



## CL150

### Pump Model

CL150MDSS – 316 Stainless Steel

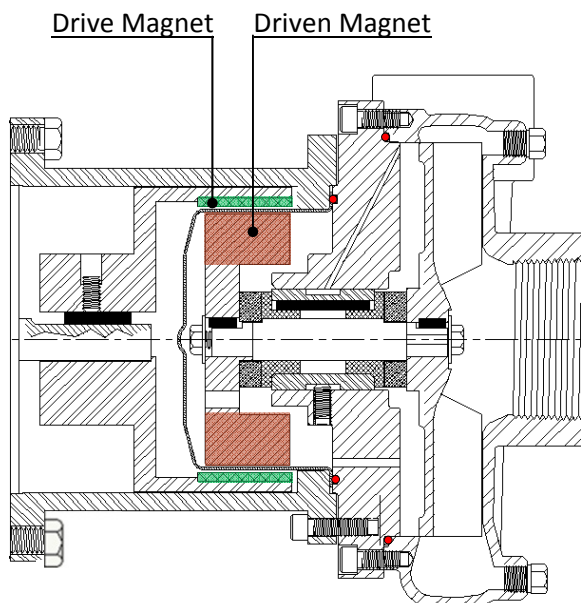
### Features

- 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

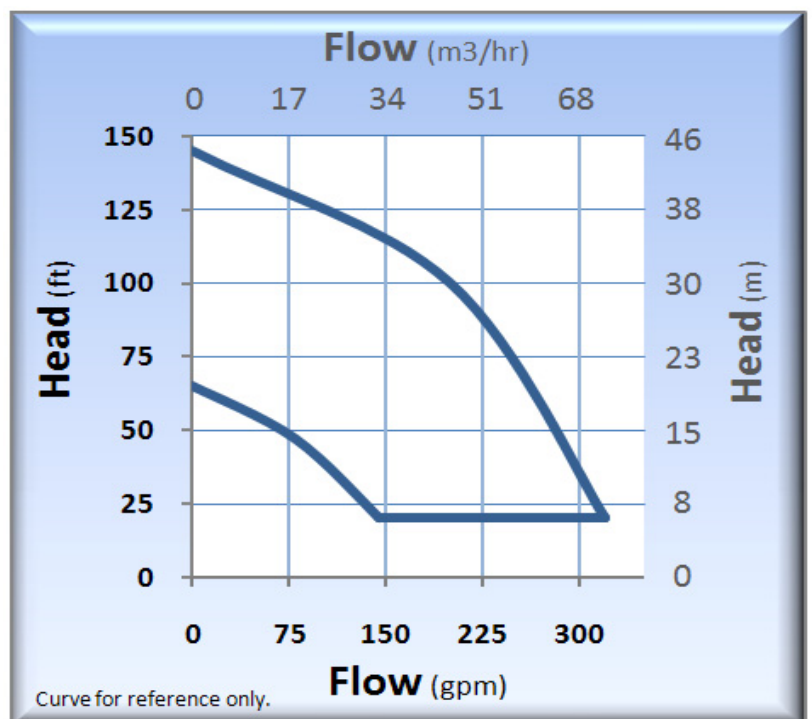


### Standard Specifications

- 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



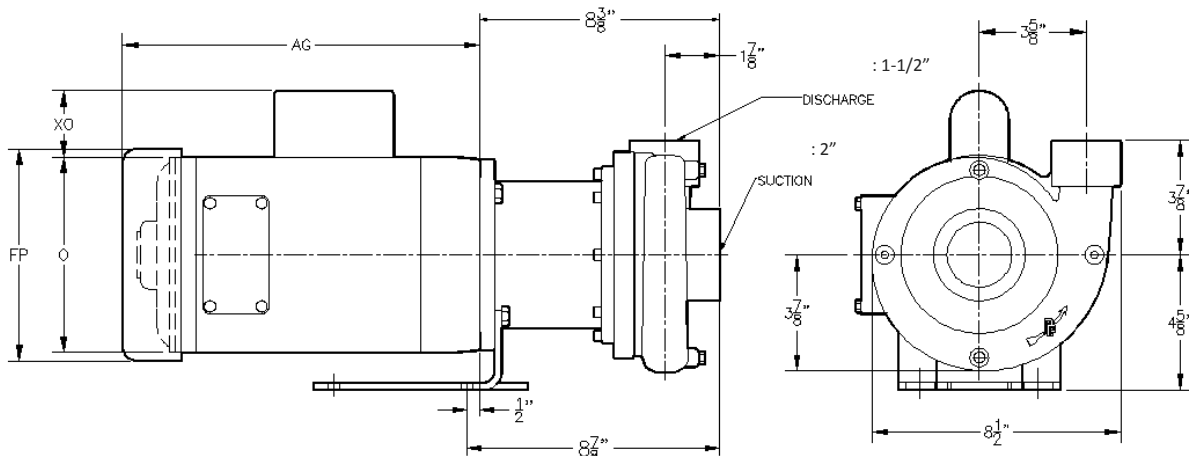
# CL150 (MAG DRIVE)

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

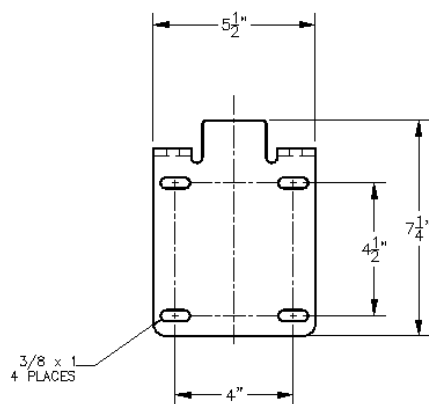
## Dimensions (CL150 Mag-Drive)



HP	RPM	FRM	MOTOR END DIMENSIONS			
			AG	FP	O	XD
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
5	3600	184C	13 5/8	8 1/2	7 7/8	2 1/4
7-1/2	3600	184C	15 1/8	8 1/2	7 7/8	2 1/4
10	3600	184C	16 5/8	10 3/16	9 5/8	2 3/8

**Note:**

Motors 5 HP and above require VFD or soft starter. Motor dimensions are for reference only and will vary by model and make.



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

