

Wastewater pumps

Condensate pumps

Submersible/Utility pumps

Magnetic drive pumps



Little GIANT<sup>®</sup>  
PUMP COMPANY

Corporate

Wastewater pumps

Condensate pumps

Submersible/Utility pumps

**Magnetic Drive Pumps**

[www.LittleGiantPump.com](http://www.LittleGiantPump.com)

**A great idea,  
A great pump.**



Little Giant Pump Company's origins date back to 1941, when an idea by a plumber named Doc Wolfe became the answer to water circulation for evaporative cooling. Called "a submersible vaporizer," this unique, patented pump design became the cornerstone for the hundreds of different pump models Little Giant Pump Company manufactures and ships worldwide today.

In fact, derivatives of that basic "self-contained electric motor-driven submersible pump" are now a standard for quality and reliability for applications in parts washers, tile saws, carpet cleaning machines, water coolers and drainage systems.

Employing a completely "sealless" engineering concept, Little Giant Pump Company's Magnet Driven

Centrifugal Pumps are specifically designed to handle acids, alkalis, solvents, and other sophisticated chemistry with the same efficiency and trouble-free reliability that has won international acceptance and recognition for Little Giant Pump Company products.

In addition to a full line of magnetic drive pumps, Little Giant Pump Company manufactures wastewater, sump, effluent and sewage pumps, condensate pumps, pool cover pumps and a wide variety of utility pumps.

Little Giant Pump Company is located in 400,000 square feet of facilities at 3810 North Tulsa in Oklahoma City, Oklahoma, and employs approximately 500 people.

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# MAGNETIC DRIVE PUMPS

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### Pump Selection Guide

Several factors are involved in the proper selection of a magnetic drive pump. Caution should be exercised in matching the wetted pump parts to the chemicals and concentrations in the solution to be pumped. For the chemical resistance of the wetted pump parts, refer to Little Giant Pump Company Chemical Resistance Chart.

#### Factors that must be taken into consideration in choosing a pump:

Fluid characteristics, including chemical composition, concentration, operating temperature, and solids (if any) in suspension, and the nature, size, abrasive quality, and approximate concentration or weight per gallon, as well as viscosity and specific gravity, stated at the liquid's normal pumping temperature.

Other characteristics, including the motor's electrical characteristics (Volts, Hertz, Phase), space limitations, and normal ambient temperature of the area in which the pump will be installed should also be considered.



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## MAGNETIC DRIVE PUMPS

Little Giant's comprehensive line of magnetic drive pumps is designed for circulation of acids, alkalis, solvents, brine, plating solutions, sterile solutions, and other special fluids, for use in environments such as hospitals, chemical companies, photo labs, dry cleaning plants, car washes, machine shops, laboratories, manufacturing plants, print shops and wineries.

### Little Giant Pump Company Magnetic Drive Pump Features

- Leakproof, seal-less magnetic drive
- No maintenance due to seal wear
- No seal friction to reduce motor horsepower
- Only chemical resistant materials are in contact with fluids
- Dynamically balanced drive magnet for long motor bearing life
- Magnetic coupling design acts as a clutch to eliminate motor burnout and overloading under adverse conditions
- Pumping heads are easily rotated, cleaned or serviced with no special tool requirements
- Spindle shaft is supported at both ends to prevent impeller damage during start-up and stop of pump
- Magnet housing acts as an insulator to prevent motor heat from being transferred to the fluid being pumped
- Wide selections of materials for the pump's wetted components to provide the best chemical resistance
- All threaded intake and discharge ports are USA (American) standard taper pipe threads (NPT). Teflon tape is provided with MD-HC Series models
- Most MD-HC Series models have "run-dry" capability
- Thermal overload protection

NOTE: Consult your local distributor or Little Giant Pump Company about applications with ambient temperatures, specific gravities and viscosities beyond the ranges shown for pumps in this catalog.

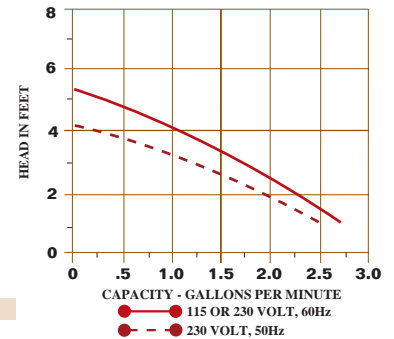
## MD SERIES

For **mildly corrosive solutions** and chemicals, the Little Giant Pump Company MD Series features leakproof, seal-less magnetic drives, and is designed for in-line, non-submersed use.



### 1-AA-MD

- 588001** .....115V 3' lead wires, no plug.  
**588002** .....230V 3' lead wires, no plug.  
**588122** .....Pump head less motor.



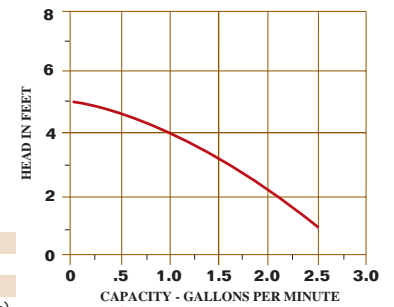
### PRODUCT CHARACTERISTICS

Motor .....1/200 HP Open	O-ring .....Viton®
<b>RPM</b>	Thrust washers .....Rulon "J" (Teflon)
588001 .....3250	Impeller Assembly .....Glass-filled polypropylene & Ceramagnet "A" (Barium Ferrite)
588002 .....2900/3000	Shaft .....Stainless steel
Maximum flow rate .....2.67GPM	Weight (lbs.) .....2.33
Maximum Head .....5.5'	<b>Electrical</b>
Intermittent Liquid Temp. ....150°F	<b>588001</b> .....115V, 60Hz, .4 amps,
Specific gravity .....1.1	16 watts, 1PH 3' lead wires, no plug.
Intake .....1/2" OD	<b>588002</b> .....230V, 50/60Hz, .12/.14 amps,
Discharge .....1/2" OD	19 watts, 1PH 3' lead wires, no plug.
Magnet Housing .....Glass-filled polypropylene	<b>588122</b> .....Pump head less motor.
Volute .....Glass-filled polypropylene	



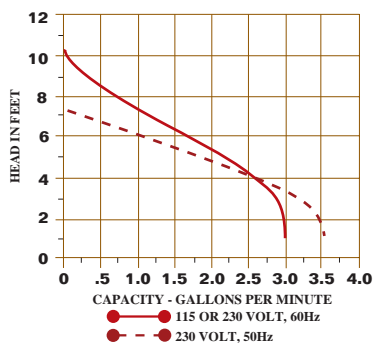
### 1-EUAA-MD

- 588205** .....115V 6' power cord.  
 Submersible or in-line  
 Dual Purpose, 2 volutes



### PRODUCT CHARACTERISTICS

Motor .....1/200 HP Encapsulated	O-ring .....Buna-N (Nitrile)
RPM .....3250	Thrust washers .....Rulon "J" (Teflon)
Maximum flow rate .....2.5GPM	Impeller Assembly .....Glass-filled polypropylene & Ceramagnet "A" (Barium Ferrite)
Maximum Head .....5'	Shaft .....Ceramic
Intermittent Liquid Temp. ....150°F	Weight (lbs.) .....3
Specific gravity .....1.1	<b>Electrical</b>
Intake .....1/2" OD	<b>588205</b> .....115V, 60Hz, .3 amps,
Discharge .....1/2" OD	17 watts, 1PH 6' power cord.
Magnet Housing .....Glass-filled polypropylene	
Volute .....Glass-filled polypropylene	



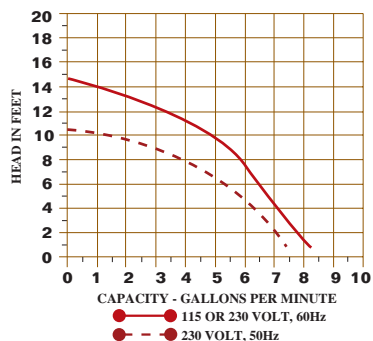
### 1-MD

- C-CSA **589002** .....115V 6' power cord, 3-prong plug.  
**589012** .....230V 6' power cord, no plug.  
**589098** .....Pump head less motor.



### PRODUCT CHARACTERISTICS

Motor .....	1/70 HP Open FC	Impeller Assembly .....	Glass-filled polypropylene & Ceramagnet "A" (Barium Ferrite)
<b>RPM</b>		O-ring .....	Buna-N® (Nitrile)
589002 .....	2450	Thrust washers .....	Titanium
589012 .....	2700/3000	Shaft .....	Titanium
<b>Maximum flow rate</b>		<b>Weight (lbs.)</b>	
589002 .....	3.0GPM	589002 .....	4.0
589012 .....	3.5GPM	589012 .....	6.3
Maximum Head .....	10.75'	<b>Electrical</b>	
Intermittent Liquid Temp. ....	150°F	<b>589002</b> .....	115V, 60Hz, .79 amps, 60 watts, 1PH 6' power cord, 3-prong plug.
Specific gravity .....	1.1	<b>589012</b> .....	230V, 50/60Hz, .66/.64 amps, 100 watts, 1PH 6' power cord, no plug.
Intake .....	1/2" OD	<b>589098</b> .....	Pump head less motor.
Discharge .....	1/2" OD		
Magnet Housing .....	Glass-filled polypropylene		
Volute .....	Glass-filled polypropylene		



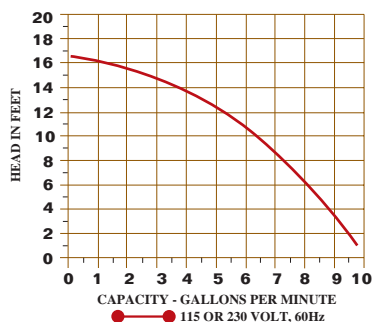
### 2-MD

- C-CSA **580002** .....115V 6' power cord, 3-prong plug.  
 C-CSA **580012** .....230V 6' power cord, no plug.  
**580098** .....Pump head less motor.



### PRODUCT CHARACTERISTICS

Motor .....	1/30 HP Open FC	Impeller Assembly .....	Glass-filled polypropylene & Ceramagnet "A" (Barium Ferrite)
<b>RPM</b>		O-ring .....	Buna-N® (Nitrile)
580002 .....	3100	Thrust washers .....	Titanium
580012 .....	2700/3000	Shaft .....	Titanium
Maximum flow rate .....	8.2GPM	Weight (lbs.) .....	6.25
Maximum Head .....	14.75'	<b>Electrical</b>	
Intermittent Liquid Temp. ....	150°F	<b>580002</b> .....	115V, 60Hz, 1.5 amps, 100 watts, 1PH 6' power cord, 3-prong plug.
Specific gravity .....	1.1	<b>580012</b> .....	230V, 50/60Hz, .65/.64 amps, 105/100 watts, 1PH 6' power cord, no plug.
Intake .....	1/2" FNPT	<b>580098</b> .....	Pump head less motor.
Discharge .....	1/2" MNPT		
Magnet Housing .....	Glass-filled polypropylene		
Volute .....	Glass-filled polypropylene		



### 3-MD

- C-CSA **581002** .....115V 6' power cord, 3-prong plug.  
**581098** .....Pump head less motor.



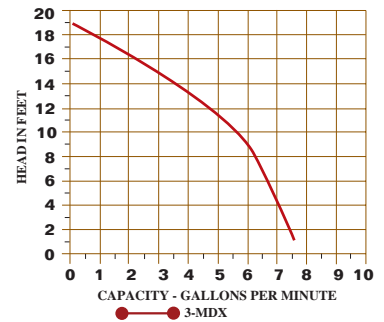
### PRODUCT CHARACTERISTICS

Motor .....	1/20 HP Open FC	Impeller Assembly .....	Glass-filled polypropylene & Ceramagnet "A" (Barium Ferrite)
RPM .....	3300	O-ring .....	Buna-N® (Nitrile)
Maximum flow rate .....	9.1GPM	Thrust washers .....	Titanium
Maximum Head .....	16.1'	Shaft .....	Titanium
Intermittent Liquid Temp. ....	150°F	Weight (lbs.) .....	7.5
Specific gravity .....	1.1	<b>Electrical</b>	
Intake .....	1/2" FNPT	<b>581002</b> .....	115V, 60Hz, 1.4 amps, 105 watts, 1PH 6' power cord, 3-prong plug.
Discharge .....	1/2" MNPT	<b>581098</b> .....	Pump head less motor.
Magnet Housing .....	Glass-filled polypropylene		
Volute .....	Glass-filled polypropylene		



**3-MDX**

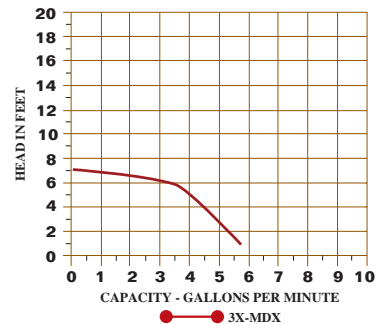
**C-CSA 581031** .....115V 6' power cord,  
3-prong plug.

