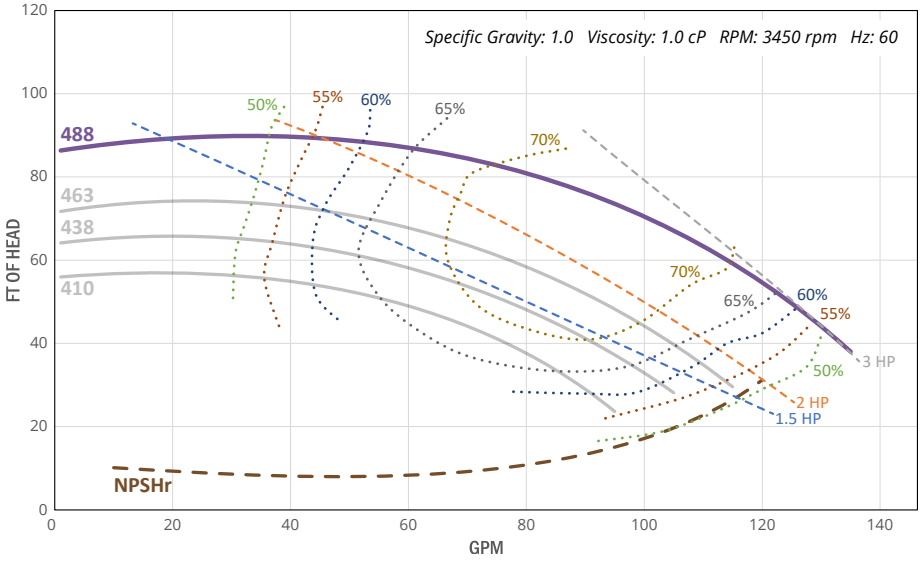
# MC13-488
## PERFORMANCE & DIMENSIONS

MAGNEVO PUMPS
EXPERTS IN MAGNETIC DRIVE PUMPS

| | | | |
|---|---|---|---|
| Inlet (FNPT) | 2″ | HP | 3 |
| Outlet (MNPT) | 1.5″ | Voltage | 230/460 |
| Max Flow (GPM) | 135 | Phase | 3 |
| Max Head | 90′ | Amps | 7.0/3.5 |

*Max. operating temperature: 180 °F*




*All curves based upon pumping water at sea level, ambient temperatures 68 °F (20 °C).*

## DIMENSIONS

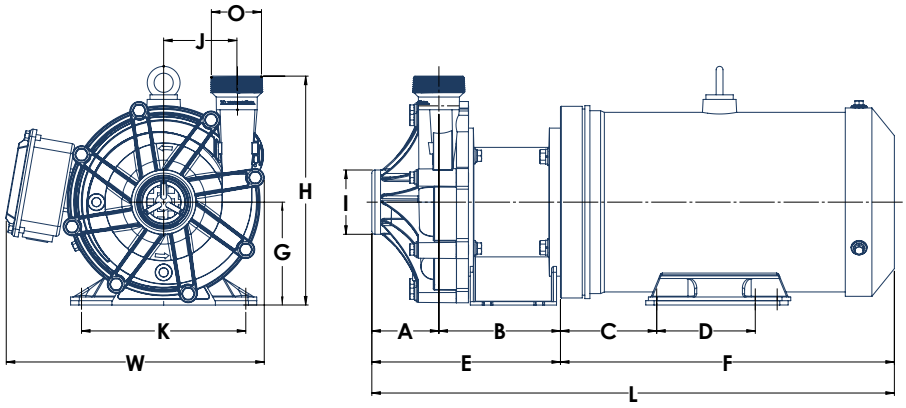



*Diagram is for illustrative purposes. Dimensions are for reference only. Pump configurations may vary by model. Do not use for construction purposes.*

**I** = Suction **O** = Discharge **L/H/W** = Envelope Dimensions

## LIQUID END MATERIALS OF CONSTRUCTION

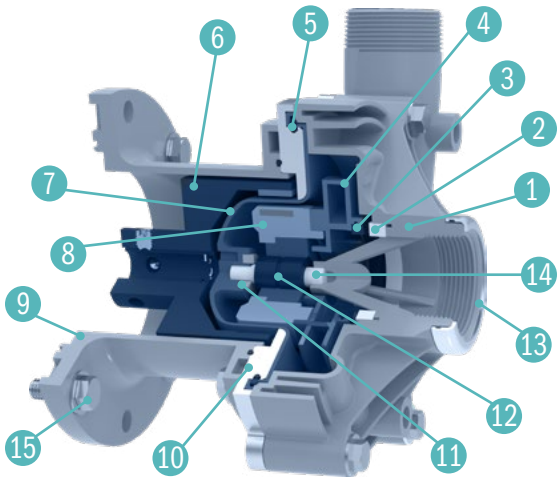



*Diagram is for illustrative purposes. Pump configurations may vary by model.*

| DESCRIPTION | STANDARD |
|---|---|
| **1** Front Pump Housing | GFRPP |
| **2** Front Thrust Ring | Alumina ceramic |
| **3** Impeller Thrust Ring | PTFE |
| **4** Impeller | GFRPP |
| **5** O-Rings | FKM |
| **6** Outer Drive Magnet | Nd/epoxy-coated steel |
| **7** Containment Shell | GFRPP |
| **8** Inner Drive Magnet | Neodymium/PP |
| **9** Motor Bracket | GFRPP |
| **10** Pump Housing Support | 316L stainless steel |
| **11** Rear Thrust Ring | Alumina ceramic |
| **12** Bushing | Carbon graphite |
| **13** Inlet Ring | 316L stainless steel |
| **14** Shaft | Alumina ceramic |
| **15** Hardware | 316 stainless steel |

*Additional materials of construction are available. Please refer to factory.*

*Scan for complete MC Series specifications, performance curves, and documentation.*

| MOTOR FRAME | A | B | C | D | E | F | G | H | I (NPT) Suction | J | K | L | O (NPT) Discharge | W |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NEMA 145TC | 3.06 | 5.5 | 2.85 | 4 | 8.61 | 12 | 4.70 | 10.45 | 2 | 3.37 | 5.5 | 20.61 | 1.5 | 10.12 |

## MOTOR DATA

| RPM | ENCL | RATING | FRAME | S.F. | DUTY | FLA | INS CLASS | EFF | INVERTER READY | CONSTRUCTION |
|---|---|---|---|---|---|---|---|---|---|---|
| 3450 | TEFC | IP55 | 145TC | 1.15 | Cont | 7.0/3.5 | F | 86.5 | Y | Steel painted |