

LittleGIANT®

INDUSTRIAL PRODUCT CATALOG



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Franklin Electric

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PONY PUMP® SERIES - 1/10 HP

APPLICATIONS

Commercial, industrial, and home uses where liquid must be transferred

FEATURES

- Self-priming for instant delivery or dewatering up to 6 ft (1.8 m)
- Non-submersible stainless steel or plated brass pump body
- Rugged metallic handle for easy portability
- Dual threaded intake and discharge with both 3/4" male garden hose thread and 3/8" FNPT
- Model 360K includes pump, hose, strainer, and suction adapter
- Separate kit options available
- Includes 2 extra impellers and gasket
- Model 365 and 365S include 6 ft (1.8 m) lead wires with battery alligator clips
- Models 360 and 365 have a nitrile shaft seal
- Model 370 has a fluoroelastomer shaft seal for improved temperature and abrasion resistance



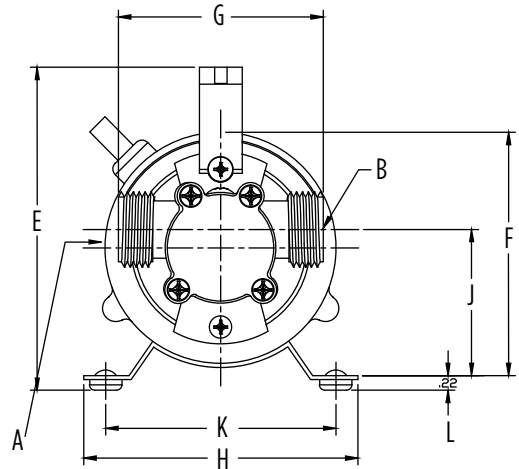
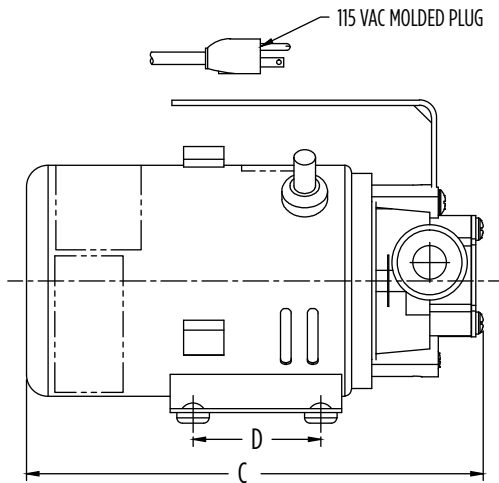
SERIES SPECIFICATIONS

Volts	Hz	Amps		Watts	Performance (GPH @ Height in Feet)				Shut-Off (ft)	PSI
		FLA	Start		1'	5'	10'	20'		
115	60	1.6	2.4	91	360	330	300	250	25'	10.8
12 VDC	-	7	14	84	300	270	240	202	25'	10.8

Item No.	Model	HP	Volts	Material	Operation	Cord	Weight
555112	360	1/10	115	Plated Brass	Self-Priming	6' 1.8 m	3.4 lbs 1.54 Kg
555113	370	1/10	115	Plated Brass	Self-Priming	6' 1.8 m	4.7 lbs 2.12 Kg
555602	365	1/10	12 VDC	Plated Brass	Self-Priming	6' Leads w/clips 1.8 m	4.7 lbs 2.12 Kg
555203	365S	1/10	12 VDC	Stainless Steel	Self-Priming	6' Leads w/clips 1.8 m	4.7 lbs 2.12 Kg
555111	360K	1/10	115	Plated Brass	Self-Priming	6' 1.8 m	8.0 lbs 3.6 Kg

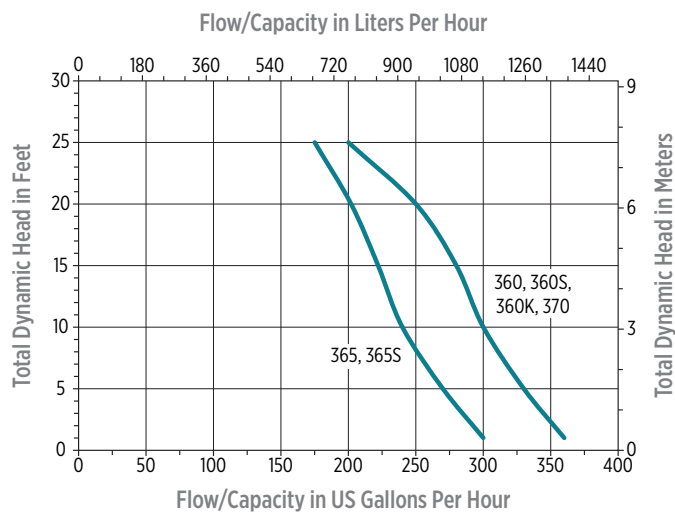
PONY PUMP® SERIES - 1/10 HP

ENGINEERING DATA



Model	A	B	C	D	E	F	G	H	J	K	L
115 V	3/4" GHT 1.91 cm	3/8" NPT 9.5 mm	6.73" 17.09 cm	1.87" 4.75 cm	4.68" 11.89 cm	3.90" 9.91 cm	3.00" 7.62 cm	4.25" 10.80 cm	2.26" 5.74 cm	3.37" 8.56 cm	0.22" 5.6 mm
12 VDC	3/4" GHT 1.91 cm	3/8" NPT 9.5 mm	5.93" 15.06 cm	1.87" 4.75 cm	4.18" 10.62 cm	3.13" 7.95 cm	3.00" 7.62 cm	3.37" 8.56 cm	1.82" 4.62 cm	3.37" 8.56 cm	0.22" 5.6 mm

PERFORMANCE DATA



OPTIONAL KITS

Item No.	Model	Includes	Kit Used On
555702	HRK-360S	(2) Each - Buna Impeller with SST Insert, Buna Cover Gaskets (1) Each - SST Cam, SST Cam Screws, SST Volute Cover, Cam Gasket (4) Each - Volute Cover Screws	All Models
555706	IRK-360	(2) Each - Buna Impellers with Brass Insert, Buna Cover Gaskets	555111, 555112, 555602
555713	IRK-360S	(2) Each - Buna Impellers with SST Insert, Buna Cover Gaskets	555110, 555203
555714	ISRK-360S	(2) Each - Buna Impellers with SST Insert, Buna Cover Gaskets (1) Each - Slinger, Viton U-Cup Seal, Felt Washer, Retainer Ring	All Models



UPSP-5 SERIES - 1/2 HP

APPLICATIONS

Portable utility transfer pump perfect for intermittent duty, moving water from one location to another. The pump can be used to pump water from flooded basements, watering lawns and gardens, and draining water heaters. The pump can also be used to boost water pressure for washing vehicles, sidewalks and more.

