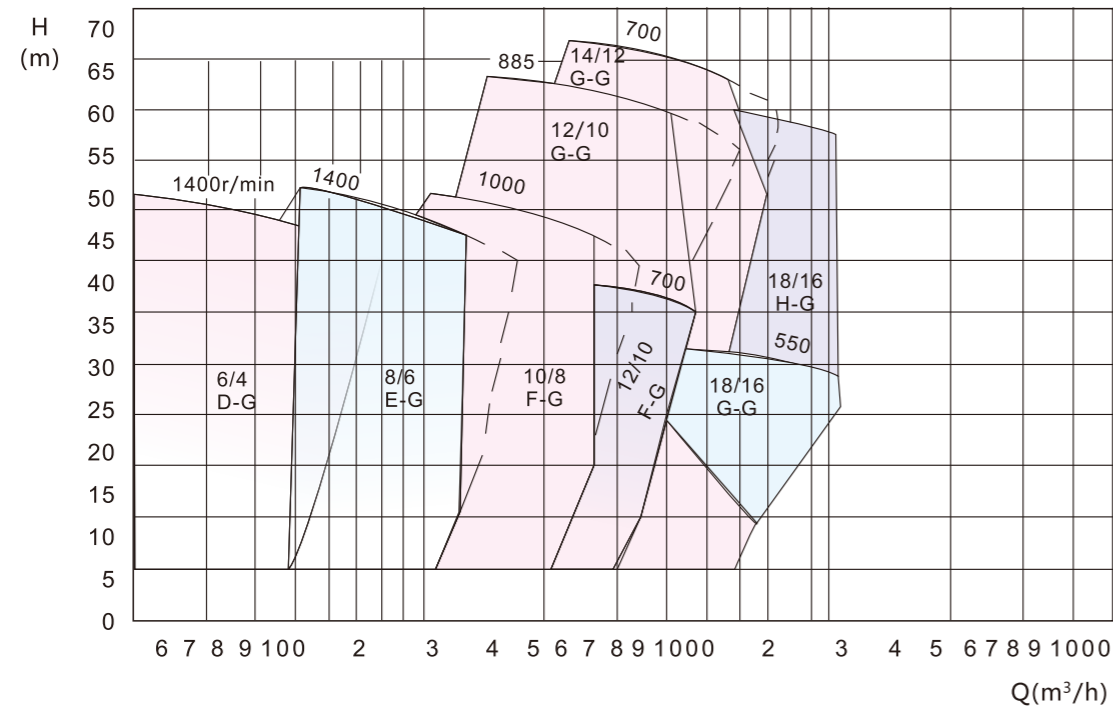


■ Selection & Performance Chart



Note: Approximate performance in clear water, just for primary selection only.

