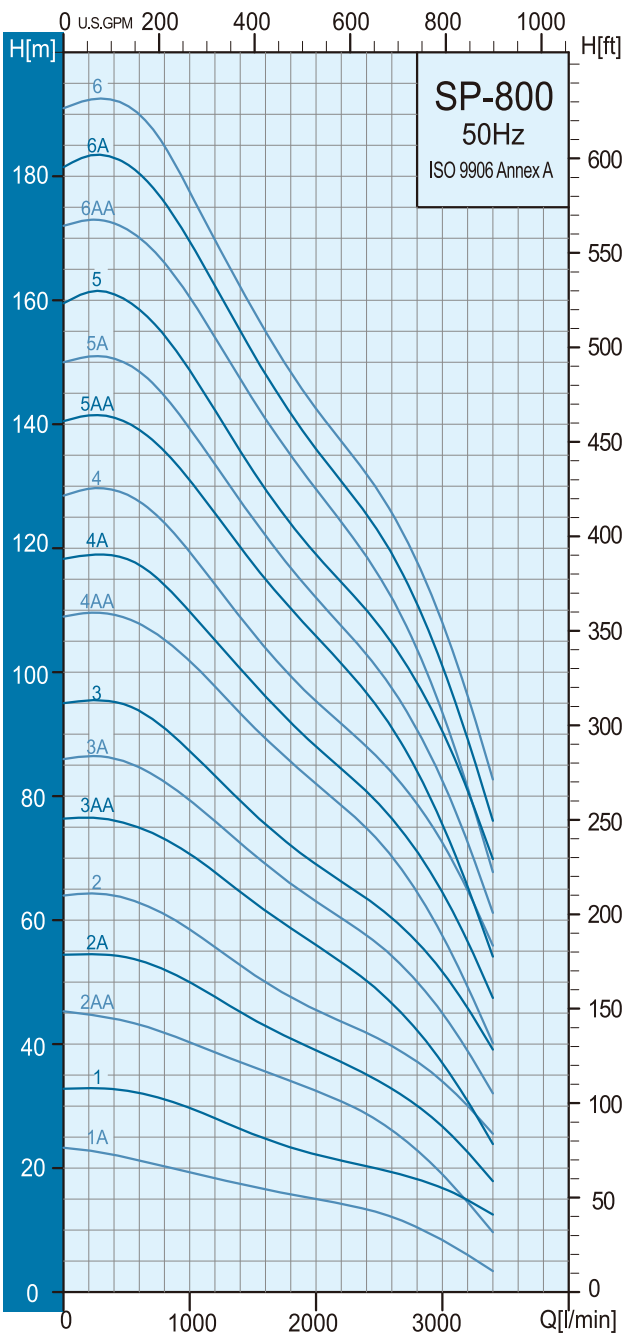
### Dimensions and Weights

Pump Type	Motor Dia.	Dimensions (mm)				Net Weight (kg)
		A	B	C*	C**	
SP 800-1-A	6"	652	Rp 6" 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



