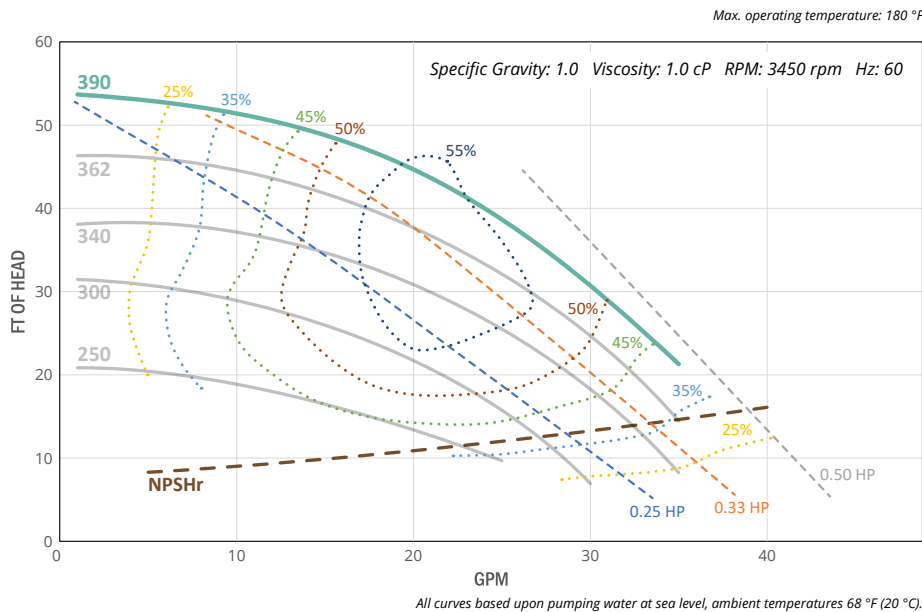


# MC4-390

## PERFORMANCE & DIMENSIONS

|                      |     |               |         |
|----------------------|-----|---------------|---------|
| Inlet (FNPT) .....   | 1"  | HP .....      | 0.5     |
| Outlet (MNPT) .....  | 1"  | Voltage ..... | 115/230 |
| Max Flow (GPM) ..... | 40  | Phase .....   | 1       |
| Max Head .....       | 54' | Amps .....    | 6.2/3.1 |



### DIMENSIONS

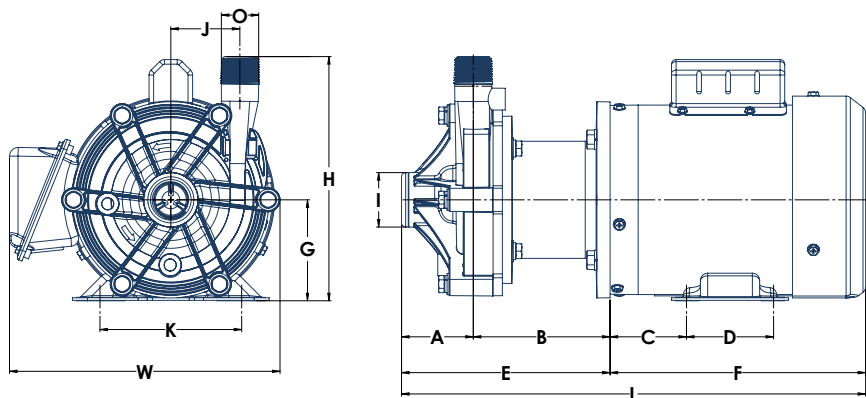


Diagram is for illustrative purposes. Dimensions are for reference only. Pump configurations may vary by model. Do not use for construction purposes.

I = Suction

O = Discharge

L/H/W = Envelope Dimensions

| MOTOR FRAME | A    | B    | C    | D | E    | F   | G    | H    | I (NPT)<br>Suction | J    | K    | L     | O (NPT)<br>Discharge | W    |
|-------------|------|------|------|---|------|-----|------|------|--------------------|------|------|-------|----------------------|------|
| NEMA 56C    | 2.47 | 4.68 | 2.63 | 3 | 7.18 | 8.8 | 3.48 | 8.41 | 1                  | 2.38 | 4.88 | 15.98 | 1                    | 9.13 |

### MOTOR DATA

| RPM  | ENCL | RATING | FRAME | S.F. | DUTY | FLA     | INS CLASS | EFF | INVERTER READY | CONSTRUCTION  |
|------|------|--------|-------|------|------|---------|-----------|-----|----------------|---------------|
| 3450 | TEFC | IP55   | 56C   | 1.15 | Cont | 6.2/3.1 | F         | 63  | Y              | Steel painted |

### LIQUID END MATERIALS OF CONSTRUCTION

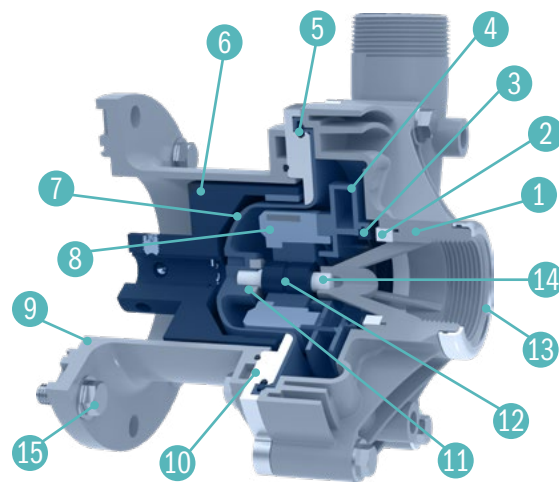


Diagram is for illustrative purposes. Pump configurations may vary by model.

| 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     | Silicon carbide       |
| 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.