**PRODUCT CHARACTERISTICS**

Motor .....	1/25 HP Open FC	Impeller Assembly .....	Glass-filled polypropylene & Ceramagnet "A" (Barium Ferrite)
RPM .....	3000	O-ring .....	Buna-N® (Nitrile)
Maximum flow rate .....	7.6GPM	Thrust washers .....	Titanium
Maximum Head .....	19'	Shaft .....	Titanium
Intermittent Liquid Temp. ....	150°F	Weight (lbs.) .....	6.25
Specific gravity .....	1.1	<b>Electrical</b>	
Intake .....	5/8" OD	<b>581031</b> .....	115V, 60Hz, 1.65 amps,
Discharge .....	5/8" OD		126 watts, 1PH 6' power cord, 3-prong plug.
Magnet Housing .....	Glass-filled polypropylene		
Volute .....	Glass-filled polypropylene		

**3X-MDX**

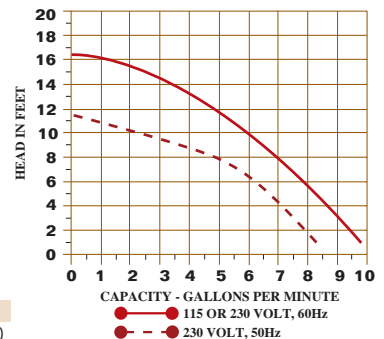
**C-CSA 581030** .....115V 6' power cord,  
3-prong plug.

**PRODUCT CHARACTERISTICS**

Motor .....	1/50 HP Open FC	Impeller Assembly .....	Glass-filled polypropylene & Ceramagnet "A" (Barium Ferrite)
RPM .....	1550	O-ring .....	Buna-N® (Nitrile)
Maximum flow rate .....	5.75GPM	Thrust washers .....	Titanium
Maximum Head .....	7'	Shaft .....	Titanium
Intermittent Liquid Temp. ....	150°F	Weight (lbs.) .....	5.5
Specific gravity .....	1.1	<b>Electrical</b>	
Intake .....	5/8" OD	<b>581030</b> .....	115V, 60Hz, .94 amps,
Discharge .....	5/8" OD		67 watts, 1PH 6' power cord, 3-prong plug.
Magnet Housing .....	Glass-filled polypropylene		
Volute .....	Glass-filled polypropylene		

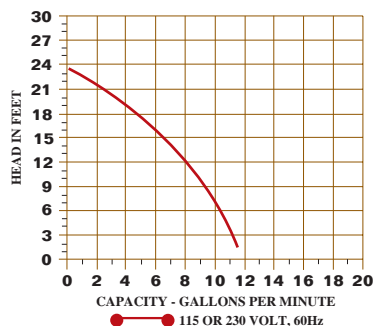
**TE-3-MD**

**C-CSA 581012** .....230V 6' power cord, no plug.

**PRODUCT CHARACTERISTICS**

Motor .....	1/20 HP TEFC	Impeller Assembly .....	Glass-filled polypropylene & Ceramagnet "A" (Barium Ferrite)
RPM .....	2750/3200	O-ring .....	Buna-N® (Nitrile)
Maximum flow rate .....	9.8GPM	Thrust washers .....	Titanium
Maximum Head .....	16.3	Shaft .....	Titanium
Intermittent Liquid Temp. ....	150°F	Weight (lbs.) .....	8.0
Specific gravity .....	1.1	<b>Electrical</b>	
Intake .....	1/2" FNPT	<b>581012</b> .....	230V, 50/60Hz, 1.1/.8 amps,
Discharge .....	1/2" MNPT		135/115 watts, 1PH 6' power cord, no plug.
Magnet Housing .....	Glass-filled polypropylene		
Volute .....	Glass-filled polypropylene		

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#### 4-MD

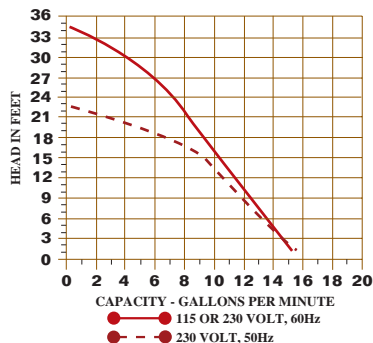
- C-USA **582002** .....115V 6' power cord,  
3-prong plug.  
 C-USA **582012** .....230V 6' power cord, no plug.  
**582098** .....Pump head less motor.



### PRODUCT CHARACTERISTICS

Motor .....	1/12 HP Open FC
<b>RPM</b>	
582002 .....	3250
582012 .....	2500
Maximum flow rate .....	11.5GPM
Maximum Head .....	23.7'
Intermittent Liquid Temp. ....	150°F
Specific gravity .....	1.1
Intake .....	1/2" FNPT
Discharge .....	1/2" MNPT
Magnet Housing .....	Glass-filled polypropylene
Volute .....	Glass-filled polypropylene

Impeller Assembly .....	Glass-filled polypropylene & Ceramagnet "A" (Barium Ferrite)
O-ring .....	Buna-N® (Nitrile)
Thrust washers .....	Titanium
Shaft.....	Titanium
Weight (lbs.) .....	8.5
<b>Electrical</b>	
<b>582002</b> .....	115V, 60Hz, 2.4 amps, 213 watts, 1PH 6' power cord, 3-prong plug.
<b>582012</b> .....	230V, 60Hz, 1.4 amps, 212 watts, 1PH 6' power cord, no plug.
<b>582098</b> .....	Pump head less motor.



#### 5-MD

- C-USA **583002** .....115V 6' power cord,  
3-prong plug.  
 C-USA **583012** .....230V 6' power cord, no plug.  
**583098** .....Pump head less motor.



### PRODUCT CHARACTERISTICS

Motor .....	1/8 HP PSC Open FC
<b>RPM</b>	
583002 .....	3250
583012 .....	2400/2500
Maximum flow rate .....	15.1GPM
Maximum Head .....	35'
Intermittent Liquid Temp. ....	150°F
Specific gravity .....	1.1
Intake .....	1/2" FNPT
Discharge .....	1/2" MNPT
Magnet Housing .....	Glass-filled polypropylene
Volute .....	Glass-filled polypropylene

Impeller Assembly .....	Glass-filled polypropylene & Ceramagnet "A" (Barium Ferrite)
O-ring .....	Buna-N® (Nitrile)
Thrust washers .....	Titanium
Shaft.....	Titanium
Weight (lbs.) .....	9.25
<b>Electrical</b>	
<b>583002</b> .....	115V, 60Hz, 2.1 amps, 200 watts, 1PH 6' power cord, 3-prong plug.
<b>583012</b> .....	230V, 50/60Hz, 1.0/1.1 amps, 200/240 watts, 1PH 6' power cord, no plug.
<b>583098</b> .....	Pump head less motor.

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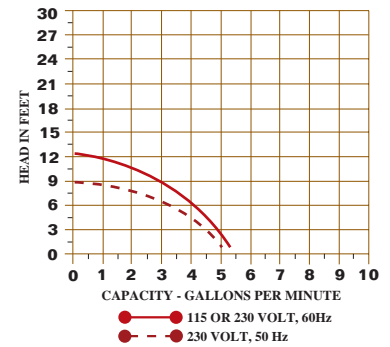
# MD-SC SERIES

For semi-corrosive solutions and chemicals.



## 1.5-MDI-SC

- C-CSA 589201** .....115V 6' power cord,  
3-prong plug.  
**C-CSA 589211** .....230V 6' power cord, no plug.



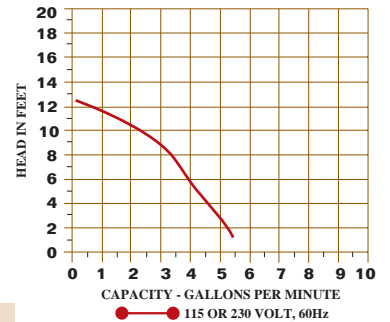
## PRODUCT CHARACTERISTICS

Motor .....1/35 HP Open FC	Impeller Assembly .....Glass-filled polypropylene
RPM .....3100	O-ring .....Viton®
Maximum flow rate .....5.5GPM	Thrust washers .....Ceramic
Maximum Head .....12.5'	Shaft .....Ceramic
Intermittent Liquid Temp. ....150PF	Weight (lbs.) .....4.25
Specific gravity .....1.1	<b>Electrical</b>
Intake .....3/4" MNPT & 3/8" FNPT	<b>589201</b> .....115V, 60Hz, 1.1 amps,
Discharge .....1/4" MNPT	88 watts, 1PH 6' power cord, 3-prong plug.
Magnet Housing .....Glass-filled polypropylene	<b>589211</b> .....230V, 50/60Hz, .7/.6 amps,
Volute .....Glass-filled polypropylene	95/85 watts, 1 PH 6' power cord, no plug.



## PE-1.5-MDI-SC (Submersible only)

- C-CSA 589204** .....115V 6' power cord,  
3-prong plug.



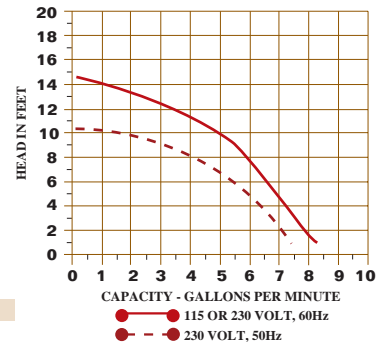
## PRODUCT CHARACTERISTICS

Motor .....1/35 HP Encapsulated	Motor case .....Polyester
RPM .....3000	Impeller Assembly .....Glass-filled polypropylene
Maximum flow rate .....5.5GPM	O-ring .....Buna-N® (Nitrile)
Maximum Head .....12.8'	Screws .....Stainless steel
Intermittent Liquid Temp. ....77PF	Thrust washers .....Ceramic
Specific gravity .....1.1	Shaft .....Ceramic
Intake .....1/2" MNPT	Intake screen.....Polyethylene
Discharge .....1/4" MNPT	Weight (lbs.) .....5.0
Magnet Housing .....Glass-filled polypropylene	<b>Electrical</b>
Volute .....Glass-filled polypropylene	<b>589204</b> .....115V, 60Hz, .9 amps,
	63 watts, 1PH 6' power cord, 3-prong plug.



## 2-MD-SC

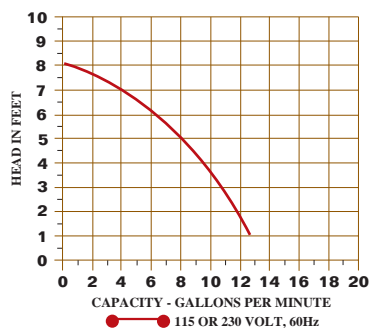
- C-CSA 580503** .....115V 6' power cord,  
3-prong plug.  
**C-CSA 580513** .....230V 6' power cord, no plug.  
**580598** .....Pump head less motor.



## PRODUCT CHARACTERISTICS

<b>Motor</b>	Volute .....Glass-filled polypropylene
580503 .....1/25 HP Open FC	Impeller Assembly .....Glass-filled polypropylene
580513 .....1/30 HP Open FC	O-ring .....Buna-N® (Nitrile)
<b>RPM</b>	Thrust washers .....Ceramic
580503 .....2900	Shaft .....Ceramic
580513 .....2700/3000	Weight (lbs.) .....6.25
Maximum flow rate .....8.5GPM	<b>Electrical</b>
Maximum Head .....14.6'	<b>580503</b> .....115V, 60Hz, 1.43 amps,
Intermittent Liquid Temp. ....150PF	109 watts, 1PH 6' power cord, 3-prong plug.
Specific gravity .....1.1	<b>580513</b> .....230V, 50/60Hz, .65/.64 amps,
Intake .....1/2" FNPT	105/100 watts, 1PH 6' power cord, no plug.
Discharge .....1/2" MNPT	<b>580598</b> .....Pump head less motor.
Magnet Housing .....Glass-filled polypropylene	





### 2-MDIX-SC

**C-CSA 580509** .....115V 6' power cord,  
3-prong plug.

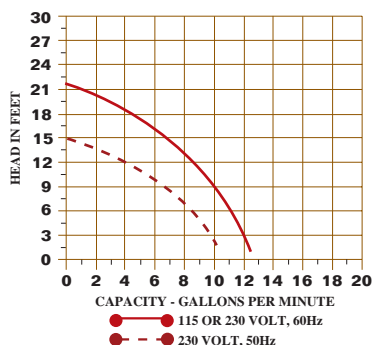


### PRODUCT CHARACTERISTICS

Motor .....1/30 HP Open FC  
RPM .....3000  
Maximum flow rate .....13GPM  
Maximum Head .....8.1'  
Intermittent Liquid Temp. ....150°F  
Specific gravity .....1.1  
Intake .....1" FNPT  
Discharge .....1" MNPT  
Magnet Housing .....Glass-filled polypropylene

Volute .....Glass-filled polypropylene  
Impeller Assembly .....Glass-filled polypropylene  
O-ring .....Buna-N® (Nitrile)  
Thrust washers .....Ceramic  
Shaft .....Ceramic  
Weight (lbs.) .....6.25

**Electrical**  
**580509** .....115V, 60Hz, 1.5 amps,  
110 watts, 1PH 6' power cord, 3-prong plug.



### 3-MD-SC

**C-CSA 581503** .....115V 6' power cord,  
3-prong plug.

**C-CSA 581513** .....230V 6' power cord, no plug.

**C-CSA 581576** .....230V 6' power cord, no plug.  
**581597** .....Pump head less motor.



### PRODUCT CHARACTERISTICS

Motor .....1/12 HP Open FC

#### RPM

581503 .....3100

581513 .....3000

581576 .....2600

Maximum flow rate .....12.5GPM

Maximum Head .....22'

Intermittent Liquid Temp. ....150°F

Specific gravity .....1.1

Intake .....3/4" FNPT

Discharge .....1/2" MNPT

Magnet Housing .....Glass-filled polypropylene

Volute .....Glass-filled polypropylene

Impeller Assembly .....Glass-filled polypropylene

O-ring .....Buna-N® (Nitrile)

Thrust washers .....Ceramic

Shaft .....Ceramic

#### Weight (lbs.)

581503 .....8.5

581513 .....8.5

581576 .....7.7

#### Electrical

**581503** .....115V, 50/60Hz, 2.4 amps,  
190 watts, 1PH 6' power cord, 3-prong plug.

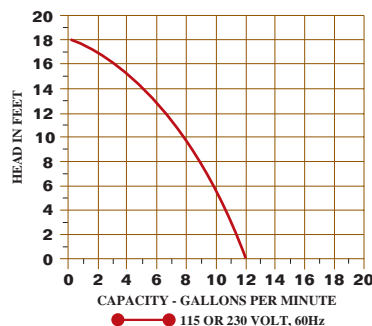
**581513** .....230V, 60Hz, 1.2 amps,

190 watts, 1PH 6' power cord, no plug.

