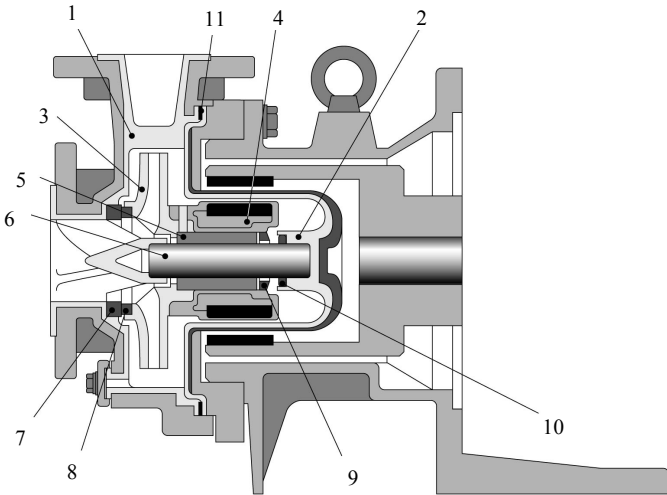
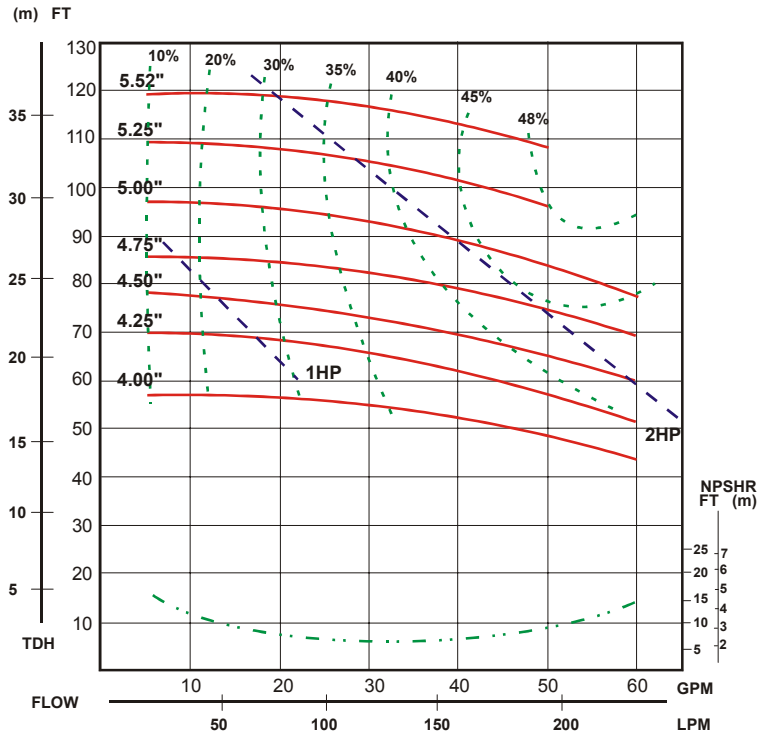


MDM-1516 3 HP

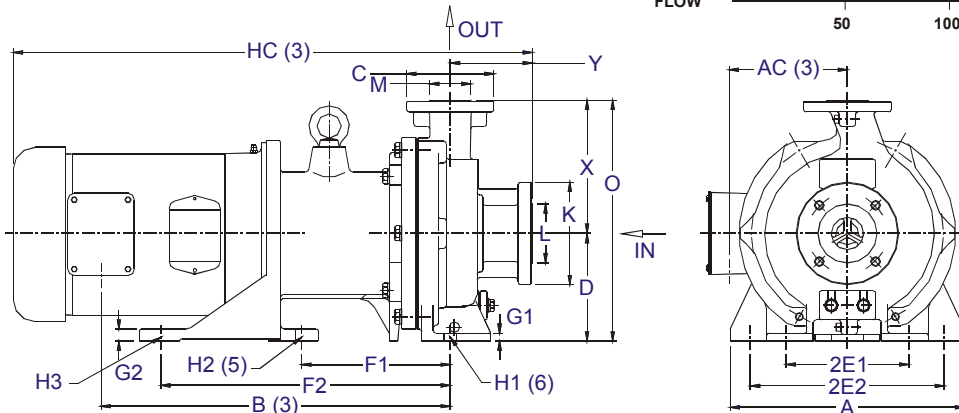
- ❑ Non-contact Bearing System allows dry run operation (CF models only)
- ❑ Simple, rugged design
- ❑ Corrosion resistant ETFE & PFA internals
- ❑ Spline/pinned impeller design (pat. pending) provides positive locking of impeller/inner magnet while still allowing for individual replacement of each part
- ❑ PFA version temperatures to 302°F



| Part | Material | | |
|--------------------------------|--|------|-----|
| | ECF | EKK | PKK |
| 1 Front casing | CFRETFE (carbon fiber reinforced ETFE) | | PFA |
| 2 Containment shell | | | |
| 3 Impeller | | | |
| 4 Inner magnet assy | | | |
| 5 Bearing | High density carbon | SiC | |
| 6 Shaft | High purity alumina ceramic | | |
| 7 Front outboard thrust collar | | | |
| 8 Front inboard thrust collar | PTFE | | |
| 9 Rear inboard thrust collar | High purity alumina ceramic | | |
| 10 Rear outboard thrust collar | PTFE (filler charged) | PTFE | |
| 11 Gasket | PTFE | | |



Dimensions (inches) and Specifications
Note: Will vary by motor manufacturer



| A | AC(3) | B(3) | D | 2E1 | 2E2 | F1 | F2 | G1 | G2 | H1 (6) | H2 (5) | H3 | HC (3) | O | X | Y |
|----------|-------|------------------|------|-------------------|------|-------------------|-------|--------------|------|--------------|--------|------|--------|-------|------|------|
| 11.42 | 5.76 | 17.01 | 5.26 | 5.98 | 9.45 | 7.24 | 14.09 | 0.39 | 0.59 | 0.63 | 0.63 | 0.63 | 25.29 | 11.76 | 6.50 | 4.00 |
| HP/Frame | | Connection Sizes | | Min Flow/Max Head | | Standard Capacity | | Max Capacity | | Pump Weight* | | K | L | C | M | |
| 3/182TC | | 1.5 x 1 | | 5/120 | | 20 | | 60 | | 110 | | 5.00 | 2.87 | 4.25 | 2.00 | |

* Pump end only. Does not include motor.