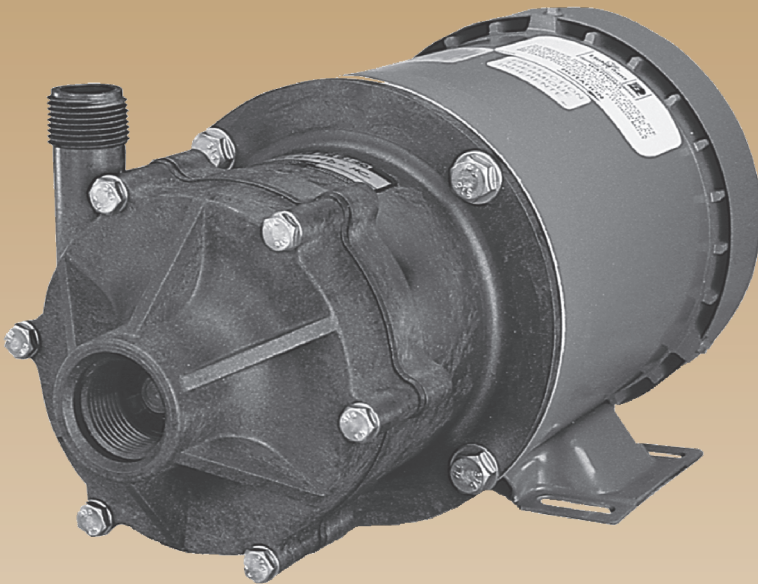


# Industrial

## TE-6-MD-CK



### Applications

- Circulation of highly corrosive acids, alkalis, solvents, brine, plating solutions, sterile solutions, and other highly corrosive chemicals and solutions that are compatible with the pump's material of construction

### Features

- Non-submersible for in-line use only
- Thermally protected, totally enclosed, fan cooled, split phase motor
- Ball bearings
- Conduit box (must be field wired – cord not included)
- Specific gravity to 1.1
- Fluid temperature to 200 °F
- Ambient air temperature to 77 °F

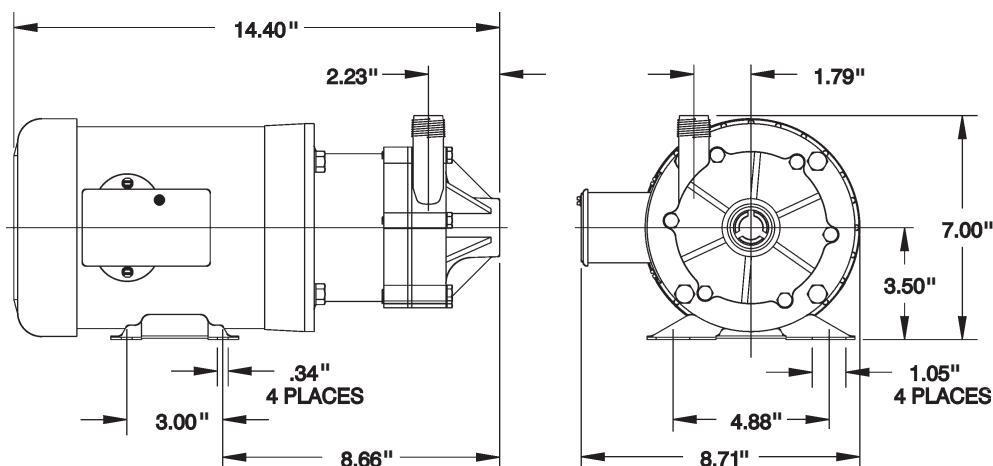
**NOTE:** Consult your local distributor or the factory for applications with higher ambient temperatures, specific gravities and viscosities.

