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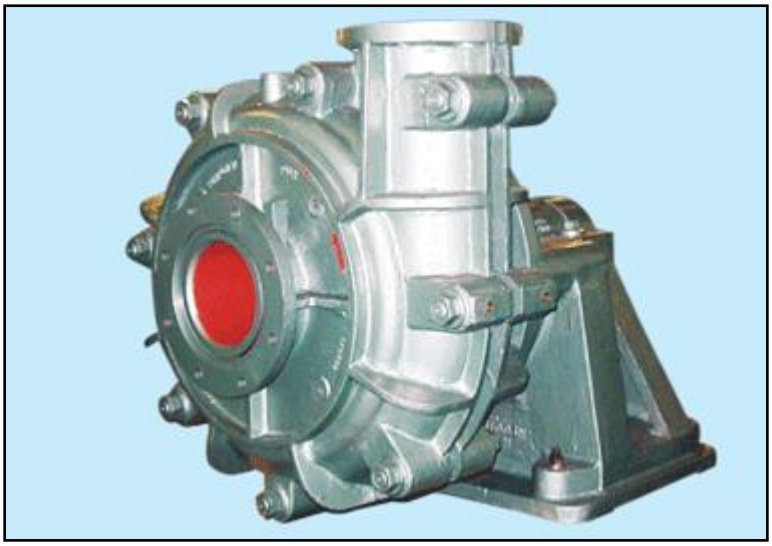
Series HS/MS Slurry Pump



Explanation on the type: For example, 200HS-ST,

200: Discharge Diameter

HS: High Head Slurry Pump

ST (B, C, D, E, S, R): the type of frame

Features:

Series HS/MS slurry pumps have the horizontal and cantilever structure; they are suitable for the transportation of slurry with strong abrasion and high concentration for mines, coal industry, and power plant, building material and metallurgy and so on. They can be connected in series to operate.

The casings of HS/MS pumps have the replaceable wear metal liner and rubber liner, and the impellers are made of metal material or rubber material. The liner and impeller of HS pump is made of wear metal.

The shaft sealing is packing seal or centrifugal seal. The discharge outlet can be adjusted at eight directions with intervals of 45 degree.

Technical Parameter

Type	Max Available Matching Power (kW)	Material		Performance under Clear Water						Impeller	
		Liner	Impeller	Flow Capacity (Q)		Head (m)	Rotational Speed (r/min)	Max Efficiency (%)	NPSH (m)	No.	Diameter (mm)
				m^3/h	l/s						
20HS-B	15	M	M	12.6-28.8	3.5-8	6-68	1200-3800	40	2-4	5	152
		R	R	10.8-25.2	3-7	7-52	1400-3400	35		3	
20HHS-C	30	M	M	16.2-34.2	4.5-9.5	25-92	1400-2200	20	2-5.5	5	330
R40HS-B	15	M	M	32.4-72	9-20	6-58	1200-3200	45	3.5-8	5	184
		R	R	25.2-54	7-15	5.5-41	1000-2600	50	2.5-5		178
50HS-C	30	M	M	39.6-86.4	11-24	12-64	1300-2700	55	4-6	5	214
		R	R	36-75.6	10-21	13-46	1300-2300	60	2-4		213
50HHS-D	60	M	M	68.4-136.8	19-38	25-87	850-1400	47	3-7.5	5	457
75HS-C	30	M	M	86.4-198	24-55	9-52	1000-2200	71	4-6	5	245
		R	R	79.2-180	22-50	5-34.5	800-1800	59	3-5		
75HHS-E	120	M	M	126-252	35-70	12-97	600-1400	50	2-5	5	508
100HS-D	60	M	M	162-360	40-100	12-56	800-1550	65	5-8	5	365
		R	R	144-324	40-90	12-45	800-1350	65	3-5		365
100HHS-F	560	M	M	324-720	90-200	30-118	600-1000	64	3-8	5	711

150HS-E	560	M	M	468-1008	130-280	20-94	500-1000	65	4-12	5	711
R150HS-E	300	M	M	360-828	100-230	10-61	500-1140	72	2-9	5	510
		R	R	324-720	90-200	7-49	400-1000	65	5-10		510
200MS-E	120	M	M	666-1440	185-400	14-60	600-1100	73	4-10	5	549
200HS-ST	560	M	M	612-1368	170-380	11-61	400-850	71	4-10	5	686
		R	R	540-1188	150-330	12-50	400-750	75	4-12		
250HS-ST	560	M	M	936-1980	260-550	7-68	300-800	82	6	5	762
		R	R	720-1620	200-450	7-45	300-650	80	2.5-7.5		
300HS-ST	560	M	M	1260-2772	350-770	13-63	300-600	77	3-10	5	965
		R	R	1152-2520	320-700	13-44	300-500	79	3-8		
350HS-TU	1200	M	M	1368-3060	380-850	11-63	250-550	79	4-10	5	1067
450HS-TU	1200	M	M	2520-5400	700-1500	13-57	200-400	85	5-10	5	1370

Notes:

1. “M” stands “Metal Material”, “R” stands “Rubber Material”

2. Recommended flow capacity range is: $50\%Q^1 \leq Q \leq 110\%Q^1$, (Q^1 is equivalent to the flow capacity at highest efficiency point)

3. NPSH is the value corresponding to the Q point at highest speed.