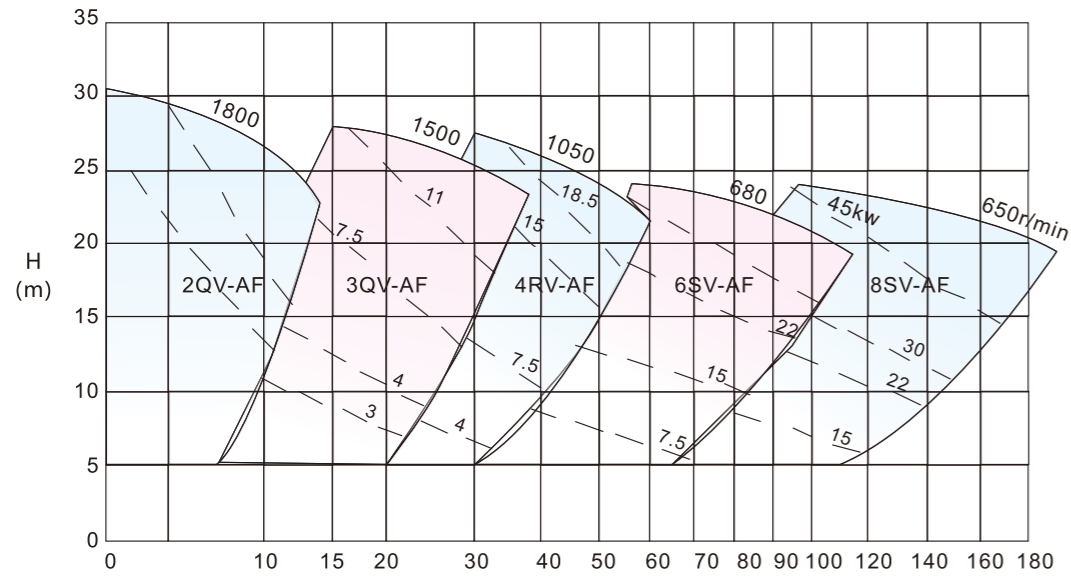


■ SP/SPR Sump Pump Selection Chart



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

1. Bearing assembly of AF series is the same with that of SP, SPR series. Bearing housing is installed with motor frame base or supporting plate, i.e. pump and motor are connected either directly with coupling or through pulley and belts. Pulleys can be exchanged conveniently to adjust the pump rotating speed to satisfy the varying operating conditions.
2. Feeding tank can be steel, stainless steel or coated with rubber with overflow box and tangential inlet. The former can transmit the excessive incoming slurry back to its pit, while the latter will allow the slurry quickly get into the pump body and make part of the foams disappear.
3. Double casings structure the pump head. wetted parts are metal lined, rubber lined or of other non-metallic material according to the different slurries.

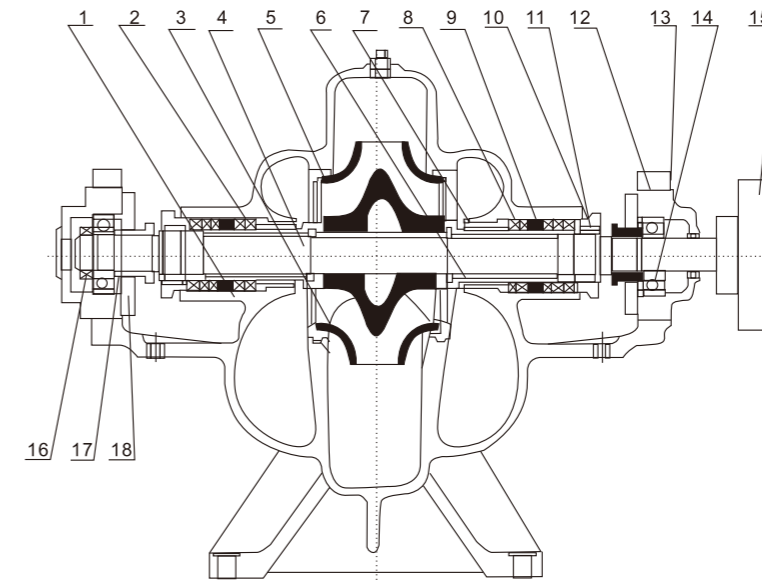
■ Performance Chart

Pump model	Capacity Q m ³ /h	Head H (m)	Speed n (r/min)	EFF. (%)	Installed with power (kw)	Diameter	
						Inlet (mm)	Outlet (mm)
2QV-AF	7.6-42.8	6-29.5	800-1800	45	15	100	50
3QV-AF	23-77.4	5-28	700-1500	55	18.5	150	75
4RV-AR	33-188.2	5-28	500-1050	55	37	150	100
6SV-AF	80-393	5-25	250-680	55	75	200	150
8SV-AF	126-575	5.8-25.5	350-650	55	110	250	200

■ S, SH Series Split Case Pumps

The S and SH pump is a single stage double suction horizontal mid-opening centrifugal pump for transportation clean water or other liquid with physical and chemical characters like clean water. Max. temperature of liquid should be under 80°C. It is fit for power plant, mine, city and coal water feeding and discharging, farmland irrigation and drainage and all hydraulic engineerings.

■ S, Structure Diagram of Split Case Pump



- 1, Pump body
- 2, Pump cover
- 3, Impeller
- 4, Shaft
- 5, Double suction seal ring
- 6, Axle box
- 7, Packing sleeve
- 8, Stuffing
- 9, Packing ring
- 10, Gland
- 11, Axle box nut
- 12, Bearing body
- 13, Bearing body gland
- 14, Bearing
- 15, Coupling parts
- 16, Bearing nut
- 17, Guard sleeve
- 18, Bearing end cap