



# MARCH PUMPS

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**DESCRIPTION & OPERATION:** Series 7 are centrifugal magnetic drive pumps, eliminating the need for a shaft seal. Pumps can be serviced with an adjustable wrench. See the parts list for a breakdown of parts. Pumps are not self-priming, lack a suction lift, and thus require a **flooded suction**. Pumps **cannot be run dry** because the impeller requires the liquid being pumped for lubrication. The direction of motor rotation should be clockwise when facing the inlet of the pump. For liquids with a specific gravity greater than water, have a higher viscosity, or for elevated temperatures, a trimmed impeller may be necessary. For application assistance, contact March Pump.

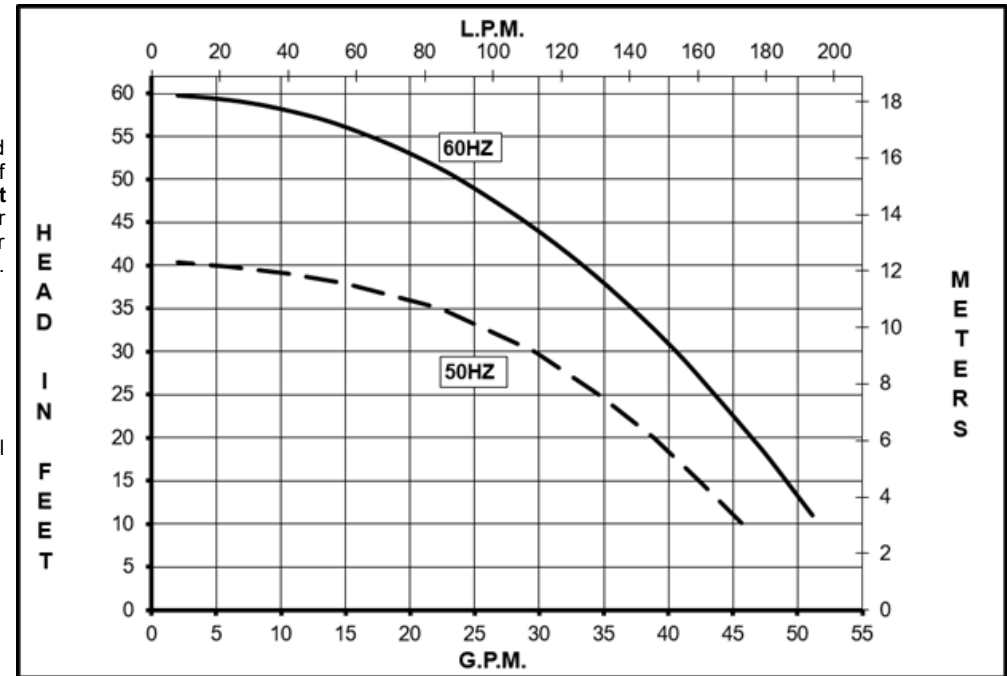
**Model Abbreviations:** P: Polypropylene, K: Kynar

## ELECTRICAL:

1 phase 115/230 Volt, 50/60 Hz or 3 phase 230/460 Volt, 60 Hz, 190/380 Volt, 50 Hz.

Motors are totally enclosed fan cooled and are U.L. listed as well as rated for continuous operation. All motors have a conduit box for electrical connections.