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

### Performance Curves



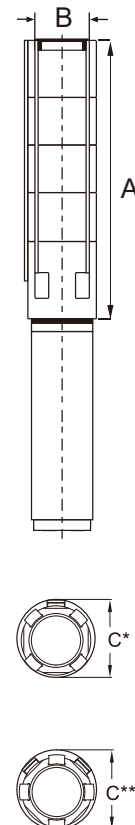


### Specifications

Pump Type	Motor		l/min m <sup>3</sup> /h	Q=DELIVERY 2850rpm									
	P <sub>2</sub>			600	900	1200	1500	1800	2100	2400	2700	3000	3300
	kW	HP		36.0	54.0	72.0	90.0	108.0	126.0	144.0	162.0	180.0	198.0
SP 800-7-AA	75.0	100.0	H (m)	200.0	193.0	181.0	169.0	159.0	150.0	140.0	128.0	111.0	89.0
SP 800-7-A	93.0	125.0		210.0	201.0	188.0	177.0	166.0	156.0	146.0	134.0	117.0	96.0
SP 800-7	93.0	125.0		220.0	210.0	196.0	183.0	172.0	162.0	152.0	140.0	124.0	102.0
SP 800-8-AA	93.0	125.0		230.0	220.0	208.0	194.0	183.0	172.0	160.0	146.0	126.0	102.0
SP 800-8-A	93.0	125.0		239.0	229.0	215.0	201.0	189.0	177.0	167.0	152.0	133.0	108.0
SP 800-8	93.0	125.0		248.0	237.0	222.0	208.0	194.0	183.0	172.0	158.0	140.0	115.0
SP 800-9-AA	110.0	150.0		263.0	252.0	237.0	222.0	208.0	196.0	183.0	167.0	146.0	117.0
SP 800-9-A	110.0	150.0		272.0	260.0	244.0	228.0	214.0	202.0	189.0	174.0	152.0	124.0
SP 800-9	110.0	150.0		281.0	268.0	252.0	235.0	220.0	207.0	196.0	180.0	159.0	131.0
SP 800-10-AA	110.0	150.0		292.0	280.0	263.0	246.0	231.0	217.0	202.0	184.0	161.0	131.0
SP 800-10-A	132.0	175.0		307.0	295.0	277.0	259.0	244.0	230.0	216.0	199.0	176.0	145.0
SP 800-10	132.0	175.0		317.0	303.0	284.0	266.0	250.0	236.0	223.0	205.0	182.0	152.0
SP 800-11	132.0	175.0		347.0	332.0	312.0	292.0	274.0	258.0	243.0	224.0	199.0	165.0
SP 800-12	147.0	200.0		380.0	365.0	342.0	320.0	301.0	285.0	268.0	248.0	221.0	184.0
SP 800-13	170.0	230.0		413.0	395.0	371.0	347.0	327.0	309.0	292.0	269.0	240.0	200.0
SP 800-14	170.0	230.0		443.0	425.0	399.0	373.0	350.0	332.0	312.0	288.0	257.0	213.0