FEATURES

- Non-submersible, inline, portable, all cast iron utility transfer pump with integral carrying handle
- Self-priming to 15 ft (4.6 m) when priming chamber is filled
- Priming chamber plug can be removed and installed by hand and features an o-ring seal
- Convenient 3/4" (19 mm) brass garden hose adapters on intake and discharge
- Engineered thermoplastic impeller
- 3/4" (19 mm) FNPT discharge
- 140 °F (60 °C) liquid temperature rating
- cCSAus listed
- Includes wire form stainless steel suction strainer accessory



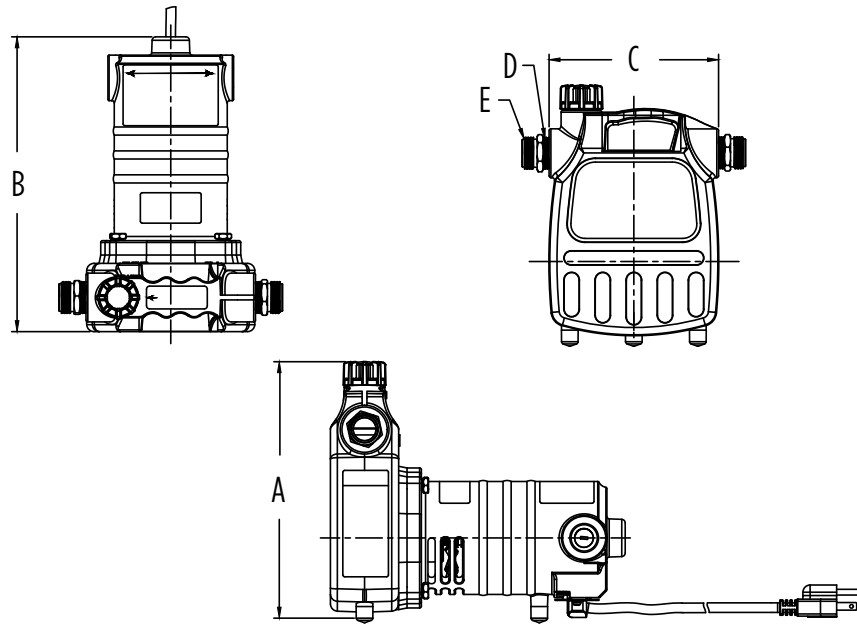
SERIES SPECIFICATIONS

Volts	Hz	Amps	Watts	GPH / Liters per Hour @ Height					Cord Length ft / m	Shut-Off ft / m	PSI
				20 ft / 6 m	40 ft / 12 m	60 ft / 18 m	80 ft / 24 m	100 ft / 30 m			
115	60	10	1020	1600 / 6057	1400 / 5300	1200 / 4542	1000 / 3785	800 / 3028	8 / 2.4	145 / 44	62.9

Item No.	Model	Volts	Operation	Cord	Weight
555104	UPSP-5	115	Self-Priming	10' 3 m	21.25 lbs 9.64 Kg

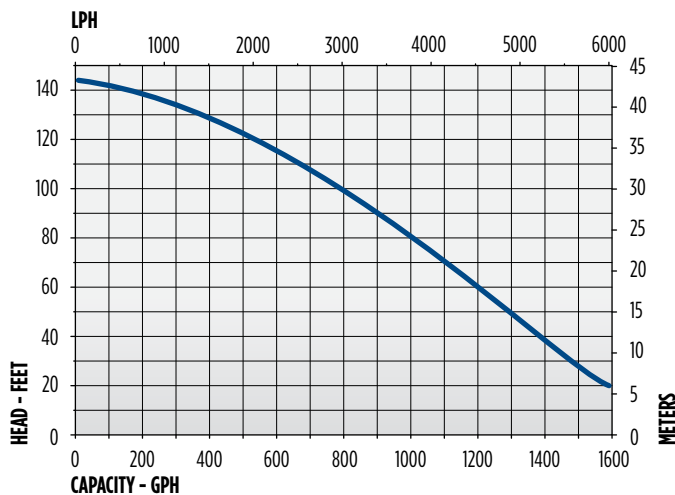
UPSP-5 SERIES - 1/2 HP

ENGINEERING DATA



A	B	C	D	E
8.6" (22.0 mm)	10.0" (25.4 mm)	5.6" (14.0 mm)	3/4" MNPT (1.91 cm)	3/4" MGHT (1.91 cm)

PERFORMANCE DATA



CONSTRUCTION

Motor Housing	Cast iron
Impeller Material	Thermoplastic
Impeller Type	Semi-open
Volute	Cast iron
Motor Shaft	Carbon steel
Shaft Seal	Carbon/ceramic
Fasteners	Stainless steel
Bearings	Front and back ball bearings
Power Cord	SJT



5 SERIES - 1/6 HP

APPLICATIONS

The 5-Series is one of the most compact utility pumps on the market. Ideal for light commercial and multi-purpose residential applications where water removal, transfer, or circulation is required.

FEATURES

- Corrosion- and rust-resistant, epoxy-coated cast aluminum pump housing gives strength and high heat dissipation for both consumer and professional use
- Rated for continuous duty which allows for a wide range of applications and uses
- Compact design (with manual version weighing in just under seven pounds) makes this pump truly portable
- 1/6 hp energy efficient and oil free PSC motor is environmentally friendly and delivers 1500 gph maximum capacity
- FKM triple-lip seal
- Upper and lower ball bearings for long life
- 1" FNPT (25.4 mm) discharge (includes garden hose adapter for quick plug and play)
- Removable inlet screen allows for easy cleaning without tools
- In manual operation, pumps down to 1/8" (3.2 mm) with screen, and down to 1/16" (1.6 mm) without screen to reduce overall water removal clean up time and effort
- Multiple switch options for automatic operation gives application flexibility
- Multiple power cord lengths available
- 120 °F (49 °C) maximum liquid temperature rating
- cULus on items 505723, 505712, 505714, 505715, 505717