**581576** .....230V, 50Hz, 1.7 amps,

205 watts, 1PH 6' power cord, no plug.

**581597** .....Pump head less motor.



### 3-MDI-SC

**C-CSA 581508** .....115V 6' power cord,  
3-prong plug.



### PRODUCT CHARACTERISTICS

Motor .....1/15 HP TEPC

RPM .....3200

Maximum flow rate .....11.5GPM

Maximum Head .....18'

Intermittent Liquid Temp. ....150°F

Specific gravity .....1.1

Intake .....3/4" FNPT

Discharge .....1/2" MNPT

Magnet Housing .....Glass-filled polypropylene

Volute .....Glass-filled polypropylene

Impeller Assembly .....Glass-filled polypropylene

O-ring .....Buna-N® (Nitrile)

Thrust washers .....Ceramic

Shaft .....Ceramic

Weight (lbs.) .....9.2

#### Electrical

**581508** .....115V, 60Hz, .8 amps,  
90 watts, 1PH 6' power cord, 3-prong plug.



### 3-MDIX-SC

**C-CSA 581509** .....115V 6' power cord,  
3-prong plug.

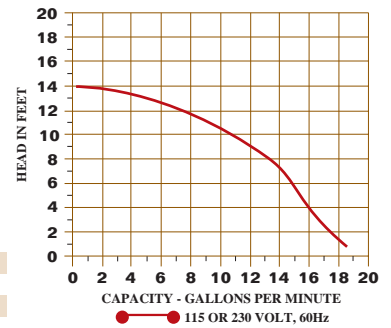
#### PRODUCT CHARACTERISTICS

Motor .....1/15 HP TEPC  
RPM .....3200  
Maximum flow rate .....18.5GPM  
Maximum Head .....14'  
Intermittent Liquid Temp. ....150°F  
Specific gravity .....1.1  
Intake .....1" FNPT  
Discharge .....1" MNPT  
Magnet Housing .....Glass-filled polypropylene

Volute .....Glass-filled polypropylene  
Impeller Assembly .....Glass-filled polypropylene  
O-ring .....Buna-N® (Nitrile)  
Thrust washers .....Ceramic  
Shaft .....Ceramic  
Weight (lbs.) .....9.2

#### Electrical

**581509** .....115V, 60Hz, .9 amps,  
100 watts, 1PH 6' power cord, 3-prong plug.



### 4-MD-SC

**C-CSA 582503** .....115V 6' power cord,  
3-prong plug.

**C-CSA 582598** .....Pump head less motor.

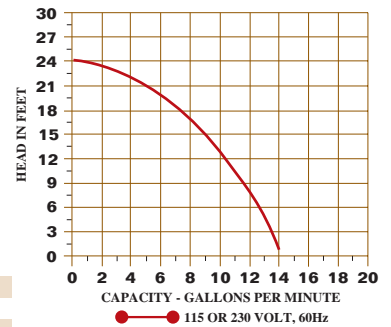
#### PRODUCT CHARACTERISTICS

Motor .....1/10 HP Open FC PSC  
RPM .....3000  
Maximum flow rate .....14GPM  
Maximum Head .....24'  
Intermittent Liquid Temp. ....150°F  
Specific gravity .....1.1  
Intake .....1" FNPT  
Discharge .....1/2" MNPT  
Magnet Housing .....Glass-filled polypropylene  
Volute .....Glass-filled polypropylene

Impeller Assembly .....Glass-filled polypropylene  
O-ring .....Buna-N® (Nitrile)  
Thrust washers .....Ceramic  
Shaft .....Ceramic  
Weight (lbs.) .....9.0

#### Electrical

**582503** .....115V, 50/60Hz, 1.7 amps,  
185 watts, 1PH 6' power cord, 3-prong plug.  
**582598** .....Pump head less motor.



### 4-MDIX-SC

**C-CSA 582509** .....115V 6' power cord,  
3-prong plug.

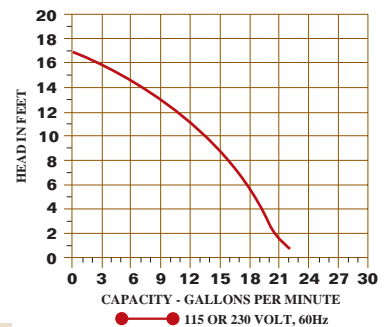
#### PRODUCT CHARACTERISTICS

Motor .....1/10 HP Open FC PSC  
RPM .....3280  
Maximum flow rate .....22GPM  
Maximum Head .....17'  
Intermittent Liquid Temp. ....150°F  
Specific gravity .....1.1  
Intake .....1" FNPT  
Discharge .....1" MNPT  
Magnet Housing .....Glass-filled polypropylene

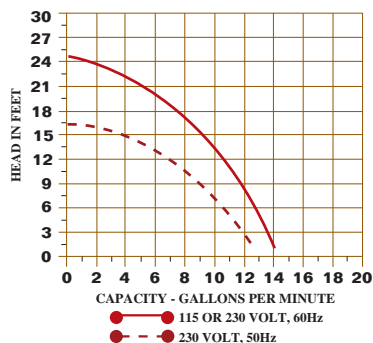
Volute .....Glass-filled polypropylene  
Impeller Assembly .....Glass-filled polypropylene  
O-ring .....Buna-N® (Nitrile)  
Thrust washers .....Ceramic  
Shaft .....Ceramic  
Weight (lbs.) .....9.0

#### Electrical

**582509** .....115V, 50/60Hz, 1.3 amps,  
145 watts, 1PH 6' power cord, 3-prong plug.



LITTLE GIANT.  
PUMP COMPANY

**TE-4-MD-SC**

- ☞ C-CSA **582504** .....115V 6' power cord,  
3-prong plug.
- ☞ C-CSA **582514** .....230V 6' power cord,  
no plug.

**PRODUCT CHARACTERISTICS**

Motor .....1/10 HP TEFC PSC

**RPM**

582504 .....3000  
582514 .....2750/3000

Maximum flow rate .....14GPM

Maximum Head .....24'

Intermittent Liquid Temp.....150°F

Specific gravity .....1.1

Intake .....1" FNPT

Discharge .....1/2" MNPT

Magnet Housing .....Glass-filled polypropylene

Volute .....Glass-filled polypropylene

Impeller Assembly .....Glass-filled polypropylene

O-ring .....Buna-N® (Nitrile)

Thrust washers .....Ceramic

Shaft .....Ceramic

**Weight (lbs.)**

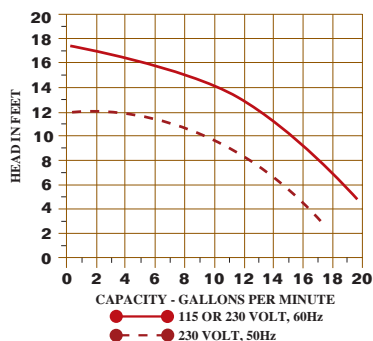
582504 .....8.0

582514 .....9.75

**Electrical**

**582504** .....115V, 50/60Hz, 1.7 amps,  
147 watts, 1PH 6' power cord, 3-prong plug.

**582514** .....230V, 50/60Hz, .5/.7 amps,  
120/150 watts, 1PH 6' power cord, no plug.

**TE-4-MDX-SC**

- ☞ C-CSA **582515** .....230V 6' power cord,  
no plug.

**PRODUCT CHARACTERISTICS**

Motor .....1/10 HP TEFC PSC

RPM .....2750/3000

Maximum flow rate .....20GPM

Maximum Head .....17.3'

Intermittent Liquid Temp.....150°F

Specific gravity .....1.1

Intake .....1" FNPT

Discharge .....1" MNPT

Magnet Housing .....Glass-filled polypropylene

Volute .....Glass-filled polypropylene

Impeller Assembly .....Glass-filled polypropylene

O-ring .....Buna-N® (Nitrile)

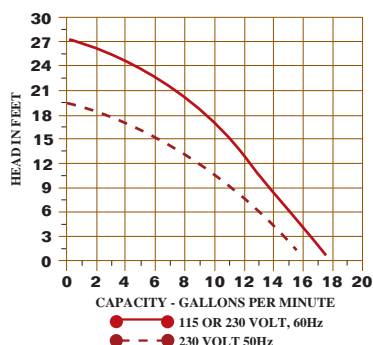
Thrust washers .....Ceramic

Shaft .....Ceramic

Weight (lbs.) .....10.3

**Electrical**

**582515** .....230V, 50/60Hz, .6 amps,  
145 watts, 1PH 6' power cord, no plug.

**5-MD-SC**

- ☞ C-CSA **583503** .....115V 6' power cord,  
3-prong plug.
- ☞ C-CSA **583513** .....230V 6' power cord, no plug.
- 583598** .....Pump head less motor.

**PRODUCT CHARACTERISTICS**

Motor .....1/8 HP Open FC PSC

**RPM**

583503 .....3000  
583513 .....2400/2500

Maximum flow rate .....17.5GPM

Maximum Head .....27.5'

Intermittent Liquid Temp.....150°F

Specific gravity .....1.1

Intake .....1" FNPT

Discharge .....1/2" MNPT

Magnet Housing .....Glass-filled polypropylene

Volute .....Glass-filled polypropylene

Impeller Assembly .....Glass-filled polypropylene

O-ring .....Buna-N® (Nitrile)

Thrust washers .....Ceramic

Shaft .....Ceramic

Weight (lbs.) .....9.25

**Electrical**

**583503** .....115V, 50/60Hz, 2.0 amps,  
208 watts, 1PH 6' power cord, 3-prong plug.

**583513** .....230V, 50/60Hz, 1.0/1.1 amps,  
200/240 watts, 1PH 6' power cord, no plug.

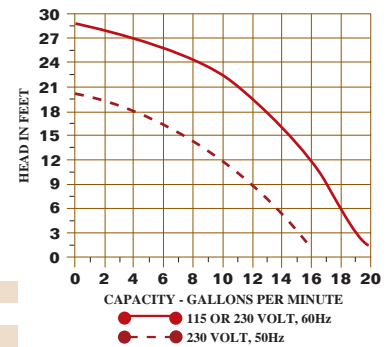
**583598** .....Pump head less motor.



**TE-5-MD-SC**  
**584504** .....115V/230V 6' power cord,  
 3-prong plug (cord not installed).  
**584598** .....Pump head less motor.

### PRODUCT CHARACTERISTICS

Motor .....	1/8 HP TEFC PSC	O-ring .....	Buna-N® (Nitrile)
RPM .....	2850/3450	Thrust washers .....	Ceramic
Maximum flow rate .....	20GPM	Shaft .....	Ceramic
Maximum Head .....	29.5'	Weight (lbs.) .....	16.0
Intermittent Liquid Temp. ....	150°F	<b>Electrical</b>	
Specific gravity .....	1.1	<b>584504</b> .....	115V, 50/60Hz, 2.3/3.0
Intake .....	1" FNPT	amps, 220/325 watts, 1PH	6' power cord, 3-prong
Discharge .....	1/2" MNPT	plug (cord not installed).	230V, 50/60Hz,
Magnet Housing .....	Glass-filled polypropylene	1.3/1.4 amps, 220/325 watts, 1PH	6' power cord,
Volute .....	Glass-filled polypropylene	3-prong plug (cord not installed).	
Impeller Assembly .....	Glass-filled polypropylene	<b>584598</b> .....	Pump head less motor.

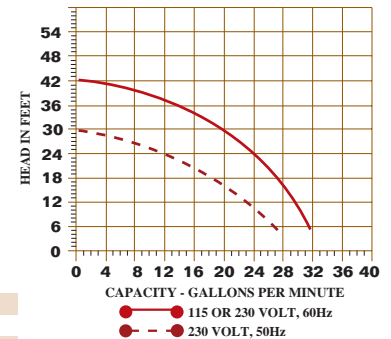


Though no pump should be operated dry,  
 the TE-5.5-MD-SC has a run-dry capability  
 of up to eight hours without damage.