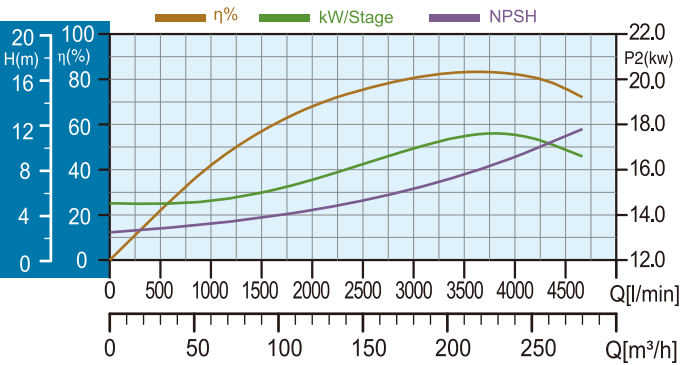
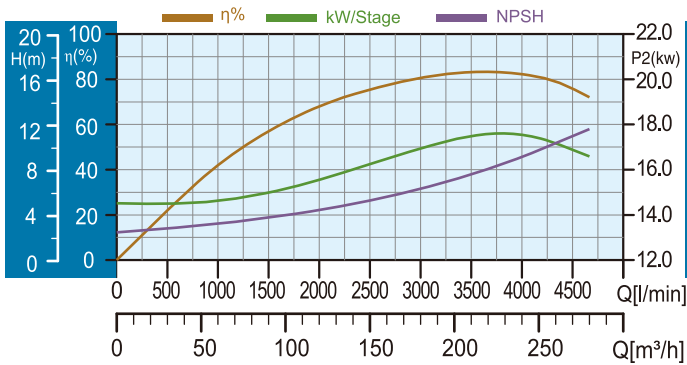
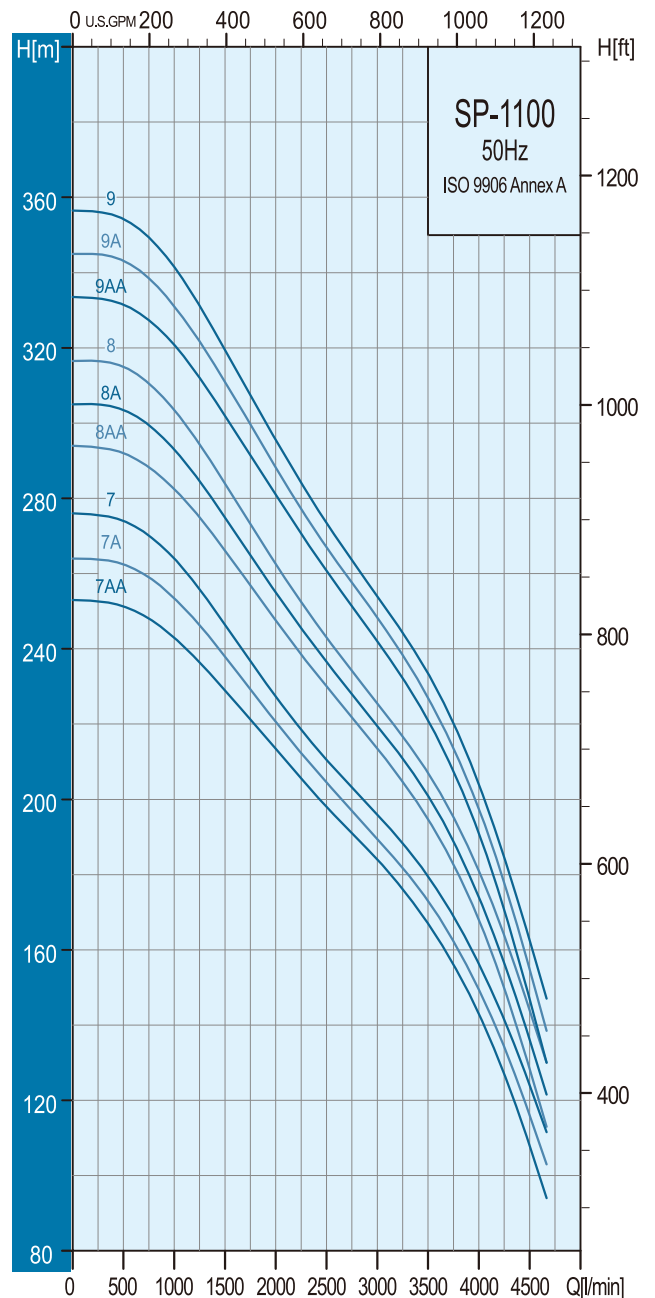
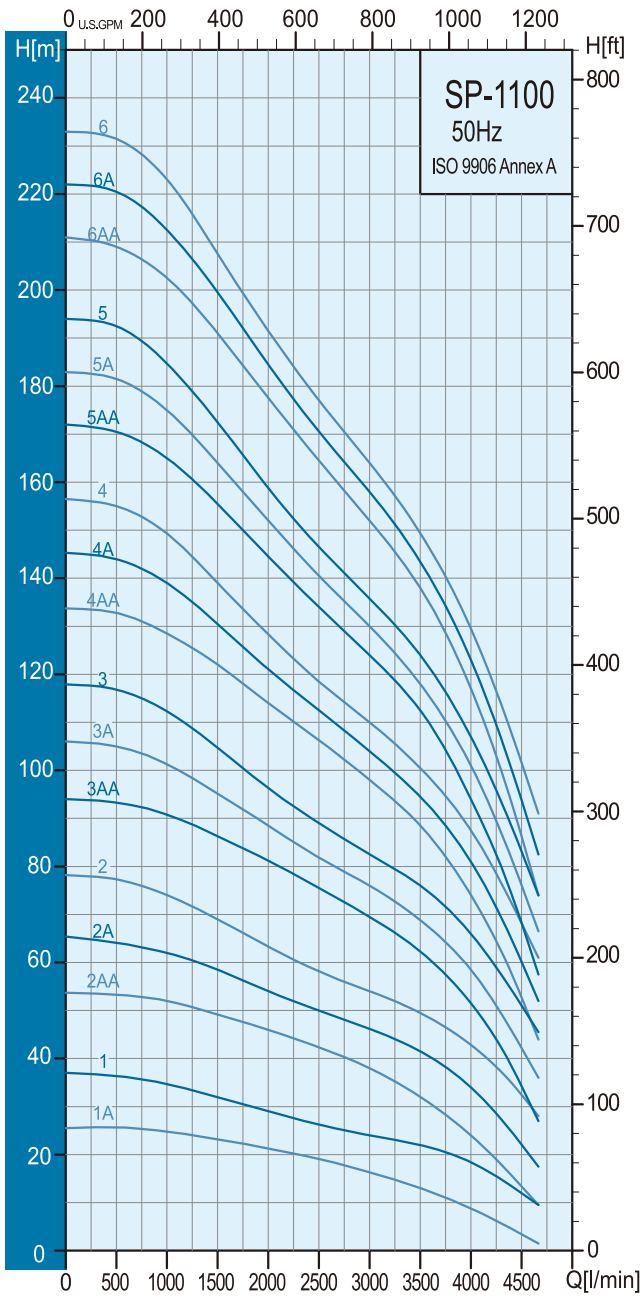
### Dimensions and Weights