■ Slurry Pump Performance Chart

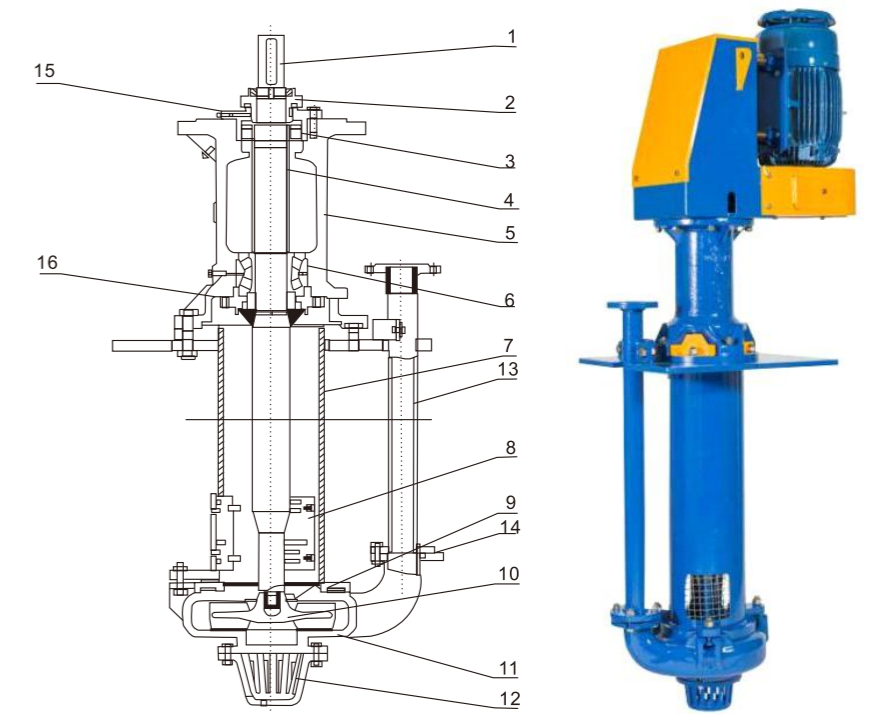
Pump model	Allowable Max. Power (kw)	Clear water performance						
		Capacity Q		Head H (m)	Speed n (r/min)	Max.EFF. (%)	NPSH (m)	Impeller Dia(mm)
		m ³ /h	L/S					
6/4D-G	60	36-250	10-70	5-52	600-1400	58	2.5-3.5	378
8/6E-G	120	126-576	35-160	6-45	800-1400	60	3-4.5	378
10/8S-G	560	216-936	60-260	8-52	500-1000	65	3-7.5	533
10/8F-G	260	216-936	60-260	8-52	500-1000	65	3-7.5	533
10/8S-GH	560	180-1440	50-400	24-80	500-950	77	2.5-5	711
12/10F-G	260	360-1440	100-400	10-60	400-850	65	1.5-4.5	667
12/10G-G	600	360-1440	100-400	10-60	400-850	65	1.5-4.5	667
12/10G-GH	600	288-2808	80-780	16-80	350-700	73	2.0-10.0	950
14/12G-G	600	576-3024	160-840	8-70	300-700	68	2.0-8.0	864
16/14G-G	600	720-3600	200-1000	18-44	300-500	70	3.0-9.0	1016
16/14TU-G	1200	324-3600	90-1000	26-40	300-500	72	3.0-6.0	1270
18/16G-G	600	420-4320	200-1200	12-48	250-500	72	3.0-6.0	1067
18/16TU-G	1200	720-4320	200-1200	12-48	250-500	72	3.0-6.0	1067