**TE-5.5-MD-SC**  
**585504** .....115V/230V Power cord  
 not included.  
**585598** .....Pump head less motor.

### PRODUCT CHARACTERISTICS

Motor .....	1/3 HP TEFC	O-ring .....	Viton®
RPM .....	2850/3450	Thrust washers .....	Ceramic
Maximum flow rate .....	32GPM	Shaft .....	Ceramic
Maximum Head .....	42'	Weight (lbs.) .....	27.0
Intermittent Liquid Temp. ....	150°F	<b>Electrical</b>	
Specific gravity .....	1.1	<b>585504</b> .....	115V, 50/60Hz, 5.6/5.0
Intake .....	1" FNPT	amps, 340/525 watts, 1PH	Power cord not included.
Discharge .....	3/4" MNPT	230V, 50/60Hz, 2.8/2.5 amps, 340/525 watts, 1PH	
Back Plate .....	Glass-filled Ryton®	Power cord not included.	
Volute .....	Glass-filled polypropylene	<b>585598</b> .....	Pump head less motor.
Impeller Assembly .....	Glass-filled polypropylene w/carbon bushing		

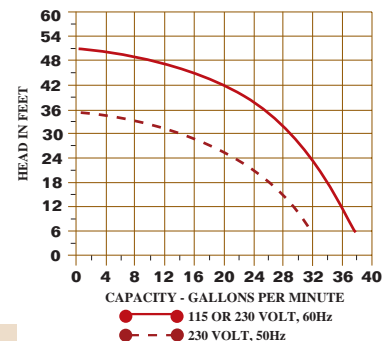


Though no pump should be operated dry,  
 the TE-6-MD-SC has a run-dry capability of  
 up to eight hours without damage.

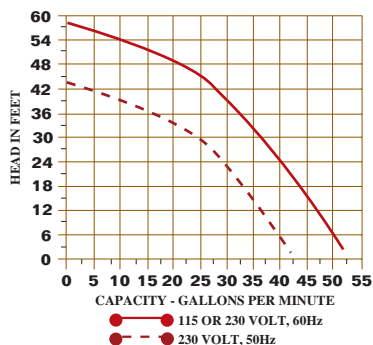
**TE-6-MD-SC**  
**586504** .....115V/230V  
 Power cord not included.  
**586598** .....Pump head less motor.

### PRODUCT CHARACTERISTICS

Motor .....	1/2 HP TEFC	O-ring .....	Viton®
RPM .....	2850/3450	Thrust washers .....	Ceramic
Maximum flow rate .....	38GPM	Shaft .....	Ceramic
Maximum Head .....	51'	Weight (lbs.) .....	29.0
Intermittent Liquid Temp. ....	150°F	<b>Electrical</b>	
Specific gravity .....	1.1	<b>586504</b> .....	115V, 50/60Hz, 11.6/9.4
Intake .....	1" FNPT	amps, 640/835 watts, 1PH	Power cord not included.
Discharge .....	3/4" MNPT	230V, 50/60Hz, 5.8/4.7 amps, 640/835 watts, 1PH	
Back Plate .....	Glass-filled Ryton®	Power cord not included.	
Volute .....	Glass-filled polypropylene	<b>586598</b> .....	Pump head less motor.
Impeller Assembly .....	Glass-filled polypropylene w/carbon bushing		







### TE-7-MD-SC

**C-CSA 587400** .....115V/230V Power cord not included.



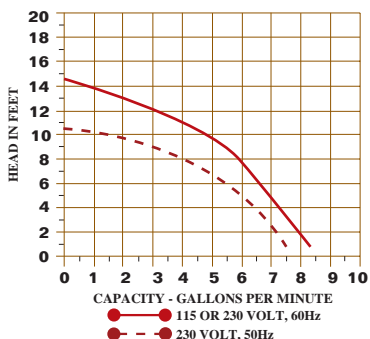
### PRODUCT CHARACTERISTICS

Motor	3/4 HP TEFC
RPM	2850/3450
Maximum flow rate	53GPM
Maximum Head	58.5'
Intermittent Liquid Temp.	150°F
Specific gravity	1.1
Intake	1 1/2" FNPT
Discharge	1" MNPT
Back Plate	Glass-filled Ryton®
Volute	Glass-filled polypropylene
Impeller Assembly	Glass-filled polypropylene w/carbon bushing

O-ring	Viton®
Thrust washers	Ceramic
Shaft	Ceramic
Weight (lbs.)	40.0
<b>Electrical</b>	
<b>587400</b>	.....115V, 50/60Hz, 10.4/11.8 amps, 1080-1230 watts, 1PH Power cord not included. 230V, 50/60Hz, 5.2/5.9 amps, 1080-1230 watts, 1PH Power cord not included.

## MD-HC SERIES

For **highly corrosive chemicals** and solutions. Though no pump should be operated dry, the MD-HC Series has a run-dry capability of up to eight hours without damage.



### 2-MD-HC

**C-CSA 580603** .....115V 6' power cord, 3-prong plug.

**C-CSA 580613** .....230V 6' power cord, no plug.

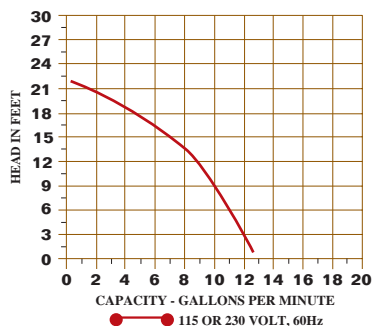
**580698** .....Pump head less motor.



### PRODUCT CHARACTERISTICS

Motor	1/30 HP Open FC
<b>RPM</b>	
580603	.....3100
580613	.....2700/3000
Maximum flow rate	8.5GPM
Maximum Head	14.6'
Intermittent Liquid Temp.	200°F
Specific gravity	1.1
Intake	1/2" FNPT
Discharge	1/2" MNPT
Magnet Housing	Glass-filled Polyphenylene Sulfide (e.g. Ryton®)
Volute	Glass-filled Polyphenylene Sulfide (e.g. Ryton®)

Impeller Assembly	Glass-filled Polyphenylene Sulfide (e.g. Ryton®) w/carbon bushing
O-ring	Viton®
Thrust washers	Ceramic
Shaft	Ceramic
Weight (lbs.)	7.0
<b>Electrical</b>	
<b>580603</b>	.....115V, 60Hz, 1.7 amps, 131 watts, 1PH 6' power cord, 3-prong plug.
<b>580613</b>	.....230V, 50-60Hz, .65/.64 amps, 105/100 watts, 1PH 6' power cord, no plug.
<b>580698</b>	.....Pump head less motor.



### 3-MD-HC

**C-CSA 581603** .....115V 6' power cord, 3-prong plug.

**C-CSA 581613** .....230V 6' power cord, no plug.

**581697** .....Pump head less motor.



### PRODUCT CHARACTERISTICS

Motor	1/12 HP Open FC
<b>RPM</b>	
581603	.....3100
581613	.....2700/3000
Maximum flow rate	12.5GPM
Maximum Head	21.9'
Intermittent Liquid Temp.	200°F
Specific gravity	1.1
Intake	3/4" FNPT
Discharge	1/2" MNPT
Magnet Housing	Glass-filled Polyphenylene Sulfide (e.g. Ryton®)
Volute	Glass-filled Polyphenylene Sulfide (e.g. Ryton®)

Impeller Assembly	Glass-filled Polyphenylene Sulfide (e.g. Ryton®) w/carbon bushing
O-ring	Viton®
Thrust washers	Ceramic
Shaft	Ceramic
Weight (lbs.)	8.8
<b>Electrical</b>	
<b>581603</b>	.....115V, 60Hz, 2.4 amps, 180 watts, 1PH 6' power cord, 3-prong plug.
<b>581613</b>	.....230V, 60Hz, 1.2 amps, 169 watts, 1PH 6' power cord, no plug.
<b>581697</b>	.....Pump head less motor.



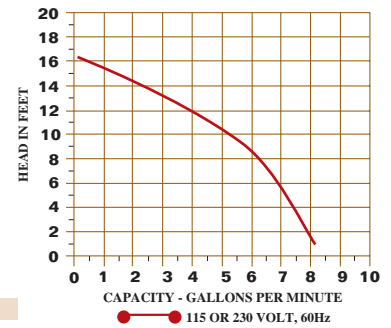


### 3-MD-MT-HC

- 578603** .....115V 6' power cord, 3-prong plug.  
**578697** .....Pump head less motor - w/o base.  
**578698** .....Pump head less motor - w/base.

#### PRODUCT CHARACTERISTICS

Motor .....	1/25 HP Open FC	Impeller Assembly .....	Glass-filled Polyphenylene Sulfide (e.g. Rytan®)
RPM .....	3100	O-ring .....	Viton®
Maximum flow rate .....	8.5GPM	Thrust washers .....	Ceramic
Maximum Head .....	16.2'	Shaft .....	Ceramic
Intermittent Liquid Temp. ....	200°F	Weight (lbs.) .....	6.5
Specific gravity .....	1.1	<b>Electrical</b>	
Intake .....	1/2" MNPT	<b>578603</b> .....	115V, 50/60Hz, 1.3 amps, 94 watts, 1PH 6' power cord, 3-prong plug.
Discharge .....	1/2" MNPT	<b>578697</b> .....	Pump head less motor, w/o base.
Magnet Housing .....	Glass-filled Polyphenylene Sulfide (e.g. Rytan®)	<b>578698</b> .....	Pump head less motor, w/base.
Volute .....	Glass-filled Polyphenylene Sulfide (e.g. Rytan®)		

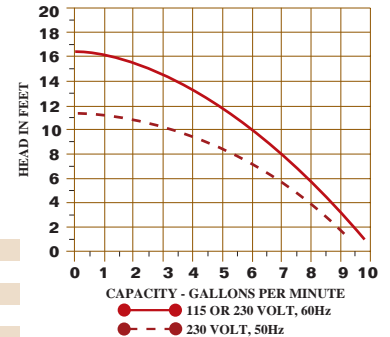


### TE-3-MD-HC

- 581604** .....115V 6' power cord, 3-prong plug.  
**581614** .....230V 6' power cord, no plug.  
**581698** .....Pump head less motor.

#### PRODUCT CHARACTERISTICS

Motor .....	1/25 HP TEFC	Impeller Assembly .....	Glass-filled Polyphenylene Sulfide (e.g. Rytan®)
<b>RPM</b>		O-ring .....	Viton®
581604 .....	3100	Thrust washers .....	Ceramic
581614 .....	2750/3200	Shaft .....	Ceramic
Maximum flow rate .....	9.75GPM	Weight (lbs.) .....	8.8
Maximum Head .....	16.3'	<b>Electrical</b>	
Intermittent Liquid Temp. ....	200°F	<b>581604</b> .....	115V, 60Hz, 1.3 amps, 107 watts, 1PH 6' power cord, 3-prong plug.
Specific gravity .....	1.1	<b>581614</b> .....	230V, 50/60Hz, 1.1/.8 amps, 135/120 watts, 1PH 6' power cord, no plug.
Intake .....	1/2" FNPT	<b>581698</b> .....	Pump head less motor.
Discharge .....	1/2" MNPT		
Magnet Housing .....	Glass-filled Polyphenylene Sulfide (e.g. Rytan®)		
Volute .....	Glass-filled Polyphenylene Sulfide (e.g. Rytan®)		



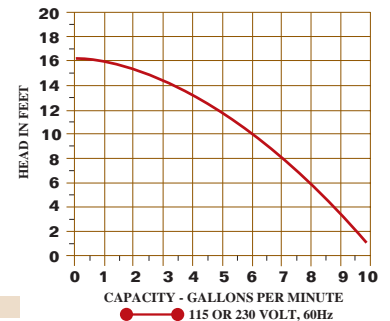
NOTE: Does **not** have run dry capability.

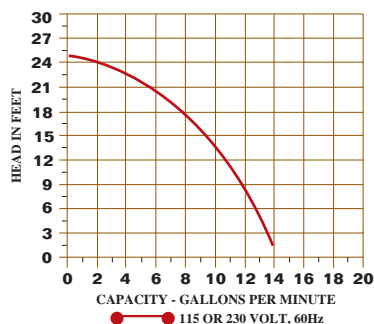
### TE-3-MD-HC\*

- 581605** .....115V 6' power cord, 3-prong plug.

#### PRODUCT CHARACTERISTICS

Motor .....	1/25 HP TEFC	Impeller Assembly .....	Glass-filled Polyphenylene Sulfide (e.g. Rytan®)
RPM .....	3100		<b>*w/mica-filled teflon</b>
Maximum flow rate .....	9.75GPM	<b>bushing</b>	
Maximum Head .....	16.3'	O-ring .....	Viton®
Intermittent Liquid Temp. ....	200°F	Thrust washers .....	Ceramic
Specific gravity .....	1.1	Shaft .....	Ceramic
Intake .....	1/2" FNPT	Weight (lbs.) .....	8.8
Discharge .....	1/2" MNPT	<b>Electrical</b>	
Magnet Housing .....	Glass-filled Polyphenylene Sulfide (e.g. Rytan®)	<b>581605</b> .....	115V, 50/60Hz, 1.3 amps, 94 watts, 1PH 6' power cord, 3-prong plug.
Volute .....	Glass-filled Polyphenylene Sulfide (e.g. Rytan®)		

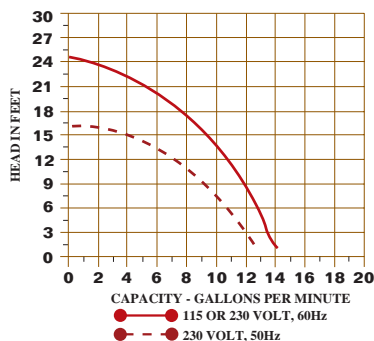


**4-MD-HC**

- C-CSA **582603** .....115V 6' power cord,  
3-prong plug.  
**582698** .....Pump head less motor.