5-MSP

5-ASP



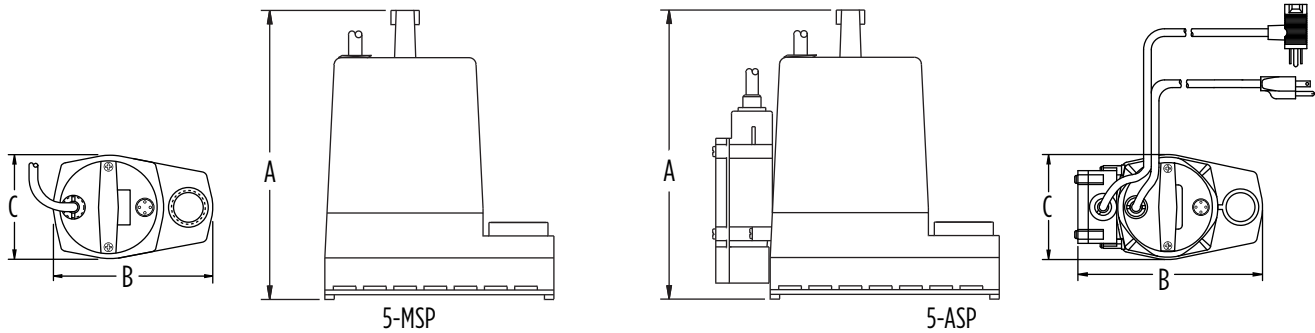
SERIES SPECIFICATIONS

Volts	Hz	Amps	Watts	Performance (GPH / Liters per Minute @ Height)					Shut-Off	PSI
		FLA		1 ft / 0.3 m	3 ft / 0.9 m	5 ft / 1.5 m	10 ft / 3 m	20 ft / 6.1 m		
115	60	2.0	220	1500 5678	1464 5542	1395 5281	1191 4508	528 1999	26 ft / 7.9 m	11.43
230	60	1.0	220	1500 5678	1464 5542	1395 5281	1191 4508	528 1999	26 ft / 7.9 m	11.43

Item No.	Model	HP	Volts	Switch Type/ Operation	On Level	Off Level	Cord	Weight
505715	5-ASP	1/6	115	Piggyback Diaphragm (Standard Version)	6" - 9" 15.2 cm - 22.9 cm	1" - 4" 2.5 cm - 10.2 cm	10' 3 m	7.5 lbs 3.4 kg
505717	5-ASP-LL	1/6	115	Piggyback Diaphragm (Low Level Version)	2" - 3" 5.1 cm - 7.6 cm	1/2" - 1-1/2" 1.3 cm - 3.8 cm	18' 5.5 m	8.0 lbs 3.6 kg
505723	5-MSP	1/6	115	Manual	-	-	10' 3 m	7.0 lbs 3.2 kg
505712	5-MSP	1/6	115	Manual	-	-	25' 7.6 m	7.4 lbs 3.4 kg
505714	5-MSP	1/6	230	Manual	-	-	12' 3.7 m	7.0 lbs 3.2 kg
505721	5-MSP	1/6	127	Manual	-	-	18' 5.5 m	7.2 lbs 3.3 kg

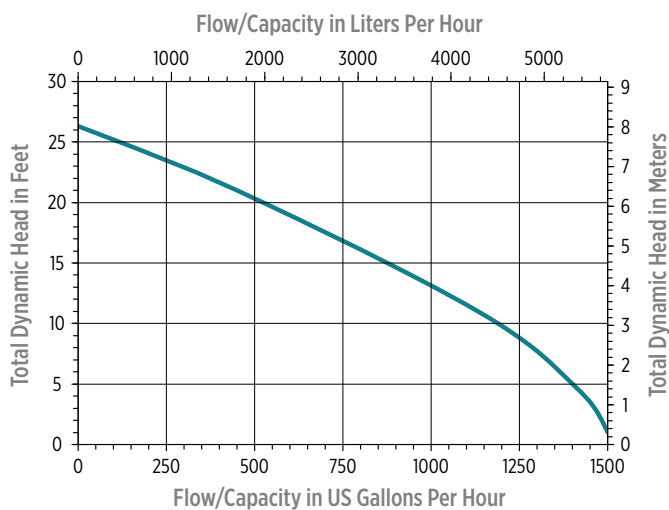
5 SERIES - 1/6 HP

ENGINEERING DATA



Model	A	B	C
5-MSP	8.07" 20.50 cm	6.10" 15.50 cm	4.29" 10.90 cm
5-ASP	8.07" 20.50 cm	7.75" 19.69 cm	4.29" 10.90 cm

PERFORMANCE DATA



CONSTRUCTION

Motor Housing	Epoxy-coated cast aluminum
Impeller Material	Nylon
Impeller Type	Semi-open
Volute	Nylon
Motor Shaft	Stainless steel
Shaft Seal	Fluoroelastomer (FKM)
Fasteners	Stainless steel
Bearings	Upper and lower ball bearing
Power Cord	SJTW
RPM	3450
Motor Type	PSC



FLS/FS SERIES - 1/2 HP, 1 HP

APPLICATIONS

Water transfer or recirculation and general construction dewatering

FEATURES

- 1/2 hp or 1 hp permanent split capacitor (PSC) motor with overload protection
- Designed for continuous duty
- 2" MNPT discharge
- 120 °F (49 °C) liquid temperature rating
- cCSAus listed



FLS-400

FS-750



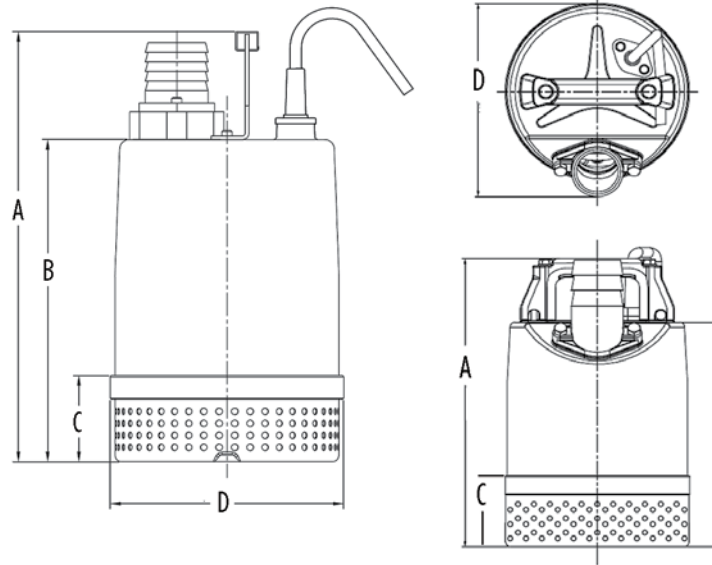
SERIES SPECIFICATIONS

HP	Volts	Hz	Amps		Watts	Performance (GPM @ Height in Feet)						Shut-Off (ft)	PSI
			FLA	Start		5'	10'	15'	20'	30'	40'		
1/2	115	60	5	24	488	60	54	42	20	-	-	37	16
1	115	60	10	47.6	950	80	76	73	68	54	38	52	22.5

