



Diverse Product Range / Technical Support
High-Quality Materials / Global Reach



SHIJIAZHUANG HONGSTONE PUMP TECHNOLOGY CO., LTD.



AF Froth Pump

The AF pumps are designed to increase the pumpability of frothy slurry. Air is separated from the slurry in a vortex created by the impeller rotation and the tangential inlet to the pump's conical sump. This results in more efficient pumping at higher capacities and a smooth operation, free from pulsations caused by air locking.

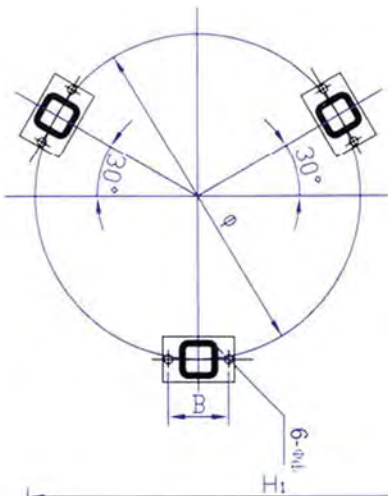


MODEL	CAPACITY (m ³ /h)	HEAD (m)	SPEED (r/min)	MAX. EFF. η%	MAX. POWER (KW)	MAX. PARTICLE SIZE (mm)	DIA. OF PUMP (mm)		IMPELLER (mm)
							Outlet	Inlet	
2QV-AF	7.6-42.8	6-29.5	800-1800	45	15	35	100	50	229
3QV-AF	23-77.4	5-28	700-1500	55	18.5	38	150	75	268
4RV-AF	33-187.2	5-28	500-1050	55	37	55	150	100	397
6SV-AF	80-393	5-25	250-680	55	75	63	200	150	560
8SV-AF	126-575	5.8-25.5	350-650	55	110	NUL	250	200	NUL

Froth Pump

The AF series froth pump has a simple structure, a high degree of universality, and is easy to install and use.

1. Transmission Part: The transmission part of this type of pump is the same as SP and SPR series slag slurry. The bearing housing is equipped with a motor seat or electrode frame, that is, direct transmission can be used. and the belt can be conveniently replaced to change the speed of the pump to meet the changes in working conditions
2. Steel structure of vertical tank, and is equipped with a tangent entrance and an overflow nozzle. The overflow nozzle can conveniently send the excess incoming materials back to the tank. The tangent entrance can quickly enter the pump and eliminates some froth
3. Pump Head: Double casings structure the pump head. Wet end parts are metal lined, rubber lined or of other non-metallic material according to the different slurries.



泵型号	尺 寸 Dimension																吐出法兰 Discharge Flange					吸入法兰 Intake Flange									
	H	H ₂	H ₃	H ₄	H ₅	L	L ₂	L ₃	L ₄	L ₅	φ	B	φD	N	P	φd	φd ₁	φD ₂	D	D'	φ _s	n _s	φd _s	δ ₁	D _s	D"	φ _s	n _s	φd _s	δ ₂	
Pump size	H	H ₂	H ₃	H ₄	H ₅	L	L ₂	L ₃	L ₄	L ₅	φ	B	φD	N	P	φd	φd ₁	φD ₂	D	D'	φ _s	n _s	φd _s	δ ₁	D _s	D"	φ _s	n _s	φd _s	δ ₂	
2QV-AF	382	1140	850	1300		138	360	210	480	565	380	800					100	19	51	146	184		19	25	102	178	216	4	19	12	
3QV-AF	467	1250	950	1400	12	149	354	262	510	625	445	840	140	938	174	110	168	18	76	191	229	4	22	27	152	235	279	8	18	16	
4RV-AF	506	1720	1310	1910	16	637	229	537	338	740	860	600	1230	230	1444	238	170	150	19	102	235	279		32	203	292	337		19	12	
6SV-AF	791	2430	1950	2770	20	875	318	696	460	1020	1180	800	1700	300	1970	300	210	219	22	152	324	365	8	21	38	305	406	457	12	22	20
8SV-AF						381	470											80	203	375	432		29	44							