**PRODUCT CHARACTERISTICS**

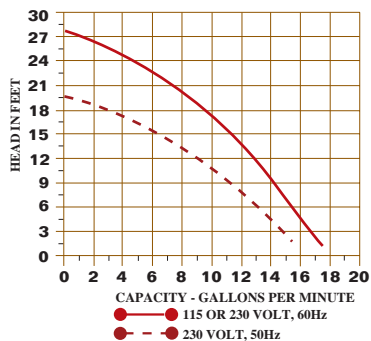
Motor .....	1/10 HP Open FC PSC	Impeller Assembly .....	Glass-filled Polyphenylene Sulfide (e.g. Ryton®)
RPM .....	3000		w/carbon bushing
Maximum flow rate .....	14GPM	O-ring .....	Viton®
Maximum Head .....	24.3'	Thrust washers .....	Ceramic
Intermittent Liquid Temp. ....	200°F	Shaft .....	Ceramic
Specific gravity .....	1.1	Weight (lbs.) .....	9.3
Intake .....	1" FNPT	<b>Electrical</b>	
Discharge .....	1/2" MNPT	<b>582603</b> .....	115V, 50/60Hz, 1.7 amps, 185 watts, 1PH 6' power cord, 3-prong plug.
Magnet Housing .....	Glass-filled Polyphenylene Sulfide (e.g. Ryton®)	<b>582698</b> .....	Pump head less motor.
Volute .....	Glass-filled Polyphenylene Sulfide (e.g. Ryton®)		

**TE-4-MD-HC**

- C-CSA **582604** .....115V 6' power cord,  
3-prong plug.  
 C-CSA **582614** .....230V 6' power cord,  
no plug.

**PRODUCT CHARACTERISTICS**

Motor .....	1/10 HP Open TEFC PSC	Impeller Assembly .....	Glass-filled Polyphenylene Sulfide (e.g. Ryton®)
<b>RPM</b>			w/carbon bushing
582604 .....	3000	O-ring .....	Viton®
582614 .....	2750/3000	Thrust washers .....	Ceramic
Maximum flow rate .....	14GPM	Shaft .....	Ceramic
Maximum Head .....	24.3'	<b>Weight (lbs.)</b>	
Intermittent Liquid Temp. ....	200°F	582604 .....	10.3
Specific gravity .....	1.1	582614 .....	10.0
Intake .....	1" FNPT	<b>Electrical</b>	
Discharge .....	1/2" MNPT	<b>582604</b> .....	115V, 60Hz, 1.7 amps, 178 watts, 1PH 6' power cord, 3-prong plug.
Magnet Housing .....	Glass-filled Polyphenylene Sulfide (e.g. Ryton®)	<b>582614</b> .....	230V, 50/60Hz, .5/.7 amps, 120/170 watts, 1PH 6' power cord, no plug.
Volute .....	Glass-filled Polyphenylene Sulfide (e.g. Ryton®)		

**5-MD-HC**

- C-CSA **583603** .....115V 6' power cord,  
3-prong plug.  
 C-CSA **583613** .....230V 6' power cord,  
no plug.  
**583698** .....Pump head less motor.

**PRODUCT CHARACTERISTICS**

Motor .....	1/8 HP Open FC PSC	Impeller Assembly .....	Glass-filled Polyphenylene Sulfide (e.g. Ryton®)
<b>RPM</b>			w/carbon bushing
583603 .....	3000	O-ring .....	Viton®
583613 .....	2500/3000	Thrust washers .....	Ceramic
Maximum flow rate .....	17.5GPM	Shaft .....	Ceramic
Maximum Head .....	27.5'	Weight (lbs.) .....	9.5
Intermittent Liquid Temp. ....	200°F	<b>Electrical</b>	
Specific gravity .....	1.1	<b>583603</b> .....	115V, 50/60Hz, 2.02 amps, 240 watts, 1PH 6' power cord, 3-prong plug.
Intake .....	1" FNPT	<b>583613</b> .....	230V, 50/60Hz, .9/.7 amps, 194/180 watts, 1PH 6' power cord, no plug.
Discharge .....	1/2" MNPT	<b>583698</b> .....	Pump head less motor.
Magnet Housing .....	Glass-filled Polyphenylene Sulfide (e.g. Ryton®)		
Volute .....	Glass-filled Polyphenylene Sulfide (e.g. Ryton®)		



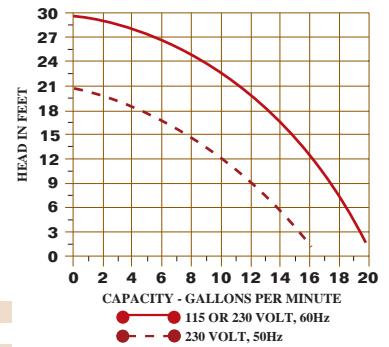
### TE-5-MD-HC

**584604** .....115V 6' power cord,  
3-prong plug (cord not installed).  
**584698** .....Pump head less motor.

#### PRODUCT CHARACTERISTICS

Motor .....	1/8 HP TEFC PSC
RPM .....	2850/3450
Maximum flow rate .....	20GPM
Maximum Head .....	29.3'
Intermittent Liquid Temp. ....	200°F
Specific gravity .....	1.1
Intake .....	1" FNPT
Discharge .....	1/2" MNPT
Magnet Housing .....	Glass-filled Polyphenylene Sulfide (e.g. Ryton®)
Volute .....	Glass-filled Polyphenylene Sulfide (e.g. Ryton®)
Impeller Assembly .....	Glass-filled Polyphenylene Sulfide (e.g. Ryton®)

.....	w/carbon bushing
O-ring .....	Viton®
Thrust washers .....	Ceramic
Shaft .....	Ceramic
Weight (lbs.) .....	16.0
<b>Electrical</b>	
<b>584604</b> .....	115V, 50/60Hz, 2.3/3.0 amps, 220/325 watts, 1PH 6' power cord, 3-prong plug (cord not installed). 230V, 50/60Hz, 1.3/1.4 amps, 220/325 watts, 1PH 6' power cord, 3-prong plug (cord not installed).
<b>584698</b> .....	Pump head less motor.



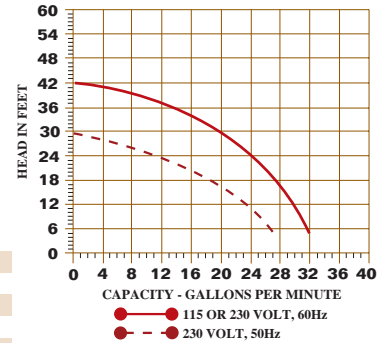
### TE-5.5-MD-HC

**585604** .....115V/230V  
Power cord not included.  
**585698** .....Pump head less motor.

#### PRODUCT CHARACTERISTICS

Motor .....	1/3 HP TEFC
RPM .....	2850/3450
Maximum flow rate .....	32GPM
Maximum Head .....	42'
Intermittent Liquid Temp. ....	180°F
Specific gravity .....	1.1
Intake .....	1" FNPT
Discharge .....	3/4" MNPT
Back Plate .....	Glass-filled Polyphenylene Sulfide (e.g. Ryton®)
Volute .....	Glass-filled Polyphenylene Sulfide (e.g. Ryton®)

Impeller Assembly .....	Glass-filled Polyphenylene Sulfide (e.g. Ryton®)
.....	w/carbon bushing
O-ring .....	Viton®
Thrust washers .....	Ceramic
Shaft .....	Ceramic
Weight (lbs.) .....	28.0
<b>Electrical</b>	
<b>585604</b> .....	115V, 50/60Hz, 5.6/5.0 amps, 340/525 watts, 1PH Power cord not included. 230V, 50/60Hz, 2.8/2.5 amps, 340/525 watts, 1PH Power cord not included.
<b>585698</b> .....	Pump head less motor.



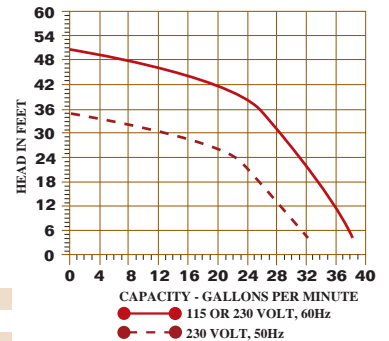
### TE-6-MD-HC

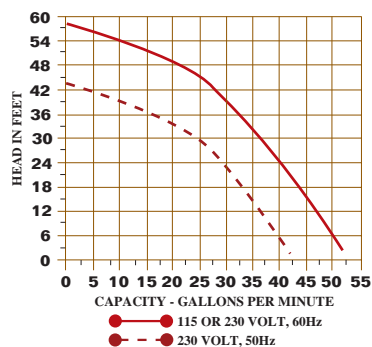
**586604** .....115V/230V  
Power cord not included.  
**586698** .....Pump head less motor.

#### PRODUCT CHARACTERISTICS

Motor .....	1/2 HP TEFC, Split Phase
RPM .....	2850/3450
Maximum flow rate .....	38GPM
Maximum Head .....	51'
Intermittent Liquid Temp. ....	180°F
Specific gravity .....	1.1
Intake .....	1" FNPT
Discharge .....	3/4" MNPT
Back Plate .....	Glass-filled Polyphenylene Sulfide (e.g. Ryton®)
Volute .....	Glass-filled Polyphenylene Sulfide (e.g. Ryton®)

Impeller Assembly .....	Glass-filled Polyphenylene Sulfide (e.g. Ryton®)
.....	w/carbon bushing
O-ring .....	Viton®
Thrust washers .....	Ceramic
Shaft .....	Ceramic
Weight (lbs.) .....	29.0
<b>Electrical</b>	
<b>586604</b> .....	115V, 50/60Hz, 11.6/9.4 amps, 640/835 watts, 1PH Power cord not included. 230V, 50/60Hz, 5.8/4.7 amps, 640/835 watts, 1PH Power cord not included.
<b>586698</b> .....	Pump head less motor.

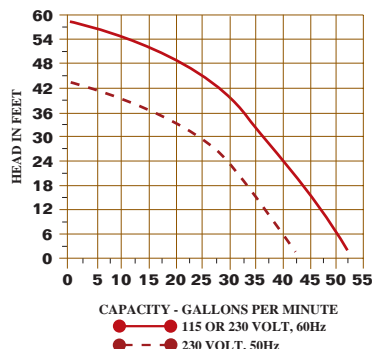


**TE-7-MD-HC**

- 587010** .....115V/230V Power cord not included.  
**587040** .....230V/460V Power cord not included.  
**587103** .....Pump head less motor.

**PRODUCT CHARACTERISTICS**

Motor .....	3/4 HP TEFC PSC	O-ring .....	Viton®
RPM .....	2850/3450	Thrust washers .....	Ceramic
Maximum flow rate .....	53GPM	Shaft .....	Ceramic
Maximum Head .....	58.9'	Weight (lbs.) .....	40.0
Intermittent Liquid Temp. ....	200°F	<b>Electrical</b>	
Specific gravity .....	1.1	<b>587010</b> .....	115V, 50/60Hz, 10.4/11.8
Intake .....	1 1/2" FNPT	amps, 1080/1230 watts, 1PH	Power cord not included.
Discharge .....	1" MNPT	230V, 50/60Hz, 5.2/5.9 amps, 1080/1230 watts,	
Back Plate.....	Glass-filled Polyphenylene Sulfide (e.g. Ryton®)	1PH	Power cord not included.
Volute .....	Glass-filled Polyphenylene Sulfide (e.g. Ryton®)	<b>587040</b> .....	230V, 50/60Hz, 2.4/2.9
Impeller Assembly .....	Glass-filled Polyphenylene Sulfide (e.g. Ryton®)	amps, 1080/1230 watts, 3PH	Power cord not included.
	w/carbon bushing	460V, 50/60Hz, 1.2/1.45 amps, 1080/1230 watts,	
		3PH	Power cord not included.
		<b>587103</b> .....	Pump head less motor.

**EP-7-MD-HC**

- 587030** .....115V/230V  
 Power cord not included.  
**587020** .....230V/460V  
 Power cord not included.  
**587103** .....Pump head less motor.