Item No.	Model	HP	Volts	Switch Type/ Operation	Cord	Weight
620240	FLS-400	1/2	115	Manual	20' 6.1 m	24 lbs 10.89 Kg
620241	FS-750	1	115	Manual	20' 6.1 m	35 lbs 15.88 Kg

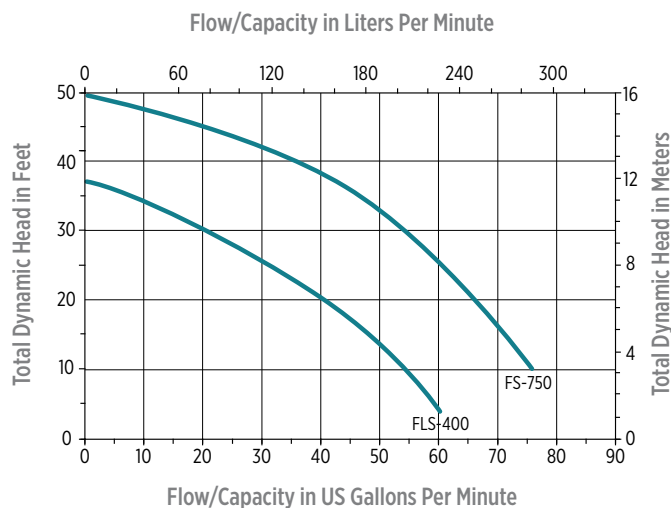
FLS/FS SERIES - 1/2 HP, 1 HP

ENGINEERING DATA



Model	A	B	C	D
FLS-400	11.93" 30.30 cm	9.3" 23.62 cm	2" 5.08 cm	7.99" 20.29 cm
FL-750	13.94" 35.41 cm	10.79" 27.41 cm	2.84" 7.21 cm	7.24" 18.39 cm

PERFORMANCE DATA



CONSTRUCTION

Motor Housing	Stainless steel
Impeller Material	Urethane rubber (620240) Balanced ductile iron (620241)
Impeller Type	Semi-open
Volute	Cast iron
Motor Shaft	Stainless steel
Seals	Double mechanical seals (lower - silicon carbide on silicon carbide, upper - carbon on ceramic)
Fasteners	Plated steel
Bearings	Upper and lower ball bearings
Power Cord	SJTW 14/3



1-EA SERIES - 1/125 HP

APPLICATIONS

Dual purpose epoxy encapsulated pump that may be used totally submersed or in-line (fed with pipe or hose). For commercial, industrial and home applications including statuary fountains, water displays, air conditioners, machine tool coolants and many other applications where liquid must be transferred or recirculated. This compact 170 GPH pump features a 1/4" MNPT discharge and 7' shut-off head capability.

FEATURES

- For submersible or in-line use
- Epoxy encapsulated motor
- 7' maximum lift
- 36 watts
- 1/4" MNPT discharge
- Thermal overload protection



1-EA-42



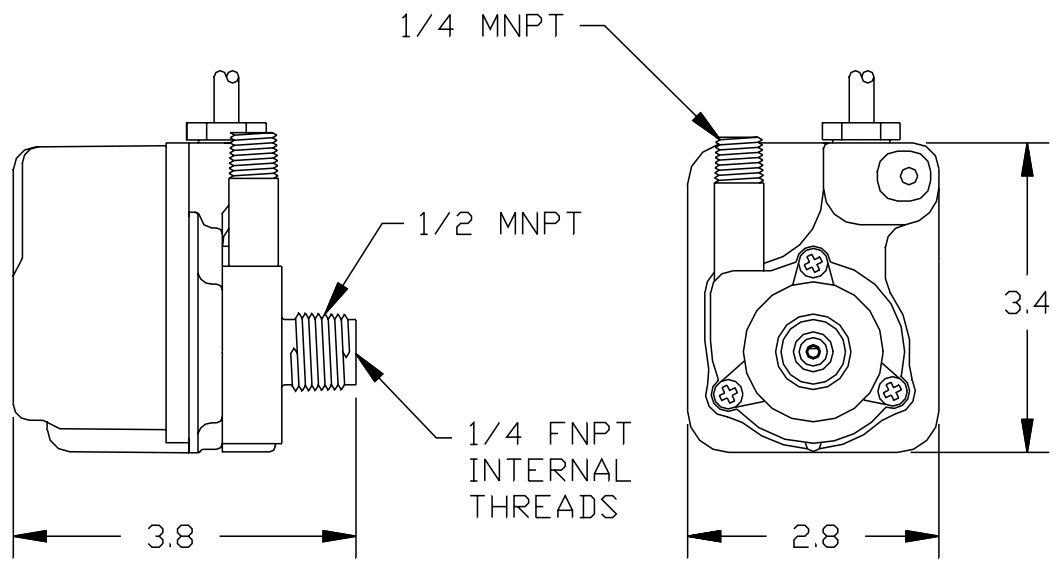
SERIES SPECIFICATIONS

Model No.	Item No.	Discharge Size	Intake Size	Listing(s)	HP	Volts	Hertz	Amps	Watts	Performance (GPH@ Head)			Shutoff		Cord Length (ft.)	Weight (lbs.)
										1'	3'	5'	Ft.	P.S.I.		
1-EA-42	518087	1/4" MNPT	1/2" MNPT & 1/4" FNPT	UL/CSA	1/125	115	60	0.6	36	170	140	100	7	3.0	10	3.17

