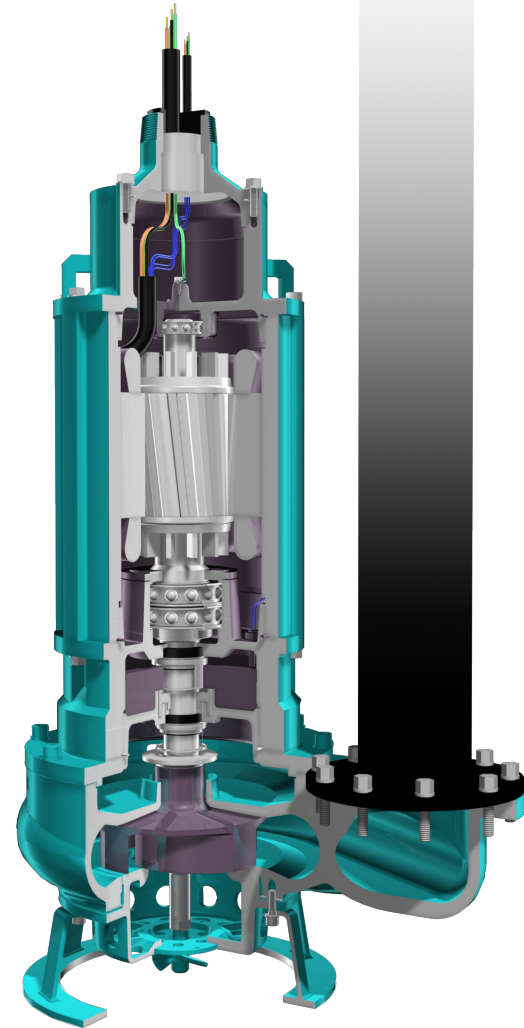


MSP Submersible Slurry Pumps

MSP Key Features:

- Simple modular design
- High chrome 28 wet-end and optional CD4
- Epoxy painted cast iron motor housing
- Reliable North American motors from 5-200 Horsepower
- 2" to 10" discharge sizes available
- Selections up to 200 feet of head and 6000 GPM
- Certified Townley rebuild service
- Double isolation mechanical seals reduce common failures found in other pumps
- Most sizes in stock
- Optional mechanical mixers, jet ring mixers, flex hose, check valves, and control boxes available
- Class F, H, and Townley's Super H (high temperature) motors available
- Super H (high temperature) motors can operate in fluids up to 90°C/194°F depending on application
- Pumps slurries with up to 50% solids.
- Motor inlet cables sealed in epoxy to ensure a leak-free seal
- Explosion-proof motors available
- Handles pH levels of 4.0 to 11.0 in standard materials
- Impellers trimmed to the design point
- Motor cable lengths available up to 100 feet



Applications

Power Plants

- Coal pile run-off
- Coal tunnel wash down sumps
- Bottom ash sumps
- Fly ash & precipitator sumps
- Ash pond float sumps
- Plant waste clean-up sumps

Sand & Clay Mining

- Kaolin clay
- Sand transport
- Clarifier sludge
- Red mud decanting
- Limestone slurries