**PRODUCT CHARACTERISTICS**

Motor .....	3/4 HP EP	O-ring .....	Viton®
RPM .....	2850/3450	Thrust washers .....	Ceramic
Maximum flow rate .....	53GPM	Shaft .....	Ceramic
Maximum Head .....	58.5'	Weight (lbs.) .....	47.0
Intermittent Liquid Temp. ....	200°F	<b>Electrical</b>	
Specific gravity .....	1.1	<b>587030</b> .....	115V, 50/60Hz, 9.6/12.6
Intake .....	1 1/2" FNPT	amps, 1080/1230 watts, 1PH	Power cord not included.
Discharge .....	1" MNPT	230V, 50/60Hz, 4.8/6.3 amps, 1080/1230 watts,	
Back Plate.....	Glass-filled Polyphenylene Sulfide (e.g. Ryton®)	1PH	Power cord not included.
Volute .....	Glass-filled Polyphenylene Sulfide (e.g. Ryton®)	<b>587020</b> .....	230V, 50/60Hz, 2.6/2.8
Impeller Assembly .....	Glass-filled Polyphenylene Sulfide (e.g. Ryton®)	amps, 1080/1230 watts, 3PH	Power cord not included.
	w/carbon bushing	460V, 50/60Hz, 1.3/1.4 amps, 1080/1230 watts,	
		3PH	Power cord not included.
		<b>587103</b> .....	Pump head less motor.

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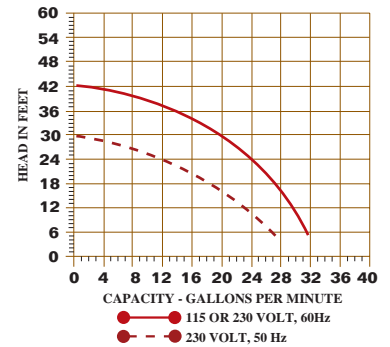
## MD-CK SERIES

For highly corrosive chemicals and solutions.



### TE-5.5-MD-CK\*

**585600** .....115V/230V  
Power cord not included.  
**585698** ..... Pump head less motor.



### PRODUCT CHARACTERISTICS

Motor .....1/3 HP TEFC, Split Phase  
RPM .....2850/3450  
Maximum flow rate .....32GPM  
Maximum Head .....42'  
Intermittent Liquid Temp. ....200°F  
Specific gravity .....1.1  
Intake .....1" FNPT  
Discharge .....3/4" MNPT  
Back Plate .....Carbon-filled Kynar® (PVDF)  
Volute .....Carbon-filled Kynar® (PVDF)  
Impeller Assembly .....Carbon-filled Kynar® (PVDF)

\*w/Mica-filled Teflon

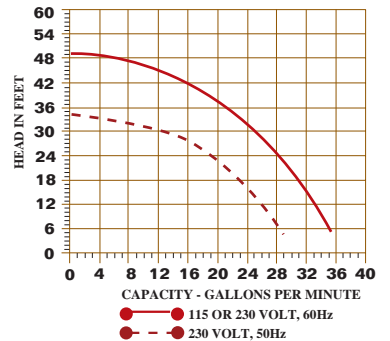
**bushing**  
O-ring .....Viton®  
Thrust washers .....Ceramic  
Shaft .....Ceramic  
Weight (lbs.) .....28.0

**Electrical**  
**585600** .....115V, 50/60Hz, 5.6/5.0  
amps, 340/525 watts, 1PH Power cord not  
included. 230V, 50/60Hz, 2.8/2.5 amps,  
340/525 watts, 1PH Power cord not included.



### TE-6-MD-CK

**586600** .....115V/230V  
Power cord not included.  
**586678** ..... Pump head less motor.



### PRODUCT CHARACTERISTICS

Motor .....1/2 HP TEFC, Split Phase  
RPM .....2850/3450  
Maximum flow rate .....35GPM  
Maximum Head .....49'  
Intermittent Liquid Temp. ....200°F  
Specific gravity .....1.1  
Intake .....1" FNPT  
Discharge .....3/4" MNPT  
Back Plate .....Carbon-filled Kynar® (PVDF)  
Volute .....Carbon-filled Kynar® (PVDF)  
Impeller Assembly .....Carbon-filled Kynar® (PVDF)

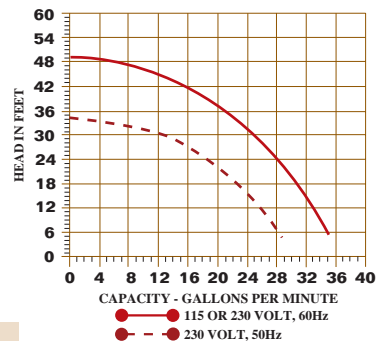
w/Chemloy bushing  
O-ring .....Viton®  
Thrust washers .....Ceramic  
Shaft .....Ceramic  
Weight (lbs.) .....30.0

**Electrical**  
**586600** .....115V, 50/60Hz, 11.6/9.4  
amps, 640/835 watts, 1PH Power cord not  
included. 230V, 50/60Hz, 5.8/4.7 amps,  
640/835 watts, 1PH Power cord not included.  
**586678** ..... Pump head less motor.



### TE-6-MD-CK\*

**586610** .....115V/230V  
Power cord not included.  
**586688** ..... Pump head less motor.



### PRODUCT CHARACTERISTICS

Motor .....1/2 HP TEFC, Split Phase  
RPM .....2850/3450  
Maximum flow rate .....35GPM  
Maximum Head .....49'  
Intermittent Liquid Temp. ....200°F  
Specific gravity .....1.1  
Intake .....1" FNPT  
Discharge .....3/4" MNPT  
Back Plate .....Carbon-filled Kynar® (PVDF)  
Volute .....Carbon-filled Kynar® (PVDF)  
Impeller Assembly .....Carbon-filled Kynar® (PVDF)

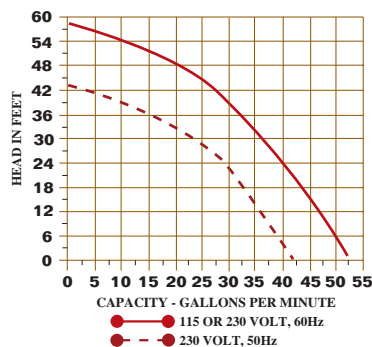
\*w/mica-filled teflon

**bushing**  
O-ring .....Viton®  
Thrust washers .....Ceramic  
Shaft .....Ceramic  
Weight (lbs.) .....30.0

**Electrical**  
**586610** .....115V, 50/60Hz, 11.6/9.4  
amps, 640/835 watts, 1PH Power cord not  
included. 230V, 50/60Hz, 5.8/4.7 amps,  
640/835 watts, 1PH Power cord not included.  
**586688** ..... Pump head less motor.

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**TE-7-MD-CK**

- 587600** .....115V/230V Power cord not included.  
**587639** .....115V/230V Power cord not included.  
**587603** .....230V/460V Power cord not included.  
**587106** .....Pump head less motor.

**PRODUCT CHARACTERISTICS**

Motor	3/4 HP TEFC PSC
RPM	2850/3450
Maximum flow rate	53GPM
Maximum Head	58.5'
Intermittent Liquid Temp.	200°F
Specific gravity	1.1
Intake	1 1/2" FNPT
Discharge	1" MNPT
Back Plate	Carbon-filled Kynar® (PVDF)
Volute	Carbon-filled Kynar® (PVDF)
Impeller Assembly	Carbon-filled Kynar® (PVDF) w/Chemloy bushing

<b>O-ring</b>	
587600	Viton®
587639	Teflon
587603	Viton®
587106	Viton®

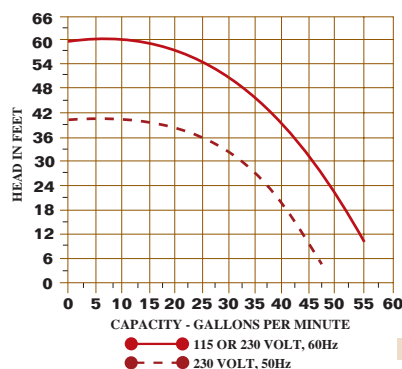
<b>Thrust washers</b>	
587600	Ceramic
587639	Silicon Carbide
587603	Ceramic
587106	Ceramic

<b>Shaft</b>	
587600	Ceramic
587639	Silicon Carbide
587603	Ceramic
587106	Ceramic
Weight (lbs.)	40.0

<b>Electrical</b>	
<b>587600</b>	115V, 50/60Hz, 10.4/11.8 amps, 1080/1230 watts, 1PH Power cord not included.
	230V, 50/60Hz, 5.2/5.9 amps, 1080/1230 watts, 1PH Power cord not included.
<b>587639</b>	115V, 50/60Hz, 10.4/11.8 amps, 1080/1230 watts, 1PH Power cord not included.
	230V, 50/60Hz, 5.2/5.9 amps, 1080/1230 watts, 1PH Power cord not included.
<b>587603</b>	230V, 50/60Hz, 2.4/2.9 amps, 1080/1230 watts, 3PH Power cord not included.
	460V, 50/60Hz, 1.2/1.45 amps, 1080/1230 watts, 3PH Power cord not included.
<b>587106</b>	Pump head less motor.

**7 - MD - SST SERIES**

Volute, housing, and impeller are made of stainless steel, giving the pump excellent chemical resistance. The 7-MD-SST Series also features leakproof, seal-less magnetic drives, and is designed for in-line, non-submersible use. The 7-MD-SST's pump has ceramic shaft and thrust washers of 99.5% pure alumina for excellent wear and trouble-free service. Pumping heads are easily rotated, cleaned or serviced with no special tools required, and the spindle shaft is supported at both ends to prevent impeller damage during start-up and stop.

**TE-7-MD-SST**

- 587301** .....115V/230V Single Phase,  
power cord not included.  
**587302** .....230V/460V Single Phase,  
power cord not included.  
**587303** .....115V/230V Three Phase,  
power cord not included.  
**587304** .....230V/460V Three Phase,  
power cord not included.

**PRODUCT CHARACTERISTICS**

<b>Motor</b>	
587301,587302	3/4 HP
587303,587304	1 1/2 HP
RPM	2850/3450
Maximum flow rate	52.5GPM
Maximum Head	55.7'
Intermittent Liquid Temp.	250°F
Specific gravity	
3/4HP	1.1
1 1/2HP	1.2 - 1.5
Intake	1 1/2" FNPT
Discharge	1" MNPT
Back Plate	Stainless Steel
Volute	Stainless Steel
Impeller Assembly	Stainless Steel w/Carbon Bushing
O-ring	Viton®
Thrust washers	Ceramic
Shaft	Ceramic
Weight (lbs.)	36 - 51

<b>Electrical</b>	
<b>587301</b>	115V, 50/60Hz, 9.9/12.4 amps, 845/1280 watts, 1PH Power cord not included.
	230V, 50/60Hz, 5.0/6.2 amps, 845/1280 watts, 1PH Power cord not included.
<b>587302</b>	230V, 50/60Hz, 3.6/3.8 amps, 650/830 watts, 3PH Power cord not included.
	460V, 50/60Hz, 1.9/1.5 amps, 630/800 watts, 3PH Power cord not included.
<b>587303</b>	115V, 50/60Hz, 12.2/13.0 amps, 875/1300 watts, 1PH Power cord not included.
	230V, 50/60Hz, 5.9/6.5 amps, 875/1300 watts, 1PH Power cord not included.
<b>587304</b>	230V, 50/60Hz, 3.8/4.6 amps, 700/850 watts, 3PH Power cord not included.
	460V, 50/60Hz, 1.8/2.4 amps, 650/850 watts, 3PH Power cord not included.

## TUBE PUMPS



**LG-100**



**LG-102**



**LG-300**

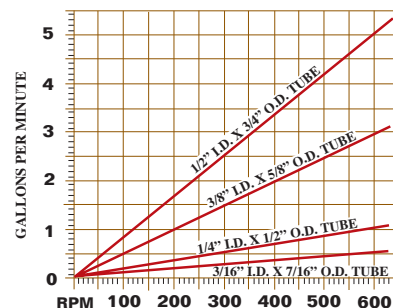
For chemistries that attack pump parts, Little Giant Pump Company Tube Pumps are specifically designed to handle fluids that should not be exposed to pump parts. Fluid movement is achieved by revolving roller arms that squeeze fluid through a tube. The fluid being pumped comes in contact only with the tube. Ideal for moving solutions such as slurries, harsh chemicals, detergents, sludge, sterile fluids, syrups, and metered solutions.

Motors, motor pulleys, tubing and V-belts are not included with Little Giant Pump Company Tube Pumps. Additional items needed:

- 2 1/2" OD motor pulley for type A or 4L V-belt for 1/2" shaft. If Little Giant Pump Company base is used, belt length should be 30".
- **Suggested motors:** Dayton (stock #6K490), GE (stock #5XBH024), or Marathon (stock #Q48S17D596). Motors should be 1/3 HP, Nema 48 frame, with resilient cradle base. Motors should be rated at 1725 RPM and thermally protected, with a 40°C rise. They should have a service factor of 1.35, with a minimum class A insulation rating.

Using the above motor specifications, pump speed will be approximately 700 RPM.

