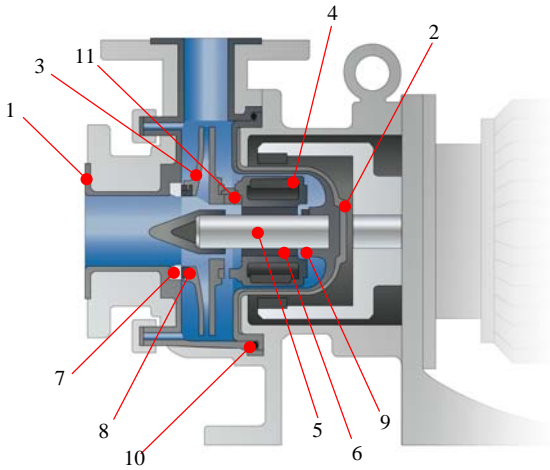


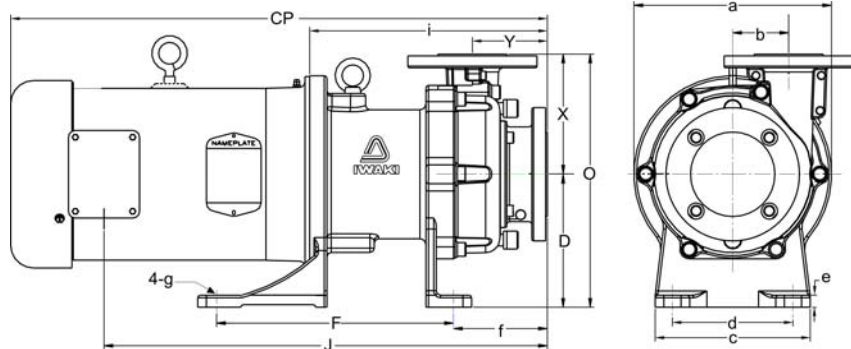
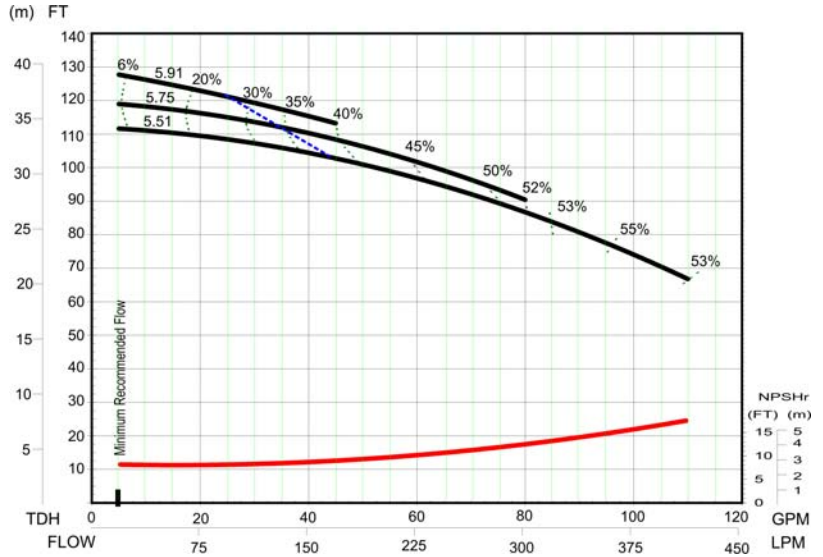


MXM54-1

- Non-contact bearing system (CF model code) allows dry operation
- Simple, rugged design
- Back pull-out design
- Splined/pinned impeller design provides positive locking of impeller/inner magnet while still allowing for individual replacement of each part



| No. | Name | Material | | |
|-----|----------------------|---------------------------------------|---------|-----|
| | | CF | FF | KK |
| 1 | Front Casing | CFRETFE | | |
| 2 | Rear Casing | | | |
| 3 | Impeller | | | |
| 4 | Magnet capsule | | | |
| 5 | Spindle | Alumina Ceramic | SiC | |
| 6 | Bearing | Carbon | Ceramic | SiC |
| 7 | Liner ring | Alumina Ceramic | | SiC |
| 8 | Mouth ring | PTFE | | SiC |
| 9 | Rear thrust ring | CFRPFA | | |
| 10 | O-ring | FKM/EPDM/Aflas®/ Dal-el Perfluoro® | | |
| 11 | Impeller locking pin | CFRETFE | | |



Dimensions inches (mm)

* Varies according to motor manufacturer

| Model | a | b | c | d | D | e | f | F | g | i | j | O | X | Y | CP* |
|---------|----------------|---------------|----------------|----------------|----------------|----------------|----------------|-----------------|----------------|-----------------|-----------------|-----------------|----------------|---------------|------------------|
| MXM-542 | | | | | | | | | | 11.5 (292.1) | | | | | 21.90 (556.2) |
| MXM-543 | 9.9 (251.4) | 2.6 (66.0) | 7.1 (180.3) | 5.5 (139.7) | 6.1 (154.9) | 0.55 (14.0) | 4.2 (106.6) | 10.8 (274.3) | 0.55 (14.0) | 10.9 (276.9) | 18.5 (469.9) | 11.6 (294.6) | 5.5 (139.7) | 3.4 (86.4) | 24.70 (627.3) |
| MXM-545 | | | | | | | | | | 10.9 (276.9) | | | | | 24.70 (627.3) |

| Model | Suct x Disch | Minimum Flow (GPM) | Max Head (ft) | Maximum Capacity (GPM) | Motor /Frame | Pump Weight (lbs) |
|---------|--------------|--------------------|---------------|------------------------|--------------|-------------------|
| MXM-542 | 2.0" x 1.5" | 5.5 | 98 | 95 | 2 HP / 145TC | 55 |
| MXM-543 | | 5.5 | 128 | 95 | 3 HP / 182TC | 55 |
| MXM-545 | | 13.2 | 146 | 165 | 5 HP / 184TC | 66 |