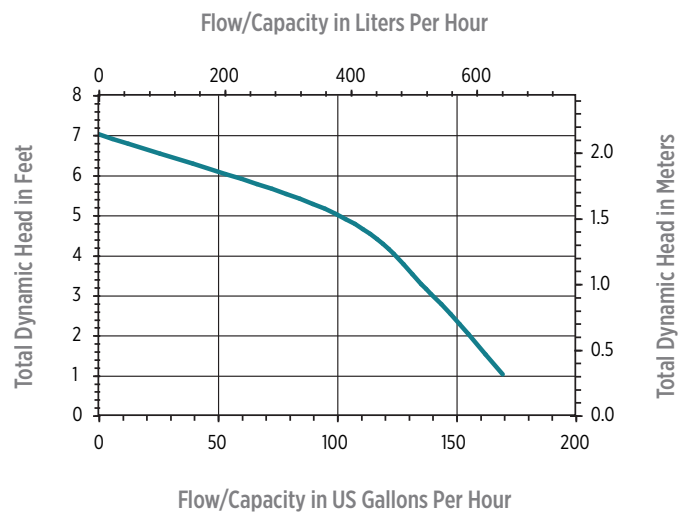
SMALL SUBMERSIBLE PUMPS

1-EA SERIES - 1/125 HP

ENGINEERING DATA



PERFORMANCE DATA



REPLACEMENT PARTS

Volute	101377
Impeller	118442
Gasket	131009

PE-1 SERIES - 1/125 HP

APPLICATIONS

Small submersible epoxy encapsulated pump for commercial, industrial and home use. Applications include statuary fountains, water displays, air conditioners, machine tool coolants, and many other applications where liquid must be transferred or recirculated. This compact 170 GPH pump features a 1/4" MNPT discharge, 7' shut-off head capability, screened inlet and a 6' power cord.

FEATURES

- Epoxy encapsulated motor
- 7' maximum lift
- 36 watts
- 1/4" MNPT discharge (accepts 1/2" I.D. tubing)
- Impedance protected motor
- For submersible use only



PE-1

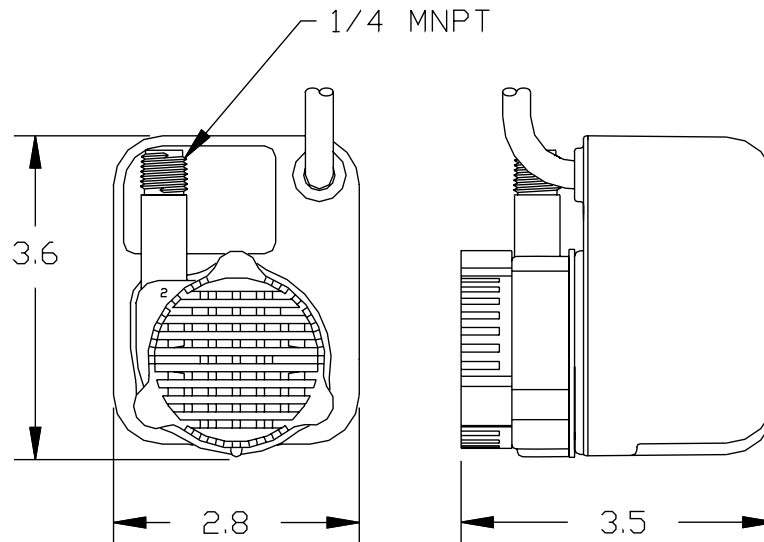


SERIES SPECIFICATIONS

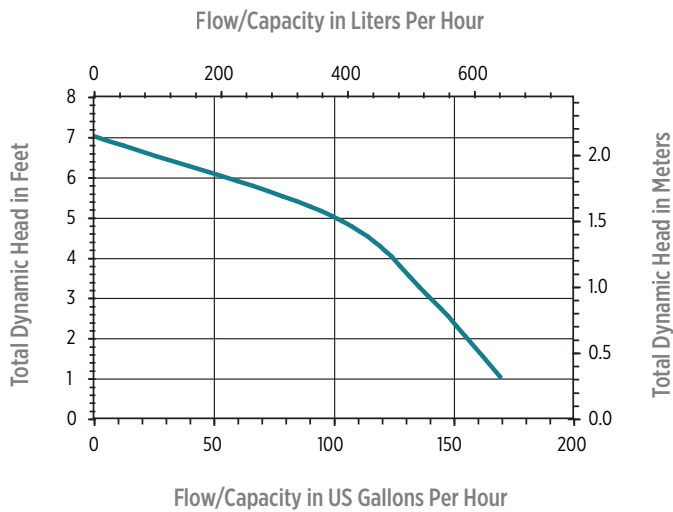
Model No.	Item No.	Discharge Size	Listing(s)	HP	Volts	Hertz	Amps	Watts	Performance (GPH@Head)			Shutoff		Cord Length (ft.)	Weight (lbs.)
									1'	3'	5'	Ft.	P.S.I.		
PE-1	518200	1/4" MNPT	UL/CSA	1/125	115	60	0.6	36	170	140	100	7	3.0	6	3.00

PE-1 SERIES - 1/125 HP

ENGINEERING DATA



PERFORMANCE DATA



REPLACEMENT PARTS

Volute	101375 (118340, PE-1H)
Impeller	118441
Screen	118901
Gasket	101604



PE-2 SERIES - 1/40 HP

APPLICATIONS

Developed with a durable and crack-resistant epoxy-encapsulated motor design, the PE-2 Series is ideal for water transfer or recirculation and water displays. By operating continuously, this direct-drive pump produces greater starting torque and more pressure than comparable mag-drive pumps. Direct-drive pumps are ideal for use in filtration, waterfalls, and streams.