Model	Item Number	Recommended Tube Sizes (I.D. X O.D. - in.)	Pump Pulley (in.)
LG-100	575100	3/16 X 7/16 OR 1/4 X 1/2	6
LG-102	575192	3/16 X 7/16 OR 1/4 X 1/2	6
LG-300	575300	3/8 X 5/8 OR 1/2 X 3/4	6
LG-302	575392	3/8 X 5/8 OR 1/2 X 3/4	6



RPM PERFORMANCE BASED ON 2-1/2" MOTOR PULLEY

## MAXIMUM FLUID TEMPERATURE

Pump Model	PUMP HEAD MAXIMUM PSIG						
	0	10	20	30	40	50	60
2-MD	150 F	150 F	140 F	140 F	140 F	140 F	NR
3-MD	150 F	150 F	140 F	140 F	140 F	140 F	NR
4-MD	150 F	120 F	120 F	120 F	110 F	110 F	NR
5-MD	150 F	120 F	120 F	120 F	110 F	110 F	NR
2-MD-SC	150 F	150 F	140 F	140 F	140 F	140 F	NR
3-MD-SC	150 F	150 F	140 F	140 F	140 F	140 F	NR
4-MD-SC	140 F	120 F	120 F	120 F	110 F	110 F	NR
5-MD-SC	150 F	120 F	120 F	120 F	110 F	110 F	NR
TE-5.5-MD-SC	150 F	120 F	70 F	70 F	NR	NR	NR
TE-6-MD-SC	135 F	120 F	70 F	70 F	NR	NR	NR
TE-7-MD-SC	135 F	120 F	70 F	70 F	NR	NR	NR
2-MD-HC	200 F	200 F	150 F	150 F	150 F	130 F	130 F
3-MD-HC	200 F	200 F	150 F	150 F	150 F	130 F	130 F
4-MD-HC	200 F	150 F	150 F	150 F	150 F	130 F	130 F
5-MD-HC	200 F	150 F	150 F	150 F	150 F	130 F	130 F
TE-5.5-MD-HC	180 F	175 F	170 F	165 F	150 F	NR	NR
TE-6-MD-HC	180 F	175 F	170 F	165 F	150 F	NR	NR
TE-7-MD-HC	200 F	200 F	200 F	200 F	200 F	180 F	180 F
EP-7-MD-HC	200 F	200 F	200 F	200 F	200 F	180 F	180 F
TE-5.5-MD-CK	200 F	180 F	150 F	125 F	120 F	NR	NR
TE-6-MD-CK	200 F	180 F	150 F	125 F	120 F	NR	NR
TE-7-MD-CK	200 F	200 F	200 F	200 F	200 F	200 F	160 F
TE-7-MD-SST	250 F	250 F	250 F	250 F	250 F	250 F	250 F

NR = Not Recommended

When ordering, please specify Model and Item numbers.

[www.LittleGiantPump.com](http://www.LittleGiantPump.com)

## THEORETICAL IMPELLER DIAMETER CHANGE FOR LIQUIDS HEAVIER THAN WATER

Liquid Sp.G	1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.0
Orig. Dia. X	1.0	.97	.94	.91	.89	.87	.85	.83	.82	.81	.79

(Example: For 1.4 specific gravity, to use a 4-MD-HC, the standard impeller dia., 2.5" would be trimmed to 2.23" dia. -  $2.5 \times .89$ )

NOTE: To keep liquid from breaking magnet coupling and/or motor overheating, other changes may also be needed. A reduction of the outlet diameter and increasing the discharge head or increasing the back pressure may be required. Always consult your distributor or the factory for special applications.

## LITTLE GIANT MAGNETIC DRIVE PUMPS ACCESSORY PARTS\*

### TUBING ADAPTERS FOR INLETS OF MD PUMPS

Material = Polypropylene Temp. Rating = 150 F.

Item No.	Description	Pump Inlet Size
599451	1/2" MNPT x 3/4" O.D. BARB	1/2" FNPT
599452	3/4" MNPT x 1" O.D. BARB	3/4" FNPT
599453	1" MNPT x 1 1/4" O.D. BARB	1" FNPT
599454	1 1/2" MNPT x 1 1/2" O.D. BARB	1-1/2" FNPT

These adaptors allow the use of flexible tubing to be easily connected to the pump inlets with no restriction of flow.

## O-RINGS

Item No.	Type	Size	Uses
924023	Teflon Encapsulated Viton®	2-040 (2.864 I.D. x .070)	Replaces standard O-ring in MD, MD-SC and MD-HC #1 through #5 series pumps.
924008	Viton®	2-040 (2.864 I.D. x .070)	Standard on MD-HC, #2 through #5 series pumps. Can be used on MD and SC #1 through #5 series.
924019	Teflon®	2-243 (4.109 I.D. x .139)	Replaces standard O-ring in TE-5.5, TE-6; and 7-MD, SC and HC pumps.

## TE AND EP-7-MD-HC IMPELLERS WITH REDUCED DIAMETER VANES\*

(Standard Vane O.D. = 3.75 in.)

Item No.	Description	Vane O.D.
599186	Polyphenylene Sulfide (e.g. Ryton®) w/carbon bushing	3.625 in.
599185	Polyphenylene Sulfide (e.g. Ryton®) w/carbon bushing	3.500 in.
599184	Polyphenylene Sulfide (e.g. Ryton®) w/carbon bushing	3.375 in.
599182	Polyphenylene Sulfide (e.g. Ryton®) w/carbon bushing	3.130 in.
599183	Polyphenylene Sulfide (e.g. Ryton®) w/carbon bushing	3.250 in.

Chemloy Bushing #187086.\* For use with Polyphenylene Sulfide (e.g. Ryton®) 7-MD impeller. Replaces standard Carbon Bushing in TE and EP-7-MD-HC pumps. (Note: Use of the Chemloy bushing in these pumps negates their run-dry capability.)

\*Parts shown above must be purchased separately and installed in the field.

**LITTLE GIANT**  
PUMP COMPANY

## MD SERIES SPECIFICATIONS

MODEL NO.	ITEM NO.	INTAKE SIZE	DISC. SIZE	MOTOR								MOTOR TYPE	MAX PSI	SHUT OFF HEAD(FT)	GALLONS PER MINUTE				WT. PKD. (LBS.)	DIMENSIONS		
				VOLTS	HZ	RPM	PH	HP	WATTS	AMPS					1'	3'	9'	15'		HT.	WD.	LG.
1-EUAA-MD	588205	1/2" O.D.	1/2" O.D.	115	60	3000	1	1/200	17	.3		ENCAP.	2.2	5.0	2.5	1.75	-	-	3.00	3.60	2.80	4.80
1-AA-MD	588001	1/2" O.D.	1/2" O.D.	115	60	3250	1	1/200	16	.4		OPEN	2.35	5.4	2.7	1.7	-	-	2.33	3.70	2.38	4.90
1-AA-MD	588002	1/2" O.D.	1/2" O.D.	230	60	3000	1	1/200	20	.2		OPEN	2.35	5.4	2.7	1.7	-	-	2.33	3.70	2.38	4.90
				50		2900				.14			1.8	4.2	2.5	1.2						
1-MD	589002	1/2" O.D.	1/2" O.D.	115	60	2450	1	1/70	60	.79		OPEN FC	4.6	10.6	3.0	2.8	0.3	-	4.00	5.00	4.00	8.30
1-MD	589012	1/2" O.D.	1/2" O.D.	230	60	3000	1	1/70	100	.64		OPEN FC	4.6	10.6	3.0	2.8	0.3	-	6.25	5.00	4.00	8.30
				50		2700				.66			3.2	7.5	3.6	3.2						
2-MD	580002	1/2" FNPT	1/2" MNPT	115	60	3100	1	1/30	100	1.5		OPEN FC	6.3	14.6	8.5	7.8	5.5	-	6.25	4.30	4.00	8.50
2-MD	580012	1/2" FNPT	1/2" MNPT	230	60	3000	1	1/30	100	.64		OPEN FC	6.3	14.6	8.5	7.8	5.5	-	6.25	4.30	4.00	8.50
				50		2700				.65			4.5	10.5	7.8	7.0	3.3	-				
3-MD	581002	1/2" FNPT	1/2" MNPT	115	60	3300	1	1/20	105	1.4		OPEN FC	7.0	16.1	9.1	8.4	5.7	2.5	7.50	4.30	4.00	8.50
3K-MDX	581030	5/8" O.D.	5/8" O.D.	115	60	1550	1	1/50	67	.94		OPEN FC	3.0	7.0	5.8	5.0	-	-	5.50	5.25	3.50	7.59
3-MDX	581031	5/8" O.D.	5/8" O.D.	115	60	3000	1	1/25	126	1.65		OPEN FC	8.2	19.0	7.6	7.2	6.0	3.0	6.25	5.25	3.50	8.26
TE-3-MD	581012	1/2" FNPT	1/2" MNPT	230	60	3200	1	1/20	115	.8		TEFC	7.1	16.3	9.8	9.1	6.5	2.5	8.00	4.30	4.00	8.50
				50		2750				1.1			5.0	11.5	8.2	7.5	3.8	-				
4-MD	582002	1/2" FNPT	1/2" MNPT	115	60	3250	1	1/12	213	2.4		OPEN FC	10.2	23.7	11.5	11.0	9.1	6.5	8.50	4.30	4.00	8.90
4-MD	582012	1/2" FNPT	1/2" MNPT	230	60	2500	1	1/12	212	1.4		OPEN FC	10.2	23.7	11.5	11.0	9.1	6.5	8.50	4.30	4.00	8.90
5-MD	583002	1/2" FNPT	1/2" MNPT	115	60	3250	1	1/8	200	2.1		PSC OPEN FC	15.0	34.6	15.1	14.6	12.5	10.6	9.25	5.60	5.40	8.30
5-MD	583012	1/2" FNPT	1/2" MNPT	230	60	2500	1	1/8	240	1.1		PSC OPEN FC	15.0	34.6	15.1	14.6	12.5	10.6	9.25	5.60	5.40	8.30

## MD - SC SERIES SPECIFICATIONS

MODEL NO.	ITEM NO.	INTAKE SIZE	DISC. SIZE	MOTOR								MOTOR TYPE	MAX PSI	SHUT OFF HEAD(FT)	GALLONS PER MINUTE				WT. PKD. (LBS.)	DIMENSIONS		
				VOLTS	HZ	RPM	PH	HP	WATTS	AMPS					1'	3'	9'	15'		HT.	WD.	LG.
1.5-MDI-SC	589201	3/4" MNPT 3/8" FNPT	1/4" MNPT	115	60	3100	1	1/35	88	1.1		OPEN FC	5.4	12.5	5.4	5.0	2.7	-	4.25	4.49	3.50	7.89
PE-1.5-MDI-SC	589204	1/2" MNPT	1/4" MNPT	115	60	3000	1	1/35	63	0.9		ENCAP.	5.5	12.8	5.4	5.0	2.7	-	5.00	3.75	4.02	7.50
2-MD-SC	580503	1/2" FNPT	1/2" MNPT	115	60	2900	1	1/25	109	1.43		OPEN FC	6.3	14.6	8.5	7.8	5.5	-	6.25	5.00	4.00	8.90
2-MD-SC	580513	1/2" FNPT	1/2" FNPT	230	60	3000	1	1/30	100	0.64		OPEN FC	6.3	14.6	8.5	7.8	5.5	-	6.25	5.00	4.00	8.90
				50		2700				0.65			4.5	10.5	7.8	7.0	3.3					
2-MDX-SC	580509	1" FNPT	1" MNPT	115	60	3000	1	1/30	110	1.5		OPEN FC	3.5	8.1	12.8	10.7	-	-	6.25	5.25	3.94	9.27
3-MDI-SC	581508	3/4" FNPT	1/2" MNPT	115	60	3200	1	1/15	90	0.8		TEPSC	7.8	18.0	11.5	10.8	8.3	4.0	9.25	4.90	3.94	11.40
3-MDX-SC	581509	1" FNPT	1" MNPT	115	60	3200	1	1/15	100	0.9		TEPSC	6.1	14.0	18.3	16.7	11.5	-	9.25	5.17	3.94	11.73
3-MD-SC	581503	3/4" FNPT	1/2" MNPT	115	60	3100	1	1/12	190	2.4		OPEN FC	9.5	21.9	12.5	11.8	10.0	7.1	8.50	5.00	4.00	9.80
3-MD-SC	581513	3/4" FNPT	1/2" MNPT	230	60	3000	1	1/12	190	1.2		OPEN FC	9.5	21.9	12.5	11.8	10.0	7.1	8.50	5.00	4.00	8.90
3-MD-SC	581576	3/4" FNPT	1/2" MNPT	230	50	2600	1	1/12	205	1.7		OPEN FC	6.5	15.0	10.4	9.9	7.0	-	7.70	5.00	4.00	9.80
4-MD-SC	582503	1" FNPT	1/2" MNPT	115	60	3000	1	1/10	185	1.7		OPEN FC PSC	10.5	24.3	14.2	13.5	11.8	9.2	9.00	4.90	5.50	9.60
4-MDX-SC	582509	1" FNPT	1" MNPT	115	60	3280	1	1/10	145	1.3		OPEN FC PSC	7.4	17.0	22.1	20.4	15.0	5.2	9.00	5.19	5.13	9.92
TE-4-MDX-SC	582515	1" FNPT	1" MNPT	230	60	3200	1	1/10	145	0.6		TEFC PSC	7.48	17.3	22.0	20.3	15.8	8.3	10.25	5.25	5.40	10.92
				50		2750							5.19		19.8	17.5	10.8					
TE-4-MD-SC	582514	1" FNPT	1/2" MNPT	230	60	3000	1	1/10	150	0.7		TEFC PSC	10.5	24.3	14.2	13.5	11.8	9.2	9.75	4.94	5.50	10.56
				50		2750				0.5			6.9	16.0	12.8	12.0	9.0	3.8				
TE-5-MD-SC	584504	1" FNPT	1/2" MNPT	115	60	3450	1	1/8	325	3.0		TEFC PSC	12.7	29.3	20.0	19.2	17.0	14.3	16.00	7.30	5.20	11.20
				50		2850				2.3			8.8	20.4	16.2	15.2	12.2	8.0				
5-MD-SC	583503	1" FNPT	1/2" FNPT	115	60	3000	1	1/8	208	2.0		OPEN FC PSC	11.9	27.5	17.5	16.5	14.0	10.9	9.25	5.50	5.50	8.70
5-MD-SC	583513	1" FNPT	1/2" FNPT	230	60	2500	1	1/8	240	1.1		OPEN FC PSC	11.9	27.5	17.5	16.5	14.0	10.9	9.25	5.50	5.50	8.70
				50		2400				1.0			8.5	19.5	15.8	14.8	11.0	6.1				
TE-5.5-MD-SC	585504	1" FNPT	3/4" MNPT	115	60	3450	1	1/3	525	2.5		TEFC	18.0	42.0	-	33.0	30.5	28.0	27.00	7.00	8.75	15.25
				230	60	3450	1	1/3	525	2.5			18.0	42.0	-	33.0	30.5	28.0				
				50		2850				2.8			12.6	29.0	-	27.7	24.5	21.0				
TE-6-MD-SC	586504	1" FNPT	3/4" MNPT	115	60	3450	1	1/2	835	9.4		TEFC	22.0	51.0	-	39.0	36.5	34.0	29.00	7.00	8.75	15.25
				230	60	3450				4.7			22.0	51.0	-	39.0	36.5	34.0				
				50		2850				5.8			15.2	35.0	-	33.0	30.0	26.5				
TE-7-MD-SC	587400	1-1/2" FNPT	1" MNPT	115	60	3450	1	3/4	1230	11.8		TEFC	25.5	58.9	-	46.7	40.0	37.0	40.00	8.30	8.00	17.30
				50		2850				10.4			17.5	40.5	-	42.0	37.5	34.0				
				230	60	3450				5.9			25.5	58.9	-	46.7	40.0	37.0				
				50		2850				5.2			17.5	40.5	-	42.0	37.5	34.0				

