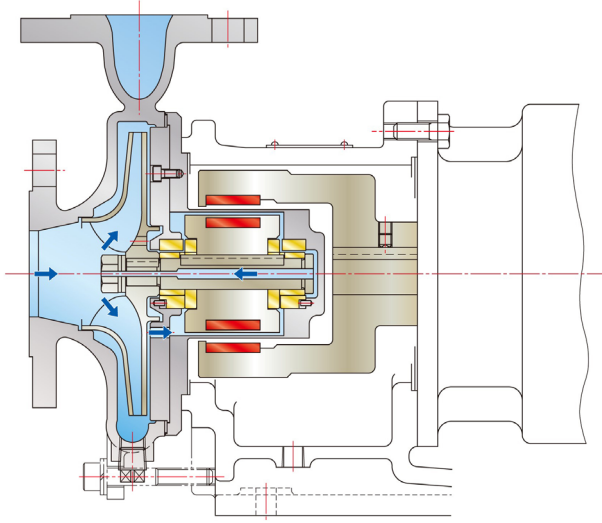


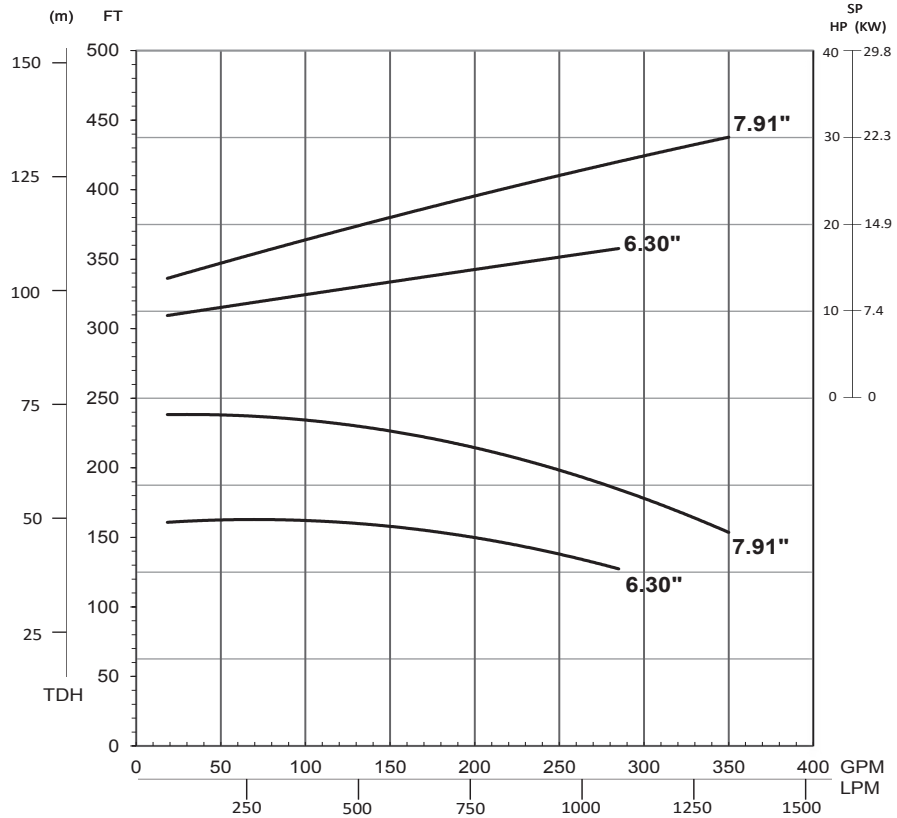
MP 8420

- Silicon Carbide “-D” Bearings allow for limited dry run operation
 - Single gasket eliminates multiple leak paths found in competitive designs
 - One-piece non-welded machined robust rear casing
 - High strength rare earth magnets
 - Straddle-mounted and double bearing design prevents shaft deflection and bearing wear
 - NEMA Motor provides endless motor possibilities
 - Temp range: -22°F to 302°F
- *Consult factory for low temperature (as low as -112°F) and high temperature (up to 536°F) applications.



| Part Name | Material |
|--------------|-----------------|
| Front Casing | Stainless Steel |
| Rear Casing | Stainless Steel |
| Impeller | Stainless Steel |
| Shaft | Stainless Steel |
| Thrust Ring | SiC |
| Sleeve | SiC-D |
| Bearing | SiC |
| Gasket | PTFE |

| PUMP SIZE | MOTOR | | CAPACITY | | |
|-----------|----------------|-------------|---------------------|------------------|---------------------|
| | FRAME SIZE | OUTPUT (HP) | Min. Flow GPM (LPM) | Max. Head Ft (m) | Max. Flow GPM (LPM) |
| MP8420 | 182TC 184TC | 5 | 18.5 (70) | 235 (71.6) | 350 (1324.8) |
| | 213TC | 7 1/2 | | | |
| | 215TC | 10 | | | |
| | 254TC | 15 | | | |
| | 256TC | 20 | | | |



| BORE | | | | DIMENSION inches(mm) | | | | | | | | | | | | | PUMP WEIGHT APPROX. (less motor) lb (kg) |
|-----------|------------------|---------------|------------------|----------------------|----------------|---------------|---------------|----------------|---------------|----------------|--------------|----------------|----------------|---------------|--------------|--------------|--|
| SUCTION | | DISCHARGE | | A | B | H | I | LH | G | L1 | L2 | L3 | B2 | B3 | t | FD | |
| ds | S | dd | D | | | | | | | | | | | | | | |
| 3 (80) | ASME 150lb RF | 1 1/2 (40) | ASME 150lb RF | 4.02 (102) | 10.94 (278) | 9.02 (229) | 8.46 (215) | 17.48 (444) | 7.09 (180) | 16.03 (407) | 2.01 (51) | 12.01 (305) | 10.00 (254) | 7.99 (203) | 0.79 (20) | 0.59 (15) | 163.1 (74) |
| | | | | | | | | | | | | | | | | | 167.5 (76) |
| | | | | | | | | | | | | | | | | | 202.8 (92) |