FEATURES

- 1/40 hp epoxy encapsulated, direct-drive motor
- 12.2' maximum lift
- Glass-filled polyester housing
- Nylon volute
- Fluoroelastomer (FKM) shaft seal
- Snap off-screen covers intake



PE-2H



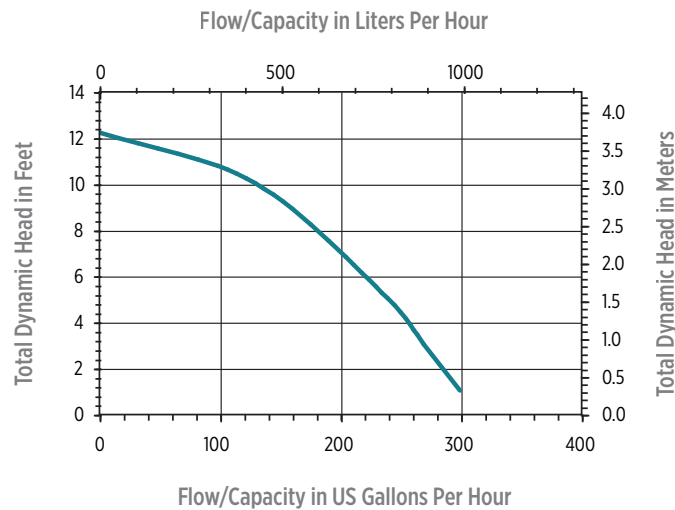
SERIES SPECIFICATIONS

Model No.	Item No.	Discharge Size	Listing(s)	HP	Volts	Hertz	Amps	Watts	Performance (GPH@Head)				Shutoff		Cord Length (ft.)	Weight (lbs.)
									1'	3'	5'	10'	Ft.	P.S.I.		
PE-2H	518400	1/4" MNPT	UL/CSA	1/40	115	60	0.8	47	300	270	240	130	12.2	3.72	6	4.2

SMALL SUBMERSIBLE PUMPS

PE-2 SERIES - 1/40 HP

PERFORMANCE DATA



REPLACEMENT PARTS

Intake Screen	102376
Screw, 8-18 X 1¼" SST	902420
Volute, hooded	102332
Volute, 3/8" FPT	102375
Gasket	102601
Impeller	102703



PE-2.5F SERIES - 1/28 HP

APPLICATIONS

Small submersible epoxy encapsulated pump for commercial, industrial and home use. Applications include statuary fountains, water displays, air conditioners, machine tool coolants, and many other applications where liquid must be transferred or recirculated. This compact 475 GPH pump features a 1/4" MNPT discharge, 13.4' shut-off head capability, screened inlet and a 6' power cord.

FEATURES

- Epoxy encapsulated motor
- 13.4' maximum lift
- 80 watts
- 3/8" MNPT discharge
- Thermal overload protection
- For submersible use only



PE-2.5F

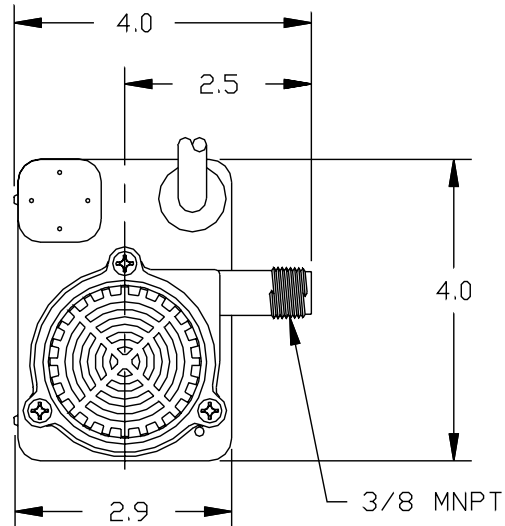
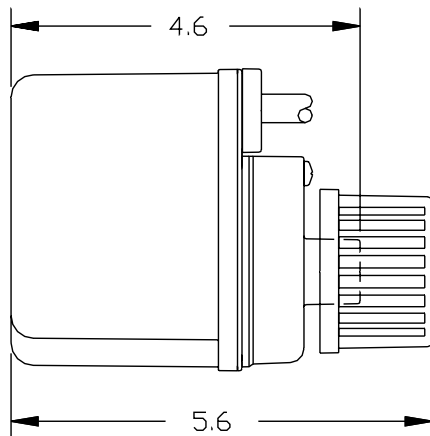


SERIES SPECIFICATIONS

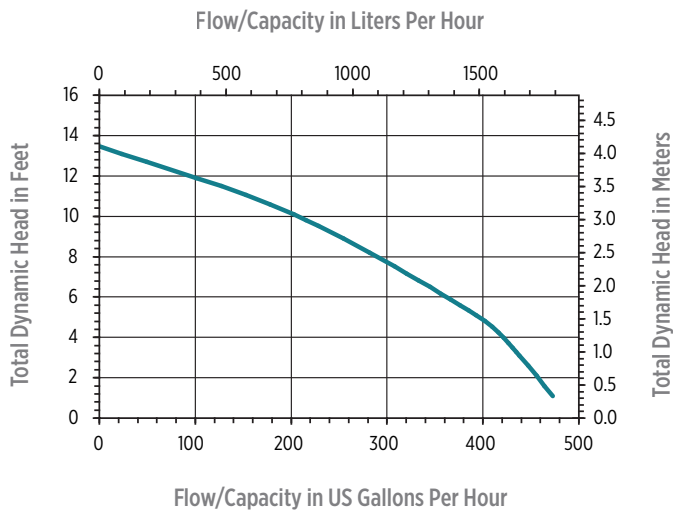
Model No.	Item No.	Discharge Size	Listing(s)	HP	Volts	Hertz	Amps	Watts	Performance (GPH@Head)				Shutoff		Cord Length (ft.)	Weight (lbs.)
									1'	3'	5'	10'	Ft.	P.S.I.		
PE-2.5F	518600	3/8" MNPT	UL/CSA	1/28	115	60	1.4	80	475	440	395	205	13.4	5.8	6	4.67

PE-2.5F SERIES - 1/28 HP

ENGINEERING DATA



PERFORMANCE DATA



REPLACEMENT PARTS

Volute	118358
Impeller	118444
Screen	118911
Seal Ring	928011
Gasket	941001



1-A SERIES - 1/28 HP

APPLICATIONS

Small submersible oil-filled pump with epoxy coated cast aluminum housing. For commercial, industrial and home applications including statuary fountains, water displays, air conditioners, machine tool coolants, and many other applications where liquid must be transferred or recirculated. This compact 170 GPH pump features a 1/4" MNPT discharge, 7' shut-off head capability, and screened inlet.