### Construction

- **Volute** — Carbon-filled Kynar®
- **Backplate** — Carbon-filled Kynar®
- **Impeller** — Carbon-filled Kynar® w/carbon-filled Teflon® (Chemloy) bushing, (mica-filled Teflon® bushing on 586610)
- **Shaft** — Ceramic
- **Thrust Washers** — Ceramic
- **O-Ring** — Viton®

**LittleGIANT®**

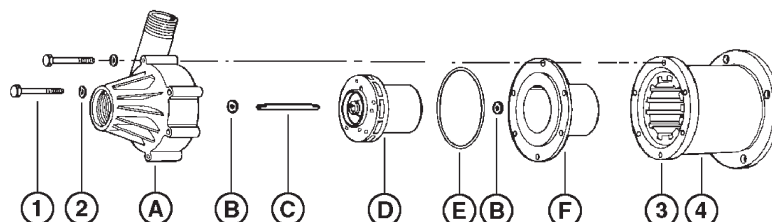
## Engineering Data



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

## Specifications

| Item No. | Model No.  | HP  | Volts | Hertz | Amps    | Watts   | Intake Size | Discharge Size | Performance (GPM @ Head 60 Hz) |      |     |      |      | Shut Off |      | Power Cord (ft) | Weight (lbs) |
|----------|------------|-----|-------|-------|---------|---------|-------------|----------------|--------------------------------|------|-----|------|------|----------|------|-----------------|--------------|
|          |            |     |       |       |         |         |             |                | 5'                             | 10'  | 20' | 30'  | 40'  | Feet     | PSI  |                 |              |
| 586600   | TE-6-MD-CK | 1/2 | 115   | 60    | 9.4     | 835     | 1" FNPT     | 3/4" MNPT      | 35                             | 33.7 | 30  | 24.6 | 17.5 | 49.1     | 21.3 | N/A             | 30.00        |
|          |            |     | 230   | 50/60 | 5.8/4.7 | 640/835 |             |                |                                |      |     |      |      |          |      |                 |              |
| 586610   | TE-6-MD-CK | 1/2 | 115   | 60    | 9.4     | 835     | 1" FNPT     | 3/4" MNPT      | 35                             | 33.7 | 30  | 24.6 | 17.5 | 49.1     | 21.3 | N/A             | 30.00        |
|          |            |     | 230   | 50/60 | 5.8/4.7 | 640/835 |             |                |                                |      |     |      |      |          |      |                 |              |



## Replacement Parts

| Item | Part No. | Description                                       |
|------|----------|---|
| A    | 186115   | Volute  |
| B    | 187085   | Thrust washer                                     |
| C    | 185100   | Shaft   |
| D    | 186158   | Impeller w/Chemloy bushing                        |
| D    | 186160   | Impeller w/Mica-filled Teflon® bushing for 586610 |
| E    | 924016   | O-ring  |
| F    | 186181   | Backplate   |
| 1    | 903712   | Bolt  |
| 2    | 921050   | Washer  |
| 3    | 185172   | Drive magnet                                      |
| 4    | 185162   | Magnet housing                                    |

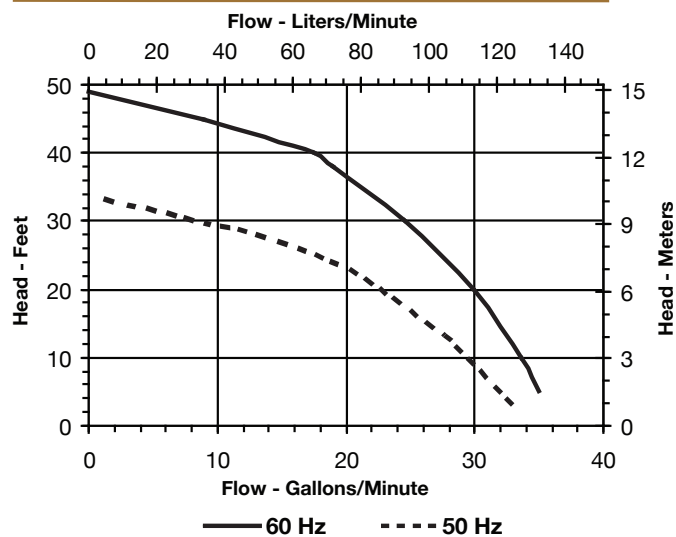
**NOTE:** Parts A-F contact fluid

Kynar® is a registered trademark of Arkema Inc.

Teflon® is a registered trademark of DuPont Performance Elastomers

Viton® is a registered trademark of DuPont Performance Elastomers

## Performance Data



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