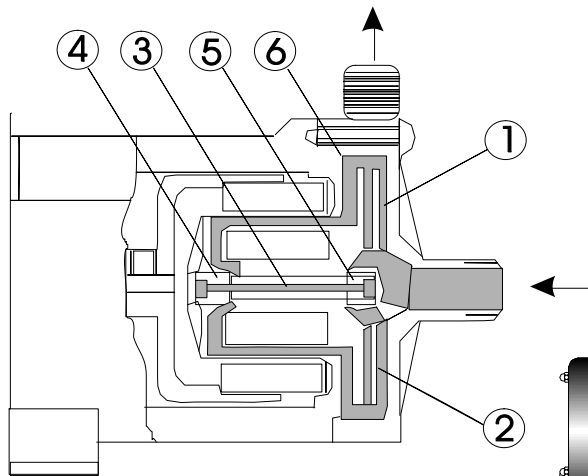
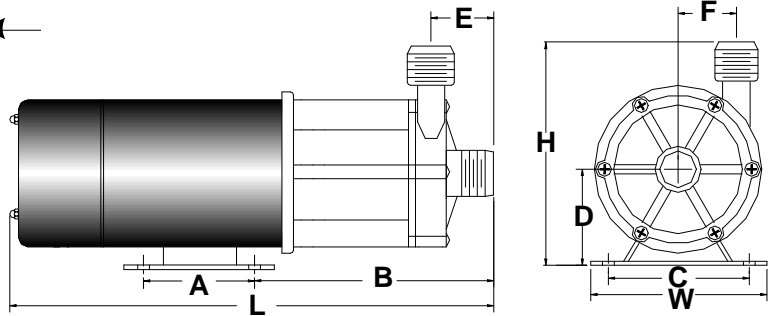


- Twin bearing system handles thrust loads, extends service life
- Hollow rotating / Internal cooling circuit reduces bearing temperature
- Compact / Quiet energy efficient design
- Few moving parts for easy maintenance
- Other sizes, voltages & materials available



| Part | Material |
|---------------|---------------|
| 1 Casing | GFRPP |
| 2 Impeller | GFRPP |
| 3 Spindle | Ceramic |
| 4 Bearing | PTFE |
| 5 Thrust ring | Ceramic or PE |
| 6 O-ring | FKM or EPDM |



Dimensions (inches) and Specifications

| Model | W | H | L | A | B | C | D | E | F |
|------------|------|------|-------|------|------|------|------|------|------|
| MD-30R(T) | 4.72 | 5.12 | 9.76 | 1.57 | 5.87 | 3.94 | 2.36 | 1.89 | 1.22 |
| MD-30RX(T) | 4.72 | 5.51 | 10.00 | 1.57 | 6.10 | 3.94 | 2.36 | 1.97 | 40+ |
| MD-30RZ(T) | 4.72 | 5.12 | 9.05 | 1.57 | 5.16 | 3.94 | 2.36 | 1.56 | 1.53 |
| MD-40R(T) | 4.72 | 5.12 | 9.85 | 1.57 | 5.87 | 3.94 | 2.36 | 1.89 | 1.22 |
| MD-40RX(T) | 4.72 | 5.51 | 10.08 | 1.57 | 6.10 | 3.94 | 2.36 | 1.97 | 43+ |

+ Degrees offset from vertical

| Model | CONNECTIONS | | MOTOR | | AMPS 115V | MAX FLOW GPM | MAX HEAD FT | MAX SYS PRESSURE PSI | S.G. | WEIGHT LBS |
|------------|-------------|------|----------------|----------------|--------------|--------------------|-------------------|----------------------------|------|---------------|
| | HOSE | NPTM | OUTPUT (HP) | SPEED (RPM) | | | | | | |
| MD-30R(T) | 3/4 | 3/4 | 1/16 | 3150 | 1.0 | 10.0 | 17.7 | 11.6 | 1.3 | 7.7 |
| MD-30RX(T) | 1 | 1 | 1/16 | 3150 | 1.1 | 19.0 | 13.5 | 8.54 | 1.1 | 8.82 |
| MD-30RZ(T) | 5/8 | 3/4 | 1/16 | 3100 | 1.1 | 4.50 | 36.1 | 24.18 | 1.0 | 7.70 |
| MD-40R(T) | 3/4 | 3/4 | 1/12 | 3200 | 1.3 | 13.7 | 21.3 | 14.22 | 1.1 | 8.60 |
| MD-40RX(T) | 1 | 1 | 1/12 | 3200 | 1.2 | 22.4 | 15.4 | 9.95 | 1.1 | 8.60 |