Pump Type	Motor Dia.	Dimensions (mm)				Net Weight (kg)
		A	B	C*	C**	
SP 800-7-AA	8"	1585	Rp 6" NPT 6"	218	227	70.16
SP 800-7-A	8"	1585		218	227	70.24
SP 800-7	8"	1585		218	227	70.24
SP 800-8-AA	8"	1740		218	227	76.58
SP 800-8-A	8"	1740		218	227	76.66
SP 800-8	8"	1740		218	227	76.66
SP 800-9-AA	8"	1896		218	227	83.00
SP 800-9-A	8"	1896		218	227	83.08
SP 800-9	8"	1896		218	227	83.08
SP 800-10-AA	8"	2051		218	227	89.42
SP 800-10-A	10"	2181		227	247	102.62
SP 800-10	10"	2181		227	247	102.62
SP 800-11	10"	2337		227	247	109.04
SP 800-12	10"	2492		227	247	115.46
SP 800-13	10"	2648		227	247	121.88
SP 800-14	10"	2803		227	247	128.30



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

### Performance Curves

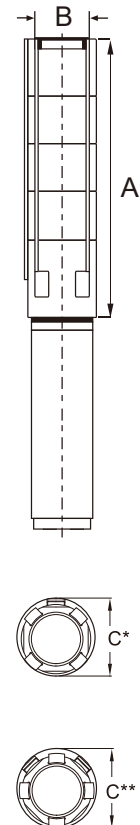


### Specifications

Pump Type	Motor		l/min m <sup>3</sup> /h	Q=DELIVERY 2850rpm										
	P <sub>2</sub>			500	750	1000	1250	1500	2000	2500	3000	3500	4000	4500
	kW	HP		30.0	45.0	60.0	75.0	90.0	120.0	150.0	180.0	210.0	240.0	270.0
SP 1100-1-A	15.0	20.0	H (m)	26.0	25.5	25.0	24.0	23.0	21.0	19.0	16.0	13.0	9.0	4.0
SP 1100-1	18.5	25.0		36.5	36.0	35.0	33.0	32.0	29.0	26.0	24.0	22.0	18.0	12.0
SP 1100-2-AA	30.0	40.0		53.0	52.5	52.0	50.0	49.0	46.0	42.0	38.0	32.0	24.0	14.0
SP 1100-2-A	37.0	50.0		64.0	63.0	62.0	60.0	58.0	54.0	50.0	46.0	41.0	34.0	22.0
SP 1100-2	45.0	60.0		77.0	76.0	74.0	71.0	69.0	63.0	58.0	54.0	49.0	42.0	32.0
SP 1100-3-AA	55.0	75.0		93.0	92.0	90.0	88.0	86.0	81.0	75.0	69.0	62.0	51.0	34.0
SP 1100-3-A	55.0	75.0		105.0	103.0	101.0	98.0	95.0	88.0	82.0	76.0	69.0	58.0	42.0
SP 1100-3	63.0	85.0		117.0	115.0	112.0	108.0	104.0	96.0	89.0	82.0	76.0	66.0	51.0
SP 1100-4-AA	75.0	100.0		133.0	131.0	128.0	125.0	122.0	114.0	106.0	98.0	88.0	74.0	53.0
SP 1100-4-A	75.0	100.0		144.0	142.0	139.0	135.0	130.0	121.0	112.0	104.0	94.0	81.0	60.0
SP 1100-4	75.0	100.0		155.0	152.0	149.0	144.0	139.0	128.0	118.0	110.0	100.0	87.0	68.0
SP 1100-5-AA	93.0	125.0		170.0	168.0	165.0	160.0	155.0	144.0	134.0	124.0	112.0	94.0	68.0
SP 1100-5-A	93.0	125.0		181.0	179.0	175.0	170.0	164.0	152.0	140.0	130.0	118.0	101.0	76.0
SP 1100-5	93.0	125.0		192.0	189.0	184.0	179.0	172.0	159.0	146.0	135.0	124.0	107.0	83.0