■ Application and Features

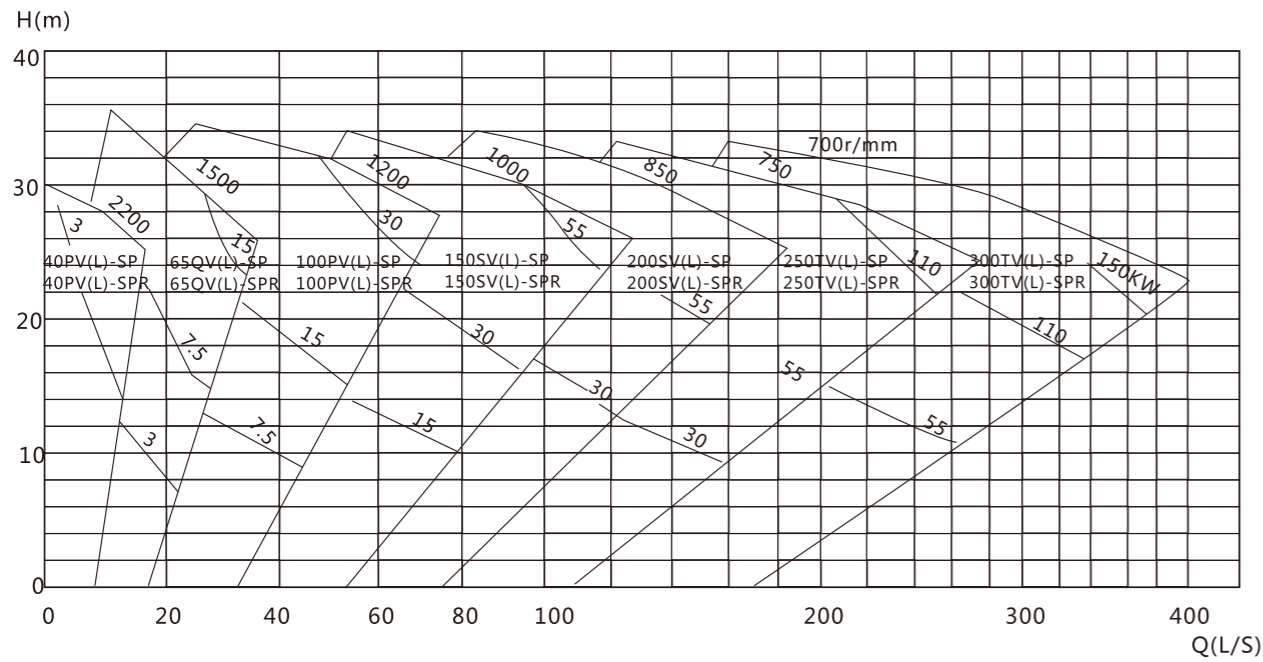
Type SP/SPR pumps are vertical, centrifugal slurry pumps which are submerged in sump to work. They are designed for delivering abrasive, large particle and high density slurries. These pumps do not need any shaft seal and sealing water. They can also be operated normally for insufficient suction duties. Wet parts of type SP pumps are made of abrasion-resistant metal. All parts of type SPR pump immersed in liquid are lined with rubber. They are suited to transport the slurry which contains non-edge and abrasive particle. The type with "L" is series of sump pump with extended shaft, which is suited for the working condition of deeper lever. The guide bearing construction is added to the pump on the basis of the standard pump, so the pump is with both more steady operation and wider application range, but flushing water should be attached to the guide bearing.

■ SP(R) Submerged Centrifugal Slurry Pump Construction Drawing

- 1、 Shaft
- 2、 Labyrinth gland
- 3、 Bearing
- 4、 Bearing guard
- 5、 Bearing body
- 6、 Bearing
- 7、 Bracket
- 8、 Strainer
- 9、 Rear guard plate
- 10、 Impeller
- 11、 Pump body
- 12、 Low strainer
- 13、 Disgorge tube
- 14、 Folio disgorge flange
- 15、 End cap
- 16、 Low end cap



■ SP/SPR系列液下泵型谱图 SP/SPR Sump Pump Selection Chart



Note: Approximate performance for clear water, only for primary selection.