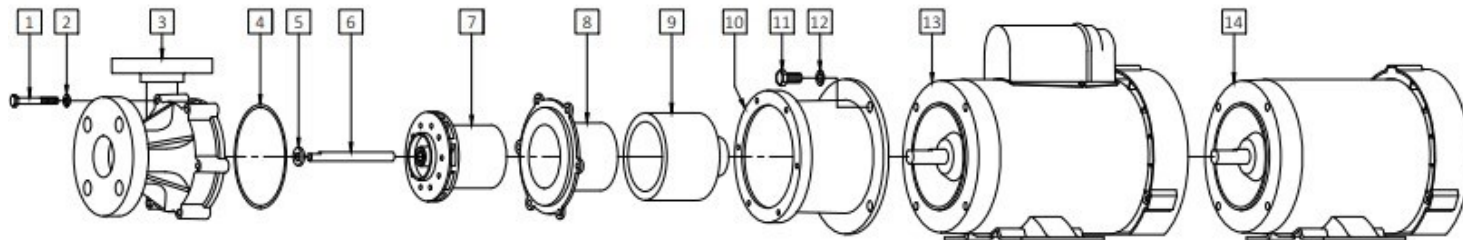
## Flanged TE-7P-MD and TE-7K-MD



| Specifications         |     | TE-7P-MD                | TE-7K-MD                |
|------------------------|-----|-------------------------|-------------------------|
| Product                | 1Ph | 0155-0422-0100          | 0155-0418-0100          |
|                        | 3Ph | 0155-0423-0100          | 0155-0419-0100          |
| Inlet-Outlet           |     | 1-1/2" Flange-1" Flange | 1-1/2" Flange-1" Flange |
| Max Internal Pressure  |     | 50PSI (344kPa)          | 75PSI (517 kPa)         |
| Max Liquid Temperature |     | 160F (71C)              | 200F (93C)              |

|          | 60Hz     |     |          |     |      |            |         |         |      |      | 50Hz     |     |          |      |      |            |         |         |      |      |
|----------|----------|-----|----------|-----|------|------------|---------|---------|------|------|----------|-----|----------|------|------|------------|---------|---------|------|------|
|          | Max Flow |     | Max Head |     |      | Electrical |         |         |      |      | Max Flow |     | Max Head |      |      | Electrical |         |         |      |      |
| Model    | GPM      | LPM | FT       | PSI | M    | Ph         | V       | A       | HP   | kW   | GPM      | LPM | Feet     | PSI  | M    | Ph         | V       | A       | HP   | kW   |
| TE-7P-MD | 53       | 201 | 60       | 26  | 18.3 | 1          | 115/230 | 9.2/4.6 | 0.75 | 0.55 | 47       | 180 | 40.3     | 17.5 | 12.3 | 1          | 115/230 | 9.4/4.7 | 0.68 | 0.50 |
| TE-7P-MD | 53       | 201 | 60       | 26  | 18.3 | 3          | 230/460 | 2.2/1.1 | 0.75 | 0.55 | 47       | 180 | 40.3     | 17.5 | 12.3 | 3          | 190/380 | 2.6/1.3 | 0.75 | 0.55 |
| TE-7K-MD | 53       | 201 | 60       | 26  | 18.3 | 1          | 115/230 | 9.2/4.6 | 0.75 | 0.55 | 47       | 180 | 40.3     | 17.5 | 12.3 | 1          | 115/230 | 9.4/4.7 | 0.68 | 0.50 |
| TE-7K-MD | 53       | 201 | 60       | 26  | 18.3 | 3          | 230/460 | 2.2/1.1 | 0.75 | 0.55 | 47       | 180 | 40.3     | 17.5 | 12.3 | 3          | 190/380 | 2.6/1.3 | 0.75 | 0.55 |

All specifications & data are based on pumping water & are intended as a guideline only. Specifications may vary with different motors.



**NOTE:** When replacing Impeller Bushing in the field: The plastic bushings must be bored to size after they have been pressed into the impeller. Bore to 0.378/0.381 I.D. The carbon and ceramic bushings are to finished size and do not require boring. When attaching drive magnet to the motor shaft, position the face of the drive magnet 1/8 inch below the face of the motor bracket.

