

Mapcato Pumps MS Slurry Series



PRODUCT INTRODUCTION:

Feature and application

MS series slurry pump is of single-stage ,single-suction, horizontal, cantilevered, centrifugal slurry pump. The MS series pumps used international advanced solid-liquid two-phase flow theory and designed using the Minimum-Wear principle. The flow parts of this pumps are suitable for the flow of state media for it's set shape, which reduces hydraulic loss of eddy and impact, both in pump and along the pipeline, so reduced friction of flow parts, lower noise and vibration of the pump translates into improved hydraulic efficiency. The series of pumps are cased in hard-alloy which is a high anti-wear and high anti-corrosive impact resistance material, which means the pump will have a longer service life. In addition, this series pumps used an automatic reduced pressure system to avoid liquid leakage.

MS series slurry pumps are widely used in mining ,metallurgy, power ,coal petroleum,chemical and building material sectors. The MS series pumps are suitable for handling abrasive and corrsive solids-bearing slurry with maximum concentrations of wt45%(ash) and wt 60%(ore). We have all kinds of MS series slurry pumps, all of which can be made of directly driven (DC),directly driven via hydraulic coupling(HC), belt driven , frequency control and they can be operated in tandem and parallel positions according to the requirements of the customer.

Performance and Main Techincal Datas of MS Slurry Pumps

Type	Allowance Max	Clear water performance						
	Power of Ass Motor (KW)	Capacity Q (m3/h)	Head H (m)	Speed n (r/min)	Efficiency η (%)	NPSH Capecity (NPSH)r (m)	Particle Max Size (mm)	Weight of the pump (kg)
300MS-100	450	464-1826	15.3-65.2	300-590	81.0	2.0	88	5265
300MS-95	400	441-1735	13.8-58.8	300-590	78.1	3.0	88	5220
300MS-90	560	505-1844	21.2-79.9	400-730	82.8	3.9	85	5005
300MS-85	450	477-1742	18.9-71.3	400-730	79.8	3.8	85	4965
300MS-70	630	635-2333	16.0-76.8	490-980	80.4	3.9	92	3560
300MS-65	500	589-2166	13.8-66.2	490-980	77.4	3.7	92	3531
300MS-56	250	395-1568	9.7-46.0	490-980	80.9	3.5	96	3030
250MS-103	560	402-1573	29.7-110.5	400-730	74.5	2.8	69	5085
250MS-96	560	403-1466	25.4-93.7	400-730	77.8	3.5	69	5035
250MS-90	450	378-1374	22.3-82.4	400-730	73.8	3.4	69	4980
250MS-85	800	376-1504	30.1-128.7	490-980	76.5	3.5	76	4530
250MS-83	800	367-1469	28.7-122.7	490-980	75.5	3.5	76	4514
250MS-80	710	354-1416	26.7-114.0	490-980	73.5	3.4	76	4490
250MS-78	630	415-1796	21.1-102.5	490-980	71.5	3.2	76	4474
250MS-75	560	300-1480	20.8-97.5	490-980	77.5	3.0	72	3480