FEATURES

- Epoxy coated die-cast aluminum housing
- Oil-filled motor housing
- 7' maximum lift
- 70 watts
- 1/4" MNPT discharge
- Impedance protected motor
- For submersible use only



1-A



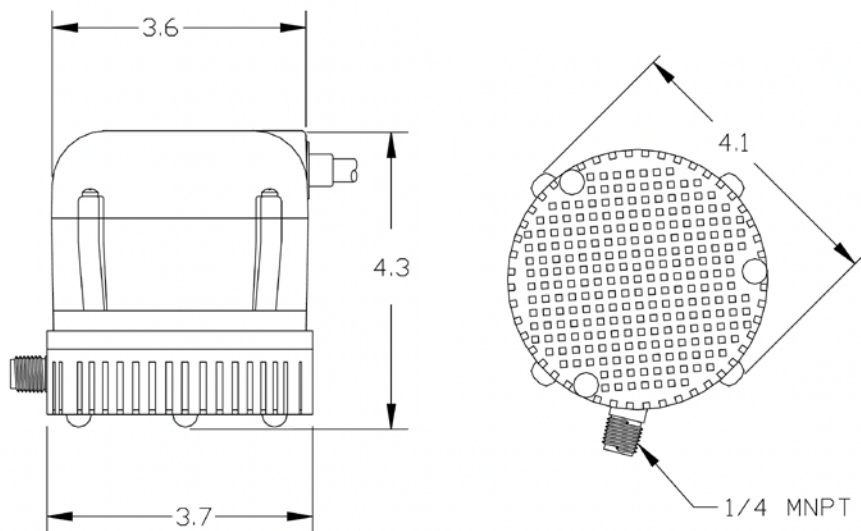
SERIES SPECIFICATIONS

Model No.	Item No.	Discharge Size	Listing(s)	HP	Volts	Hertz	Amps	Watts	Performance (GPH@Head)			Shutoff		Cord Length (ft.)	Weight (lbs.)
									1'	3'	5'	Ft.	P.S.I.		
1-AA-18	500500	1/4" MNPT	UL/CSA	1/200	115	60	1.1	70	170	140	100	7	3.0	18	4.17
1-A	500203	1/4" MNPT	UL	1/200	115	60	1.1	70	170	140	100	7	3.0	6	3.33
1-AT	500286	1/4" MNPT	UL/CSA	1/200	115	60	1.1	70	170	140	100	7	3.0	10	3.50

SMALL SUBMERSIBLE PUMPS

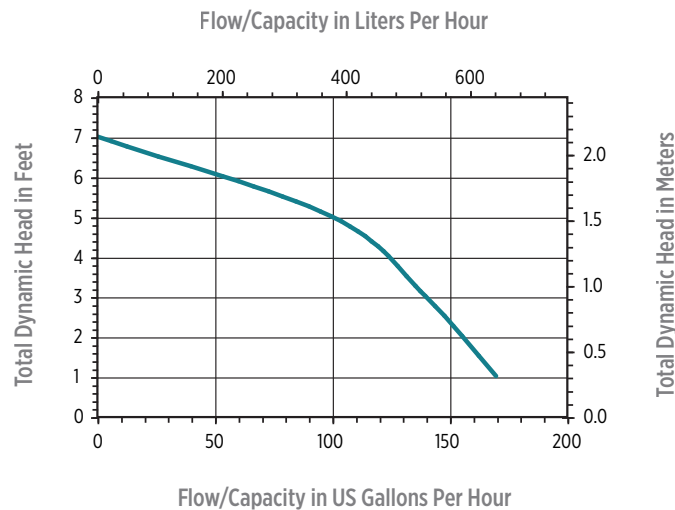
1-A SERIES - 1/28 HP

ENGINEERING DATA



A-K964

PERFORMANCE DATA



REPLACEMENT PARTS

Volute	101350
Impeller	101441
Screen	101901
Elbow	943070



1-MA SERIES - 1/200 HP

APPLICATIONS

Small submersible oil-filled pump with epoxy coated cast aluminum housing. For commercial, industrial and home applications including statuary fountains, water displays, air conditioners, machine tool coolants, and many other applications where liquid must be transferred or recirculated. This compact 170 GPH pump features a 1/4" MNPT discharge, 7' shut-off head capability, and screened inlet.

FEATURES

- Epoxy coated die-cast aluminum housing
- Oil-filled motor housing
- 7' maximum lift
- 70 watts
- 1/4" MNPT discharge
- For submersible use only



1-MA



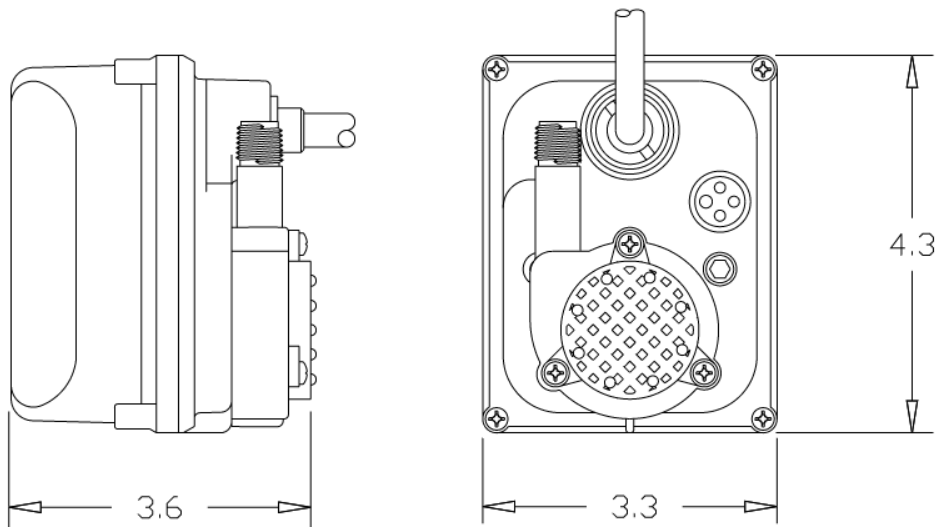
SERIES SPECIFICATIONS

Model No.	Item No.	Discharge Size	Listing(s)	HP	Volts	Hertz	Amps	Watts	Performance (GPH@Head)			Shutoff		Cord Length (ft.)	Weight (lbs.)
									1'	3'	5'	Ft.	P.S.I.		
1-MA	521203	1/4" MNPT	UL	1/200	115	60	1.1	70	170	140	100	7	3.0	6	3.17
1-MA	521500	1/4" MNPT	UL	1/200	127	60	1.1	70	170	140	100	7	3.0	6	3.17