| Flanged TE-7P-MD |                |         |                                                           | Flanged TE-7K-MD |                |         |                                                              |
|------------------|----------------|---------|-----------------------------------------------------------|------------------|----------------|---------|--------------------------------------------------------------|
| Item             | Part Number    | QTY REQ | Description                                               | Item             | Part Number    | QTY REQ | Description                                                  |
| 1                | 0155-0014-1000 | 6       | 1/4"-20 x 2" Lg. Screw (Stainless)                        | 1                | 0155-0014-1000 | 6       | 1/4"-20 x 2" Lg. Screw (Stainless)                           |
| 2                | 0155-0021-1000 | 6       | 1/4"ID x 1/2"OD Washer (Stainless)                        | 2                | 0155-0021-1000 | 6       | 1/4"ID x 1/2"OD Washer (Stainless)                           |
| 3                | 0155-0154-0100 | 1       | Flanged Front Housing (Polypropylene)                     | 3                | 0155-0155-0100 | 1       | Flanged Front Housing (Glass Filled Kynar)                   |
| 4                | 0155-0010-1000 | 1       | 1/8" CS x 4-3/8" OD "O" Ring (Viton)                      | 4                | 0155-0010-1000 | 1       | 1/8" CS x 4-3/8" OD "O" Ring (Viton)                         |
| 5                | 0155-0009-1000 | 1       | Thrust Washer (Ceramic)                                   | 5                | 0155-0009-1000 | 1       | Thrust Washer (Ceramic)                                      |
| 6                | 0155-0039-1000 | 1       | 4.070"Lg. Shaft (Ceramic)                                 | 6                | 0155-0039-1000 | 1       | 4.070"Lg. Shaft (Ceramic)                                    |
| 7                | 0155-0159-0500 | 1       | Impeller with Ryton/Teflon/Carbon Bushing (Polypropylene) | 7                | 0155-0160-0200 | 1       | Impeller with Carbon Bushing (Glass Filled Kynar)            |
| 8                | 0155-0091-0100 | 1       | Rear Housing with Ceramic Thrust Washer (Polypropylene)   | 8                | 0155-0124-0100 |         | Rear Housing with Ceramic Thrust Washer (Glass Filled Kynar) |
| 9                | 0155-0130-0200 | 1       | Drive Magnet                                              | 9                | 0155-0130-0200 | 1       | Drive Magnet                                                 |
| 10               | 0155-0340-0100 | 1       | Motor Bracket (Noryl)                                     | 10               | 0155-0340-0100 | 1       | Motor Bracket (Noryl)                                        |
| 11               | 0155-0017-1000 | 4       | 3/8"-16 x 3/4" Lg. Screw (Stainless)                      | 11               | 0155-0017-1000 | 4       | 3/8"-16 x 3/4" Lg. Screw (Stainless)                         |
| 12               | 0155-0019-1000 | 4       | 3/8"ID x 5/8"OD Washer (Stainless)                        | 12               | 0155-0019-1000 | 4       | 3/8"ID x 5/8"OD Washer (Stainless)                           |
| 13               | 0155-0016-1000 | 1       | 1 Phase TEFC Motor 115/230V, 50/60Hz, 3/4HP               | 13               | 0155-0016-1000 | 1       | 1 Phase TEFC Motor 115/230V, 50/60Hz, 3/4HP                  |
| 14               | 0155-0022-1000 | 1       | 3 Phase TEFC Motor 230/460V, 50/60Hz, 3/4HP               | 14               | 0155-0022-1000 | 1       | 3 Phase TEFC Motor 230/460V, 50/60Hz, 3/4HP                  |

NOTE: Contact Factory for other materials and/or parts not listed.  
Special voltage motors are available upon special order.

Materials in contact with the liquid:

**TE-7P-MD:** Polypropylene, Ryton, Ryton/Teflon/Glass, Ceramic, Viton

**TE-7K-MD:** Glass Filled Kynar, Carbon, Ceramic, Viton

0155-0435-1000-Rev-8/6/2025

**WARRANTY:** <https://www.marchpump.com/about/warranty/>

For the General Installation Manual, see this link <https://www.marchpump.com/wp-content/uploads/2019/07/march-pump-general-installation-guide-0750-040.pdf>

Or Scan QR Code