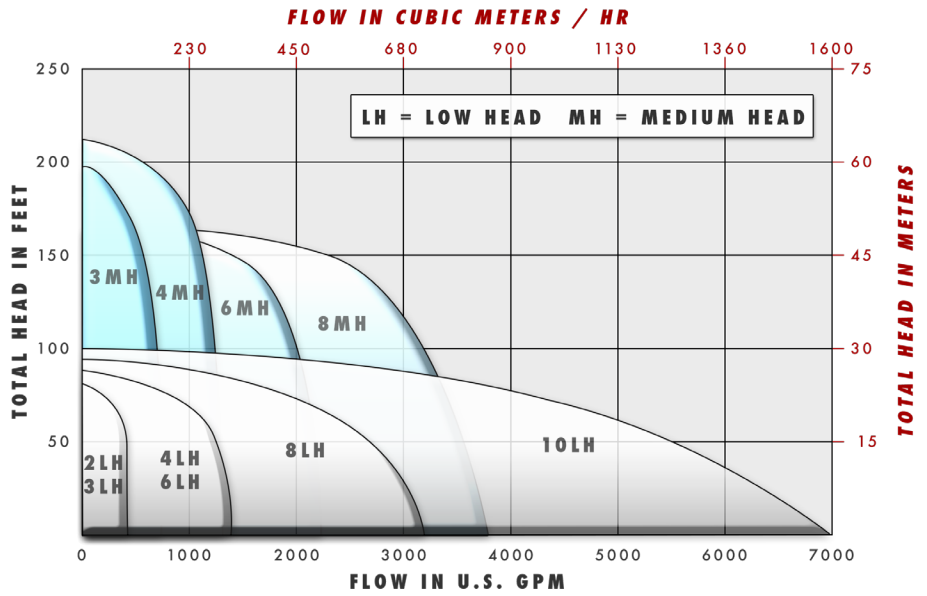
Mineral Extraction & Processing

- Ball and Sag Mill runoff
- Cyclone Feed
- Magnetite Recovery
- Concentrate Sump
- Red Mud Decanting

- Thickener Drain or Thickener Underflow Sump
- Classifier Sludge
- Slurry Transport Tailings Sumps
- Mill Rougher Sump

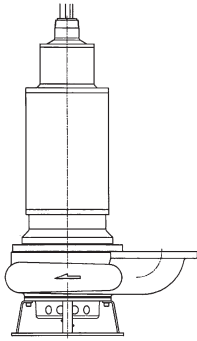
Engineering Data

- Series MSP® submersible pump motors are available with UL UL explosion-proof labels
- Series MSP® submersible pumps require no in-sump bolting or support structure
- Complete supply of pump, discharge hose, valves and controls available as an engineered system
- Pump curves display wire to water efficiencies



2" - 6" Series MSP® LH Pump Models

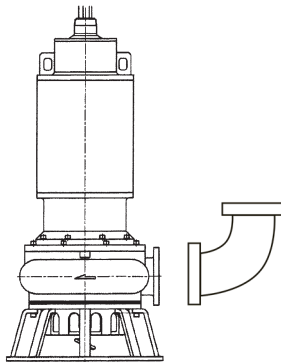
Integral elbow cast into casing eliminates need for an additional elbow



6" MH - 10" Series MSP® LH Pump Models

Standard 125 lb ANSI drilled discharge flanges

High-Chrome cast elbows available



Series MSP® Motor Data

Model	HP/(KW)	Freq. (HZ) F.L.RPM	Motor Frame Size	Voltage	Pump/Motor Weight/Lbs.
2" MSP	5 (3.7)	60/1755	180TY	230/460 or 575	350
	7.5 (5.5)	60/1755	180TY	230/460 or 575	350
3" MSP	10 (7.35)	60/1755	210TYS	230/460 or 575	465
	15 (11)	60/1755	210TYS	230/460 or 575	747
3" MH MSP	25 (18.6)	60/1755	250TY	230/460 or 575	747
	30 (22)	60/1755	250TY	230/460 or 575	747
4" MSP	10 (7.35)	60/1755	210TYS	230/460 or 575	518
	15 (11)	60/1755	210TYS	230/460 or 575	518
4" MH MSP	20 (14.7)	60/1755	210TYS	230/460 or 575	518
	40 (29.4)	60/1755	320TYS	460/575	1489
6" MSP	75 (55.12)	60/1755	360TYS	460/575	1489
	30 (22)	60/1755	250TY	460/575	1058
6" MH MSP	40 (29.2)	60/1755	250TY	460/575	1058
	50 (36.7)	60/1755	320TYS	460/575	1462
8" MSP	60 (44.12)	60/1170	320TY	460/575	2220
	75 (55.12)	60/1170	360TYS	460/575	2220
8" MH MSP	100 (73.53)	60/1170	360TYS	460/575	2570
	125 (91.9)	60/1170	360TYS	460/575	2570
10" MSP	40 (29.4)	60/1160	320TY	460/575	2020
	50 (36.7)	60/1160	320TY	460/575	2020
10" MH MSP	60 (44.12)	60/1160	320TY	460/575	2020
	75 (55.15)	60/1170	360TYS	460/575	2370
10" MH MSP	75 (55.15)	60/1170	360TYS	460/575	2370
	125 (91.9)	60/1170	360TYS	460/575	2370
10" MH MSP	150 (111.9)	60/1170	360TYS	460/575	3200
	125 (91.9)	60/880	360TYS	460/575	2370
10" MH MSP	150 (111.9)	60/880	360TYS	460/575	3200
	200 (149)	60/880	440TY	460/575	4800

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