SP 1100-6-AA	110.0	150.0		209.0	206.0	202.0	197.0	191.0	178.0	164.0	152.0	138.0	117.0	86.0
SP 1100-6-A	110.0	150.0		220.0	217.0	212.0	206.0	199.0	184.0	170.0	158.0	143.0	123.0	93.0
SP 1100-6	110.0	150.0		231.0	228.0	223.0	216.0	207.0	191.0	177.0	164.0	149.0	129.0	101.0
SP 1100-7-AA	132.0	175.0		251.0	248.0	243.0	236.0	229.0	213.0	198.0	184.0	167.0	143.0	108.0
SP 1100-7-A	132.0	175.0		262.0	259.0	253.0	246.0	238.0	220.0	204.0	189.0	173.0	149.0	116.0
SP 1100-7	132.0	175.0		274.0	270.0	264.0	255.0	246.0	227.0	210.0	196.0	180.0	156.0	124.0
SP 1100-8-AA	147.0	200.0		292.0	288.0	282.0	274.0	266.0	247.0	230.0	213.0	195.0	168.0	128.0
SP 1100-8-A	147.0	200.0		303.0	299.0	293.0	284.0	275.0	255.0	236.0	219.0	201.0	174.0	136.0
SP 1100-8	147.0	200.0		315.0	310.0	303.0	294.0	284.0	262.0	243.0	225.0	207.0	181.0	144.0
SP 1100-9-AA	170.0	230.0		331.0	327.0	320.0	312.0	302.0	281.0	260.0	242.0	221.0	191.0	146.0
SP 1100-9-A	170.0	230.0		343.0	338.0	331.0	321.0	311.0	288.0	267.0	248.0	227.0	197.0	155.0
SP 1100-9	170.0	230.0		354.0	349.0	341.0	331.0	319.0	295.0	273.0	254.0	233.0	204.0	162.0

### Dimensions and Weights

Pump Type	Motor Dia.	Dimensions (mm)				Net Weight (kg)
		A	B	C*	C**	
SP 1100-1-A	6"	771.7	Rp 6" NPT 6"	237	241	46.1
SP 1100-1	6"	771.7		237	241	46.1
SP 1100-2-AA	6"	947.7		237	241	56.1
SP 1100-2-A	6"	947.7		237	241	56.1
SP 1100-2	8"	947.7		237	241	55.8
SP 1100-3-AA	8"	1123.7		237	241	65.6
SP 1100-3-A	8"	1123.7		237	241	65.6
SP 1100-3	8"	1123.7		237	241	65.6
SP 1100-4-AA	8"	1299.7		237	241	75.4
SP 1100-4-A	8"	1299.7		237	241	75.4
SP 1100-4	8"	1299.7		237	241	75.4
SP 1100-5-AA	8"	1475.7		237	241	85.8
SP 1100-5-A	8"	1475.7		237	241	85.8
SP 1100-5	8"	1475.7		237	241	85.8
SP 1100-6-AA	8"	1651.7		237	241	96.2
SP 1100-6-A	8"	1651.7		237	241	96.2
SP 1100-6	8"	1651.7		237	241	96.2
SP 1100-7-AA	10"	1827.7		262	274	111.2
SP 1100-7-A	10"	1827.7		262	274	111.2
SP 1100-7	10"	1827.7		262	274	111.2
SP 1100-8-AA	10"	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-A	10"	2179.7		262	274	131.7
SP 1100-9	10"	2179.7		262	274	131.7



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



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