

# Little **GIANT**<sup>®</sup> Pump Company

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## TE-7-MD-CK

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### Features

- Thermally Protected, Totally Enclosed, Fan Cooled, Capacitor Start Motor
- Ball Bearings
- Conduit Box (Must be field wired)
- Specific Gravity to 1.1
- Fluid Temperature to 200 Degrees F.
- Ambient Air Temperature to 77 Degrees F.
- NOTE: Consult your local distributor or the factory for applications with higher ambient temperatures, specific gravities and viscosities.

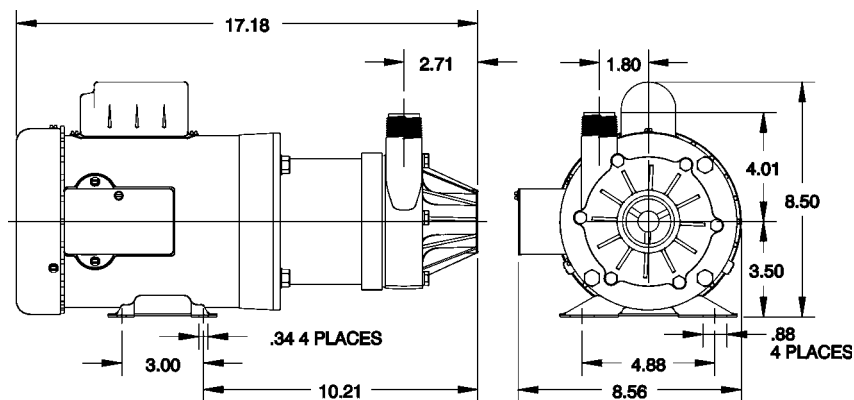
### Construction

- Volute — Carbon-filled Kynar<sup>®</sup>
- Backplate — Carbon-filled Kynar<sup>®</sup>
- Impeller — Carbon-filled Kynar<sup>®</sup> w/Carbon-filled Teflon (Chemloy) Bushing
- Shaft — Ceramic (Silicon Carbide on 587639)
- Thrust Washers — Ceramic (Silicon Carbide on 587639)
- O-Ring — Viton<sup>®</sup> (Teflon on 587639)

The Little Giant MD-CK series features leakproof, seal-less magnetic drives and are designed for in-line, non submersible use. Volute, magnet housing and impeller are carbon-filled Kynar<sup>®</sup> for excellent chemical resistance. Ceramic shaft and thrust washers are 99.5% pure alumina (except 587639 which are Silicon

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NOTE: Designs and dimensions may vary for various reasons (i.e. type of motor). This information should be used as general guide rather than an unqualified guarantee. Specifications are subject to change without prior notice.

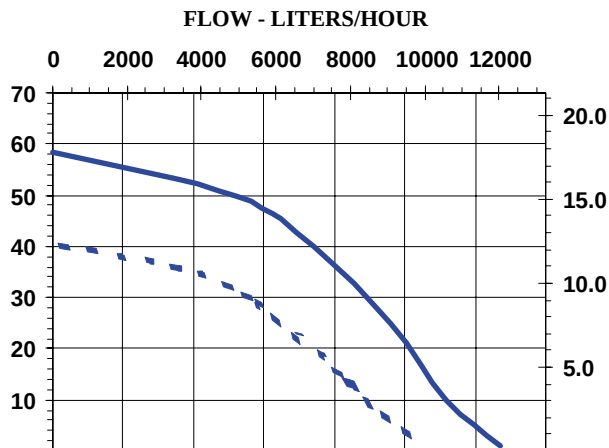
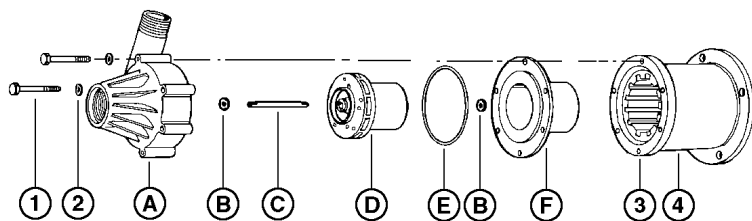
### Specifications

| Model No.  | Item No. | Intake      | Discharge | Listing(s) | HP  | Volts | Hertz | Amps      | Watts     | Performance (GPH @ Head) |      |      |      |      | Shut Off |      | Pwr. Cord (ft) | Weight (Lbs.) |
|------------|----------|-------------|-----------|------------|-----|-------|-------|-----------|-----------|--------------------------|------|------|------|------|----------|------|----------------|---------------|
|            |          |             |           |            |     |       |       |           |           | 1'                       | 10'  | 25'  | 40'  | 50'  | Feet     | PSI  |                |               |
| TE-7-MD-CK | 587600   | 1-1/2" FNPT | 1" MNPT   | UR/C-CSA   | 3/4 | 115   | 50/60 | 10.4/11.8 | 1080/1230 | 3150                     | 2800 | 2400 | 1850 | 1300 | 58.5     | 25.3 | N/A            | 40.00         |
|            |          |             |           |            |     |       |       |           |           |                          |      |      |      |      |          |      |                |               |
| TE-7-MD-CK | 587639   | 1-1/2" FNPT | 1" MNPT   | UR/C-CSA   | 3/4 | 115   | 50/60 | 10.4/11.8 | 1080/1230 | 3150                     | 2800 | 2400 | 1850 | 1300 | 58.5     | 25.3 | N/A            | 40.00         |
|            |          |             |           |            |     |       |       |           |           |                          |      |      |      |      |          |      |                |               |
| TE-7-MD-CK | 587603   | 1-1/2" FNPT | 1" MNPT   | UR         | 3/4 | 230   | 50/60 | 5.2/5.9   | 1080/1230 | 3150                     | 2800 | 2400 | 1850 | 1300 | 58.5     | 25.3 | N/A            | 40.00         |
| 3 PHASE    |          |             |           |            |     |       |       |           |           |                          |      |      |      |      |          |      |                |               |
| 7-MD-CK    | 587103   | 1-1/2" FNPT | 1" MNPT   |            |     | 460   | 50/60 | 1.2/1.45  | 1080/1230 |                          |      |      |      |      |          |      |                | 8.00          |
|            |          |             |           |            |     |       |       |           |           |                          |      |      |      |      |          |      |                |               |

Pump Head Less Motor

### Replacement Parts

| ITEM | PART NO. | DESCRIPTION                               |
|------|----------|-------------------------------------------|
| A    | 187015   | Volute                                    |
| B    | 187085   | Thrust Washer, Ceramic                    |
| B    | 187058   | Thrust Washer, Silicon Carbide for 587639 |
| C    | 187056   | Shaft, Ceramic                            |
| C    | 187057   | Shaft, Silicon Carbide for 587639         |
| D    | 187174   | Impeller                                  |
| E    | 924016   | O-Ring, Viton                             |
| E    | 924019   | O-Ring, Teflon, for 587639                |
| F    | 187024   | Backplate                                 |
| 1    | 903712   | Bolt                                      |
| 2    | 921050   | Washer                                    |
| 3    | 187121   | Drive Magnet                              |
| 4    | 187073   | Mgt. Bracket                              |



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For technical advice or service please take your pump into your local pump service center.

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