



CL150

Pump Model

CL150MDSS – 316 Stainless Steel

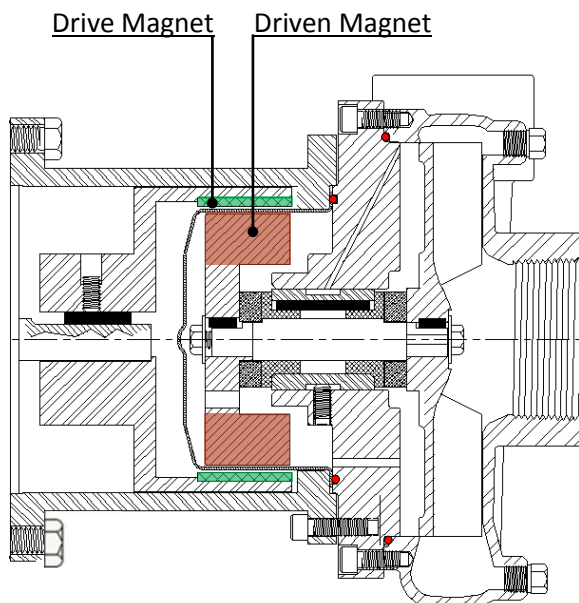
Features

- Leak-proof, magnetic drive
- Eliminates seals to reduce friction wear
- High temperature capacity
- Threaded pump connections

Applications

- Toxic or Explosive Fluids
- Aggressive Chemicals
- Biodiesel Production
- Water Treatment
- Galvanic Processes, Surface Treatments
- Scrubber Applications
- Pharmaceutical Industry
- Vapor Degreasers

Cross Section - Magnets

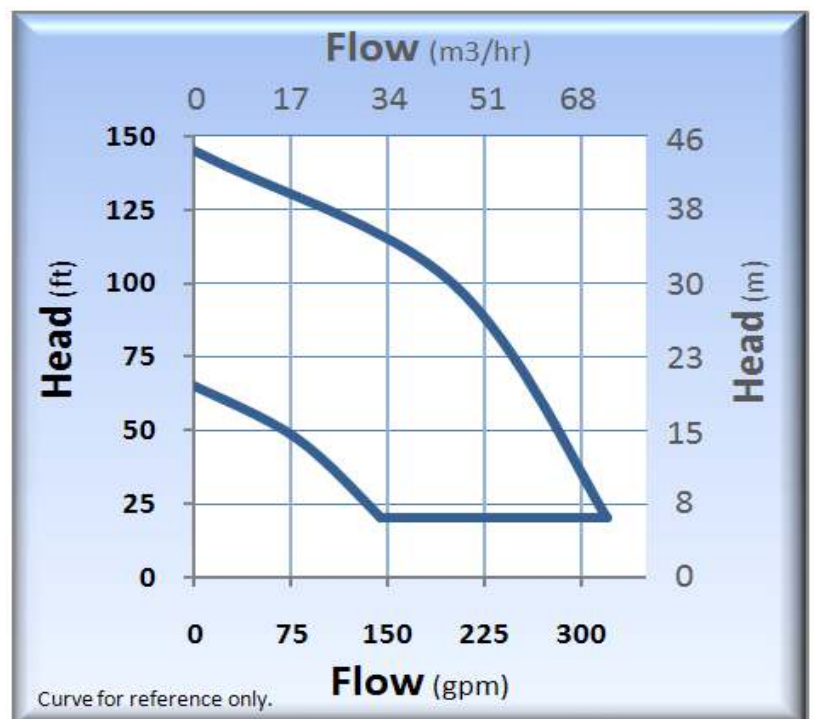


Standard Specifications

- CL150MD Discharge 1-1/2" FNPT, Suction 2" FNPT
- Maximum Impeller Diameter: 5.76"
- Impeller Material: 316SS
- Motor: NEMA C Face
- O-rings: Viton
- Bushings: Carbon Graphite
- Thrust Washers: Ceramic
- Magnets: Samarium Cobalt