TUBE PUMPS SPECIFICATIONS										
MODEL	ITEM NO.	LGT	HT	WD.	GPH/TUBE SIZE				WT. LBS.	
					3/16 x 7/16	1/4 x 1/2	3/8 x 5/8	1/2 x 3/4		
LG-100	575100	5	6-1/2	4-7/8	36	60			5.0	
LG-102	575192	15	9-3/8	9-5/8	36	60			13.0	
LG-300	575300	6-1/8	6-1/2	5-1/2			170	290	7.0	
LG-302	575392	15	9 3/8	9 5/8			170	290	15.0	

NOTE: Motor used with the above Tube Pumps should be 60Hz, 1/3 HP NEMA 48 frame, resilient cradle base, 1725 RPM, sleeve bearings, thermally protected, 40°C rise, service factor 1.35, minimum insulation class A.

MOTOR TYPE:  
ENCAP = EPOXY ENCAPSULATED  
OPEN = OPEN MOTOR  
FC = FAN COOLED  
TEFC = TOTALLY ENCLOSED  
PSC = PERMANENTLY SPLIT CAPACITOR  
EP = EXPLOSION PROOF

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# MD - HC SERIES SPECIFICATIONS

MODEL NO.	ITEM NO.	INTAKE SIZE	DISC SIZE	MOTOR							MOTOR TYPE	MAX PSI	SHUT OFF HEAD(FT)	GALLONS PER MINUTE				WT. PKD. (LBS.)	DIMENSIONS			
				VOLTS	HZ	RPM	PH	HP	WATTS	AMPS				1'	3'	9'	15'		HT.	WD.	LG.	
2-MD-HC	580603	1/2" FNPT	1/2" MNPT	115	60	3100	1	1/30	131	1.7	OPEN FC	6.3	14.6	8.5	7.8	5.5	-	7.00	5.00	4.00	8.90	
2-MD-HC	580613	1/2" FNPT	1/2" MNPT	230	60	3000	1	1/30	100	0.64	OPEN FC	6.3	14.6	8.5	7.8	5.5	-	7.00	5.00	4.00	8.90	
3-MD-HC	581603	3/4" FNPT	1/2" MNPT	115	60	3100	1	1/12	180	2.4	OPEN FC	9.5	21.9	12.5	118	10.0	7.1	8.75	5.00	4.00	8.90	
3-MD-HC	581613	3/4" FNPT	1/2" MNPT	230	60	3000	1	1/12	169	1.2	OPEN FC	9.5	21.9	12.5	11.8	10.0	7.1	8.50	5.00	4.00	8.90	
3-MD-MT-HC	578603	1/2" MNPT	1/2" MNPT	115	60	3100	1	1/25	94	1.3	OPEN FC	7.0	16.2	8.3	7.6	5.9	1.7	6.50	5.50	3.90	7.90	
TE-3-MD-HC	581604	1/2" FNPT	1/2" MNPT	115	60	3100	1	1/25	107	1.3	TEFC	7.1	16.3	9.8	9.1	6.5	2.5	8.75	5.00	4.00	8.90	
TE-3-MD-HC	581614	1/2" FNPT	1/2" MNPT	230	60	3200	1	1/20	120	0.8	TEFC	7.1	16.3	9.8	9.1	6.5	2.5	8.25	5.00	4.00	8.90	
				50		2750			135	1.1		5.0	11.5	9.3	8.3	6.3						
TE-3-MD-HC	581698	1/2" MNPT	1/2" MNPT				PUMP HEAD LESS MOTOR															
4-MD-HC	582603	1" FNPT	1/2" MNPT	115	60	3000	1	1/10	185	1.7	OPEN FC PSC	10.5	24.3	14.2	13.5	11.8	9.2	9.25	4.90	5.50	9.60	
TE-4-MD-HC	582604	1" FNPT	1/2" MNPT	115	60	3000	1	1/10	178	1.7	TEFC PSC	10.5	24.3	14.2	13.5	11.8	9.2	10.25	5.00	5.50	10.90	
TE-4-MD-HC	582614	1" FNPT	1/2" MNPT	230	60	3000	1	1/10	170	0.7	TEFC PSC	10.5	24.3	14.2	13.5	11.8	9.2	10.00	4.90	5.50	10.90	
				50		2750			120	0.5		6.9	16.0	12.8	12.1	9.0	4.1					
5-MD-HC	583603	1" FNPT	1/2" MNPT	115	60	3000	1	1/8	240	2.02	OPEN FC PSC	11.9	27.5	17.5	16.0	14.0	10.9	9.50	5.50	5.50	8.70	
5-MD-HC	583613	1" FNPT	1/2" MNPT	230	60	3000	1	1/8	180	0.9	OPEN FC PSC	11.9	27.5	17.5	16.5	14.0	10.9	9.50	5.50	5.50	8.70	
				50		2500			194			8.8	19.5	15.8	14.8	11.0	6.1	9.50	5.50	5.50	8.70	
TE-5-MD-HC	584604	1" FNPT	1/2" MNPT	115	60	3450	1	1/8	325	3.0	TEFC PSC	12.7	29.3	20.0	19.2	17.0	14.8	16.00	7.30	5.20	11.20	
				230	60	3450	1	1/8	325	1.4		12.7	29.3	20.0	19.2	17.2	14.8					
				50		2850	1	1/8	220	1.3		8.8	20.4	16.2	15.2	12.2	8.0					
TE-5.5-MD-HC	585604	1" FNPT	3/4" MNPT	115	60	3450	1	1/3	525	5.0	TEFC	17.5	40.5	-	33.0	30.5	28.0	28.00	7.00	8.75	15.25	
				230	60	3450			525	2.5		17.5	40.5	-	33.0	30.5	28.0					
				50		2850			340	2.8		12.8	29.5	-	27.0	25.0	21.0					
TE-6-MD-HC	586604	1" FNPT	3/4" MNPT	115	60	3450	1	1/2	835	9.4	TEFC	22.1	51.0	-	39.0	36.5	34.0	28.00	7.00	8.75	15.25	
				230	60	3450			835	4.7		22.1	51.0	-	39.0	36.5	34.0					
				50		2850			640	5.8		15.4	35.5	-	33.0	30.0	27.0					
TE-7-MD-HC	587010	1-1/2" FNPT	1" MNPT	115	60	3450	1	3/4	1230	11.8	TEFC	25.5	58.9	53	46.7	40.0	37.5	40.00	8.30	8.00	17.30	
				230	60	3000			1230	5.9		25.5	58.9	53	46.7	40.0	37.5					
				50		2850			1080	5.2		18.8	43.5	-	42.0	37.5	34.0					
TE-7-MD-HC	587040	1-1/2" FNPT	1" MNPT	230	60	3450	3	3/4	1230	2.9	TEFC	25.5	58.5	-	52.0	48.0	45.0	32.00	8.30	8.00	17.30	
				50		2850			1080	2.4		18.8	43.5	-	42.0	37.5	34.0					
				460	60	3450			1230	1.45		25.5	58.5	-	52.0	48.0	45.0					
				50		2850			1080	1.2		18.8	43.5	-	42.0	37.5	34.0					
EP-7-MD-HC	587030	1-1/2" FNPT	1" MNPT	115	60	3450	1	3/4	1230	12.6	EP	25.5	58.9	53	52.0	48.0	45.0	47.00	7.50	8.00	20.00	
				230	60	3450			1230	6.3		25.5	58.9	53	52.0	48.0	45.0					
				50		2850			1080	4.8		18.8	43.5	-	42.0	37.5	34.0					
EP-7-MD-HC	587020	1-1/2" FNPT	1" MNPT	230	60	3450	3	3/4	1230	2.8	EP	25.5	58.9	53	52.0	48.0	45.0	53.00	7.50	8.00	18.52	
				50		2850			1080	2.6		18.8	43.5	-	42.0	37.5	34.0					
				460	60	3450			1230	1.4		25.5	58.9	53	52.0	48.0	45.0					
				50		2850			1080	1.3		18.8	43.5	-	42.0	37.5	34.0					
TE-5.5-MD-CK	585600	1" FNPT	3/4" MNPT	115	60	3450	1	1/3	525	5.0	TEFC	17.5	40.5	-	35.5	34.0	32.0	28.00	7.00	8.75	15.25	
				50		2850			340	5.6		-	29.5	-	35.5	27.0	24.0					
				230	60	3450			525	2.5		-	-	-	35.5	34.0	32.0					
				50		2850			340	2.8		-	-	-	29.5	27.0	24.0					
TE-5.5-MD-CK	585698	1" FNPT	3/4" MNPT				HEAD LESS MOTOR						18.0	42.0	-							
TE-5.5-MD-CK	586600	1" FNPT	3/4" MNPT	115	60	3450	1	1/2	835	9.4	TEFC	21.3	49.1	-	32.0	31.0	28.0	30.00	7.00	8.75	14.40	
				230	60	3450			835	4.7		21.3	49.1	-	32.0	31.0	28.0					
				50		2850			640	5.8		14.7	34.0	-	28.0	25.0	20.0					
TE-6-MD-CK	586610	1" FNPT	3/4" MNPT	115	60	3450	1	1/2	835	9.4	TEFC	21.3	49.1	-	35.5	34.0	32.0	30.00	7.00	8.75	14.40	
				50		2850	1	1/2	640	11.6												
				230	60	3450			835	4.7		21.3	49.1	-	29.5	27.0	24.0					
				50		2850			640	5.8												
TE-7-MD-CK	587600	1-1/2" FNPT	1" MNPT	115	60	3450	1	3/4	1230	11.8	TEFC	25.3	58.5	53	52.0	48.0	45.0	40.00	8.30	8.00	17.30	
				230	60	3450			1230	5.9		25.3	58.5	53	52.0	48.0	45.0					
				50		2850			1080	5.2		17.5	40.5	-	42.0	37.5	34.0					
TE-7-MD-CK	587603	1-1/2" FNPT	1" MNPT	230	60	3450	3	3/4	1230	2.9	TEFC	25.5	58.9	-	46.7	40.0	37.5	33.00	8.30	8.00	17.30	
				50		2850			1080	2.4		17.5	40.5	-	42.0	37.5	34.0					
				460	60	3450			1230	1.45		25.5	58.9	-	46.7	40.0	37.0					
				50		2850			1080	1.2		17.5	40.5	-	42.0	37.5	34.0					
TE-7-MD-CK	587639	1-1/2" FNPT	1" MNPT	115	60	3450	3	3/4	1230	2.9	TEFC	25.5	58.9	-	46.7	40.0	37.5	40.00	8.30	8.00	17.30	
				50		2850			1080	2.4		17.5	40.5	-	42.0	37.5	34.0					
				230	60	3450			1230	1.45		25.5	58.9	-	46.7	40.0	37.0					
				50		2850			1080	1.2		17.5	40.5	-	42.0	37.5	34.0					
TE-7-MD-SST	587301	1-1/2" FNPT	1" MNPT	115	60	3450	1	3/4	1280	12.4	TEFC-PSC	24.1	55.7	52.5	51.3	47.0	40.2	43.30	8.50	8.60	17.20	



D I S T R I B U T E D   B Y :



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