250MS-73	500	292-1441	19.7-92.4	490-980	76.5	3.0	72	3466
250MS-70	450	280-1381	18.1-84.9	490-980	74.5	2.9	72	3446
250MS-68	450	272-1342	17.1-80.1	490-980	73.5	2.7	72	3432
250MS-65	315	299-1249	15.4-71.0	490-980	76.9	3.0	72	3020
250MS-63	315	290-1211	14.4-66.7	490-980	75.9	3.0	72	3008
250MS-60	280	276-1153	13.1-60.5	490-980	73.9	2.8	72	2991
200MS-85	560	221-907	32.0-133.7	490-980	70.5	2.8	54	4110
200MS-75	355	225-900	22.8-102.9	490-980	74.1	3.0	56	3070
200MS-73	355	219-876	21.6-97.5	490-980	73.1	3.0	56	3056
200MS-70	315	205-976	19.4-86.4	490-980	75.6	2.8	56	2465
200MS-68	315	199-948	18.3-81.5	490-980	74.6	2.8	56	2453
200MS-65	250	235-950	16.4-72.0	490-980	79.6	2.5	62	2323
200MS-63	250	228-921	15.4-67.6	490-980	78.6	2.5	62	2311
200MS-60	185	218-870	13.9-62.0	490-980	82.7	2.5	62	2223
200MS-58	185	211-841	13.0-57.9	490-980	81.7	2.5	62	2214
150MS-71	220	142-552	21.8-93.8	490-980				
150MS-70	185	93-401	20.0-91.2	490-980	62.3	2.0	37	2245
150MS-65	200	150-600	17.4-75.7	490-980	70.8	2.5	48	2223
150MS-63	185	146-582	16.3-71.1	490-980	69.8	2.5	48	2211
150MS-60	160	135-550	14.7-63.5	490-980	75.9	2.5	48	2203
150MS-58	132	131-532	13.7-61.0	490-980	69.1	2.0	75	2063
150MS-58C	160	134-596	12.8-53.4	490-980	71.6	2.3	48	2019
150MS-57	110	95-427	13.2-56.3	490-980	67.8	1.8	32	2023
150MS-55	110	124-504	12.3-53.4	490-980	72.9		48	2019
150MS-50	75	115-460	9.5-43.1	490-980	76.8	2.5	48	1735
150MS-48	75	111-442	8.7-39.7	490-980	75.8	2.5	48	1728
150MS-42C	13	142-550	12.1-62.8	700-1480	77.1	2.2	69	1605
100MS-50	160	85-360	20.5-100.2	700-1480	69.6	2.5	34	1475
100MS-46	132	79-331	13.7-84.8	700-1480	67.6	2.3	34	1461
100MS-42	90	66-275	14.7-70.8	700-1480	71.0	2.5	35	1075
100MS-42B	90	83-365	12.7-66.8	700-1480	71.6	2.5	40	
100MS-39	75	61-255	12.6-61.0	700-1480	69.0	2.4	35	1064
100MS-36	55	61-245	9.7-49.5	700-1480	71.6	2.0	32	1010
100MS-33	45	56-225	8.2-41.6	700-1480	69.6	1.8	32	1003
80MS-52	160	51-242	22.1-109.8	700-1480	56.3	2.1	21	1465
80MS-42	75	61-204	14.4-70.4	700-1480	66.7	2.5	24	1053
80MS-39	55	57-189	12.4-60.7	700-1480	64.7	2.4	24	1042
80MS-36	45	46-190	9.6-51.4	700-1480	67.7	2.4	24	980
80MS-33	37	43-174	8.0-43.2	700-1480	65.7	2.3	24	973
65MS-30	15	23-79	7.4-34.8	700-1460	63.5	2.0	19	504
65MS-27	11	20-71	6.0-28.2	700-1460	61.5	1.8	19	500
50MS-50	90	27-111	22.3-110.7	700-1480	45.1	3.0	13	1378
50MS-46	55	23-94	17.9-85.8	700-1480	44.7	1.4	13	1082
50MS-33	18.5	12-54	7.7-42.5	700-1480	42.1	2.9	13	537
40MS-19	15	8-35	12.8-57.1	1430-2930	58.8	1.3	11	173
40MS-17	7.5	4-23	9.0-44.6	1400-2900	52.4	2.5	11	121
150MSL-35	37	99-364	3.0-17.9	490-980	68.1		15	800
100MSL-34	45	74-293	5.5-36.8	700-1480	65.8		14	630
80MSL-36	45	50-201	7.3-45.5	700-1480	58.2		10	650
65MSL-30	18.5	18-98	5.9-34.7	700-1470	53.7		8	440
50MSL-20	4	8-38	1.4-10.7	700-1440	38.6		10	240