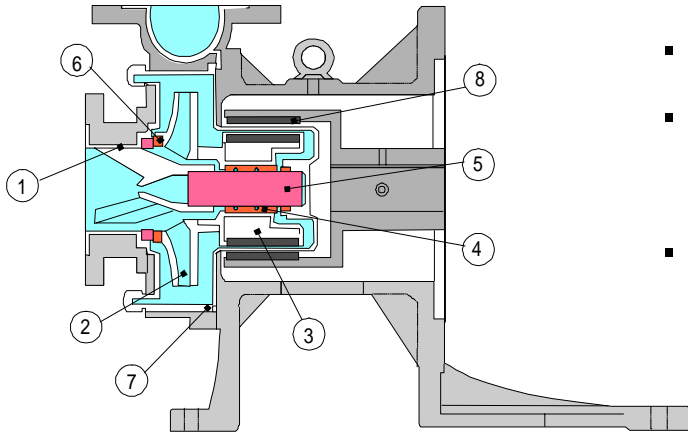




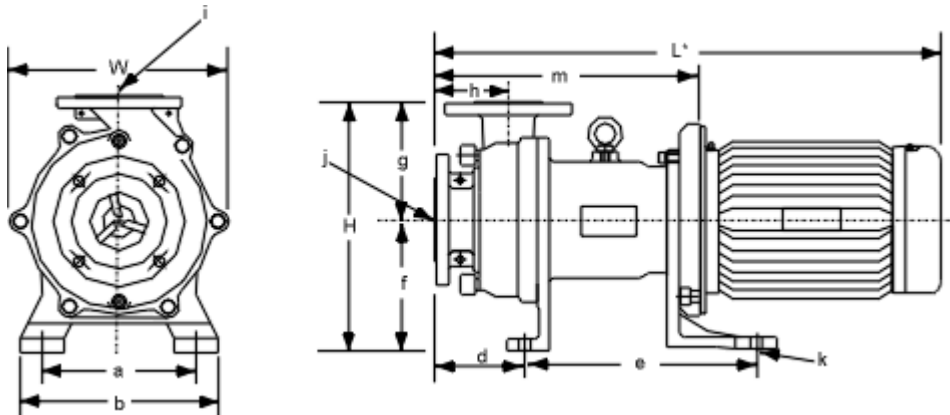
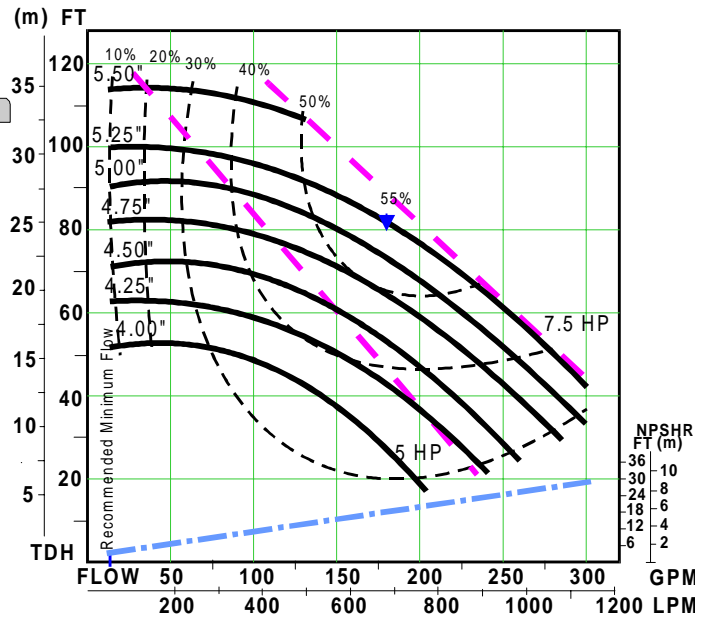
**IWAKI WALCHEM Corporation**

# MDF-L507



- Compact close-coupled design
- Corrosion resistant ETFE internals
- Precision injection molded, individually replaceable, liner, impeller and magnet capsule
- Rifled bearing and grooved thrust surfaces enhances fluid flow through bearing system

| Part                  | Material   |                       |
|-----------------------|--|-----------------------|
|                       | CF   | AA                    |
| 1 Casing              | 20% Carbon reinforced fluoroplastic<br>ETFE                    |                       |
| 2 Impeller            |  |                       |
| 3 Magnet Capsule      |  |                       |
| 4 Bearing             | High density carbon  | 99.8% Alumina ceramic |
| 5 Spindle, Liner ring | 99.8% Alumina ceramic  |                       |
| 6 Mouth ring          | Rulon  |                       |
| 7 O-ring              | FKM / EPDM / AFLAS   |                       |
| 8 Drive magnet        | Ferrite for 657 & smaller<br>Samarium Cobalt for 6510 & larger |                       |



**Dimensions (inches) and Specifications**

\* Will vary by motor manufacturer

| a                       | b   | d                        | e     | f                        | g    | h                   | i  | j                  | m     | k                 | W     | H     | L     |
|-------------------------|-----|--------------------------|-------|--------------------------|------|---------------------|----|--------------------|-------|-------------------|-------|-------|-------|
| 8.7"                    | 11" | 3.5"                     | 14.4" | 7.1"                     | 6.3" | 3.1"                | 2" | 2.5"               | 15.8" | 0.55"             | 11.8" | 13.4" | 29.6" |
| <b>Connection Sizes</b> |     | <b>Min Flow/Max Head</b> |       | <b>Standard Capacity</b> |      | <b>Max Capacity</b> |    | <b>Motor/Frame</b> |       | <b>Pump Weigh</b> |       |       |       |
| 2.5 x 2                 |     | 13.2 GPM/ 114 ft.        |       | 180 GPM/ 80 ft.          |      | 290 GPM             |    | 7.5 HP/213TC       |       | 128 lbs.          |       |       |       |