Note: Contact factory for additional options

Performance Curve – 60 Hz



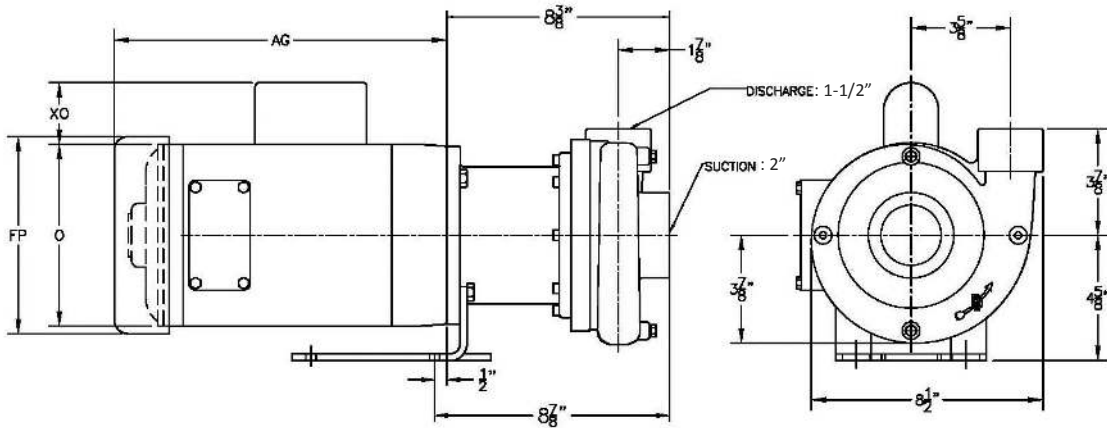
CL150 (MAG DRIVE)

Technical Information	
Max Flow	320 GPM (73 m3/hr)
Max Head	145 feet (44 m)
Min. Flow	40 GPM (9 m3/hr)
Max Working Pressure	300 PSI (20.7 bar)
Max Temp.	350°F (177°C)*

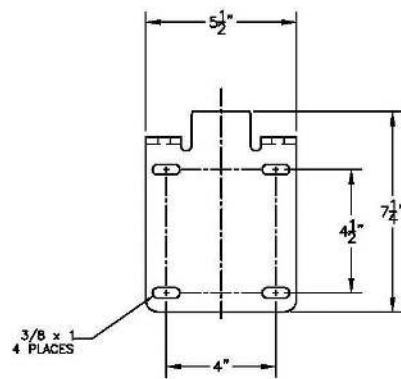
* Temperature limits will vary depending on O-ring material and type of liquid being pumped.

Materials of Construction	
2MS75MD	SS
Volute	316 Stainless Steel
Impeller	316 Stainless Steel
Bracket	316 Stainless Steel
Fasteners	316 Stainless Steel
O-ring	Viton (STD), Teflon, Buna, EPR, Neoprene, Kalrez, & Fluoro-Silicon
Shaft	316 Stainless Steel (STD), Tungsten Carbide Coated
Bushings	Carbon (STD), Silicon Carbide
Thrust Washers	Ceramic (STD), Silicon Carbide
Magnet Cup	316 Stainless Steel
Magnets	Samarium Cobalt

Dimensions (CL150 Mag-Drive)



MOTOR END DIMENSIONS						
HP	RPM	FRM	AG	FP	O	XO
1/4	1800	56C	7 3/4	6 1/8	5 3/8	2 1/16
1/3	1800	56C	8 1/4	6 1/8	5 3/8	2 1/16
1/2	1800	56C	8 3/4	6 1/8	5 3/8	2 1/16
1/3	3600	56C	8 1/2	6 1/8	5 3/8	2 1/16
1/2	3600	56C	8 3/4	6 1/8	5 3/8	2 1/16
3/4	3600	56C	9 1/4	6 1/8	5 3/8	2 1/16
1	3600	56C	9 3/4	6 1/8	5 3/8	2 1/16
1-1/2	3600	56C	10 1/2	7 3/16	6 7/8	2 1/4
2	3600	56C	11 1/8	7 3/16	6 7/8	2 1/4
3	3600	56C	12 3/8	7 3/16	6 7/8	2 1/4



NOTE:
 MOTOR DIMENSIONS WILL VARY BY MODEL AND MAKE,
 DIMENSIONS ARE TO BE USED FOR REFERENCE ONLY.
 ALL DIMENSIONS HAVE BEEN ROUNDED TO THE NEAREST 1/8"
 * Motors above 3 HP require VFD or soft starter.

**Contact factory for special pump configurations,
 same day, and next day delivery options.**

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