■ Performance Chart

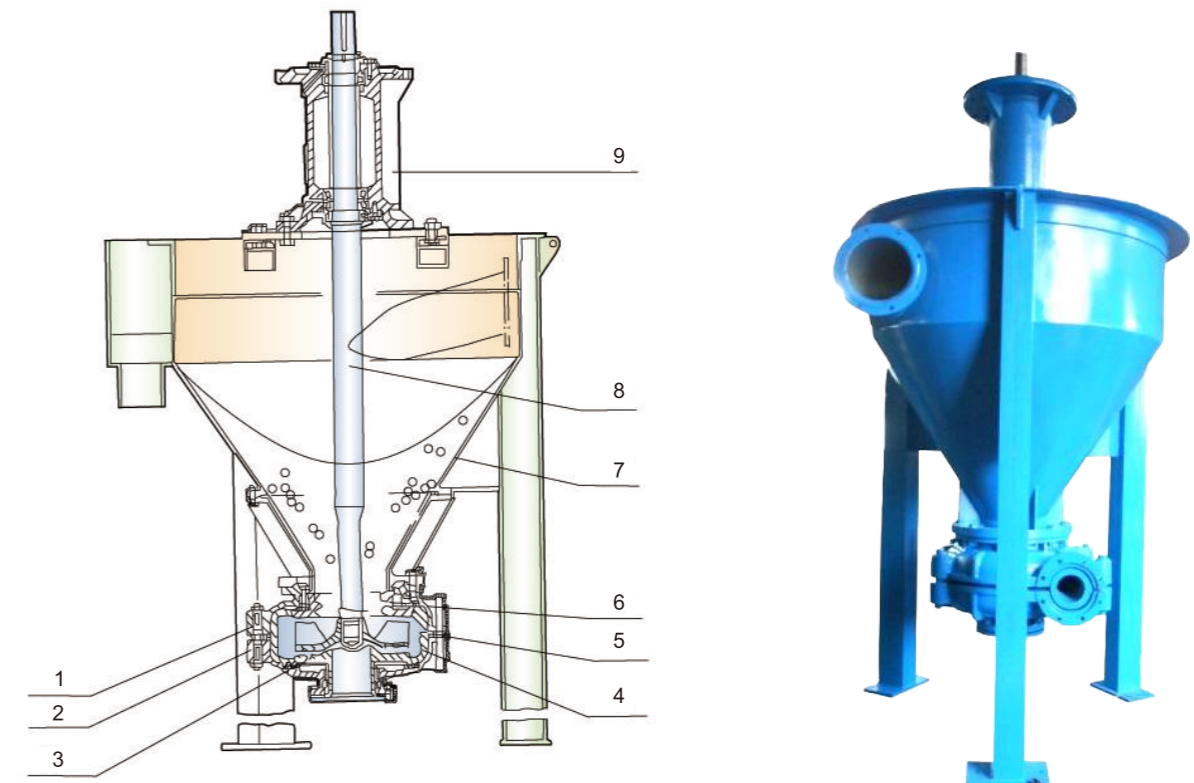
Pump model	Allowable Max. Power (kw)	Clear water performance					
		Capacity Q		Head H (m)	Speed n (r/min)	Max. EFF. (%)	Impeller Dia (mm)
		m ³ /h	L/S				
40PV-SP	15	19.44-43.2	5.4-1.2	4.5-28.5	1000-2200	40	188
40PV-SPR		17.28-39.6	4.8-11	4-26	1000-2200	40	188
65QV-SP	30	23.4-111	6.5-30.8	5-29.5	700-1500	50	280
65QV-SPR		22.5-105	6.25-29.15	5.5-30.5	700-1500	51	280
100RV-SP	75	54-289	15-80.3	5-35	500-1200	56	370
100RV-SPR		64.8-285	18-79.2	7.5-36	600-1200	62	370
150SV-SP	110	108-479.16	30-133.1	8.5-40	500-1000	52	450
200SV-SP	110	189-891	152.5-247.5	6.5-37	400-850	64	520
250TV-SP	200	261-1089	72.5-302.5	7.5-33.5	400-750	60	575
300TV-SP	200	288-1267	80-352	6.5-33	350-700	50	610

■ Froth Pump

■ Product Feature

AF series froth pumps are our company newly designed & developed products based on the advanced technology from home and abroad. Being popularized and promoted; now they are widely used in metallurgical industry, mining sector, coal one and chemical engineering to handle abrasive and corrosive slurries with foam and froth. When operated, AF pumps can effectively eliminate foam and froth in slurry and will also function properly even with inadequate feeding slurry, thus making them the ideal choice for delivering foam slurries, esp, in flotation process.

■ Construction Drawing



- 1. Frame Plate
- 2. Cover Plate
- 3. Cover Plate Liner Insert
- 4. Volute Liner
- 5. Impeller
- 6. Frame Plate Liner Insert
- 7. Tank
- 8. Shaft
- 9. Bearing Housing