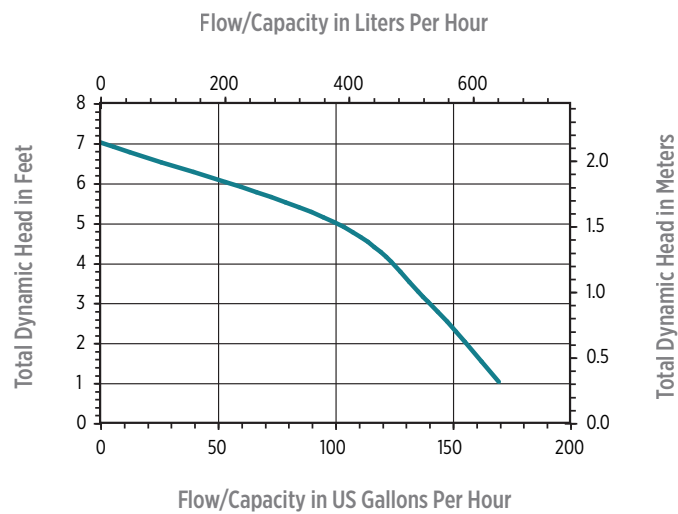
SMALL SUBMERSIBLE PUMPS

1-A SERIES - 1/28 HP

ENGINEERING DATA



PERFORMANCE DATA



REPLACEMENT PARTS

Volute	101350
Impeller	101441
Screen	122903

1-42 SERIES - 1/150 HP

APPLICATIONS

Dual purpose oil-filled pump that may be used totally submersed or in-line (fed with pipe or hose). For commercial, industrial and home applications including statuary fountains, water displays, air conditioners, machine tool coolants, and many other applications where liquid must be transferred or recirculated. This compact 205 GPH pump features a 1/4" MNPT discharge and 7.4' shut-off head capability.

FEATURES

- For submersed or in-line use
- Epoxy coated die-cast aluminum housing
- Oil-filled motor
- 7.4' maximum lift
- 70 watts
- 1/4" MNPT discharge
- Thermal overload protection



1-42

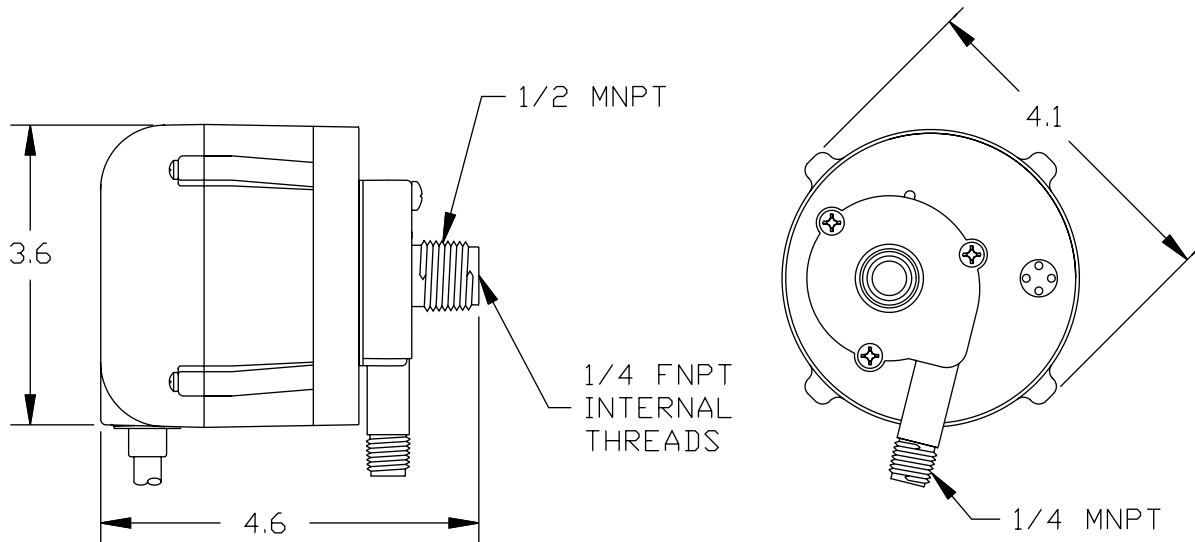


SERIES SPECIFICATIONS

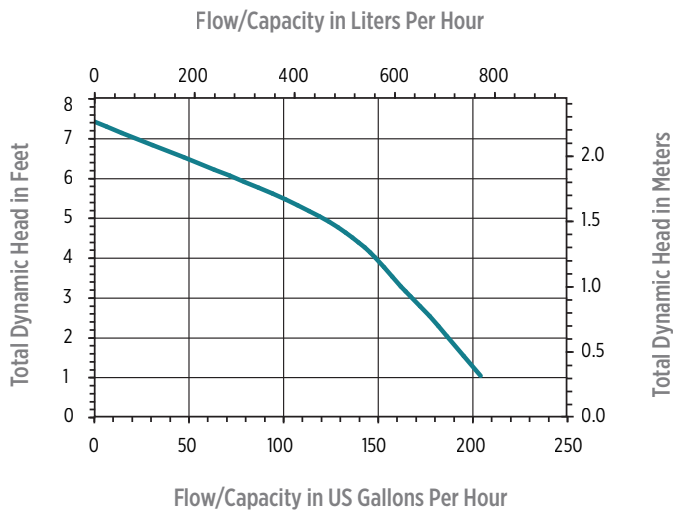
Model No.	Item No.	Discharge Size	Intake Size	Listing(s)	HP	Volts	Hertz	Amps	Watts	Performance (GPH@Head)			Shutoff		Cord Length (ft.)	Weight (lbs.)
										1'	3'	5'	Ft.	P.S.I.		
1-42	501203	1/4" MNPT	1/2" FNPT & 1/4" FNPT	UL	1/150	115	60	1.1	70	205	168	120	7.4	3.2	6	3.50

1-42 SERIES - 1/150 HP

ENGINEERING DATA



PERFORMANCE DATA



REPLACEMENT PARTS

Volute	101330
Impeller	101442
Screen	131009



1 SERIES - 1/150 HP

APPLICATIONS

Engineered for continuous duty use, the 1-Series is a high-quality submersible pump used in water transfer or recirculating applications. Made of epoxy coated die-cast aluminum housing and cover for durability, it includes an oil-filled direct-drive motor with thermal overload protection and polypropylene impeller and volute. With a 7.4 maximum lift and 205 gph at 1' head capability, the 1-Series is a solid performer.

FEATURES

- Epoxy coated die-cast aluminum housing
- Oil-filled motor
- 7.4' maximum lift
- 70 watts
- 1/4" MNPT discharge
- Thermal overload protection (except 501003)
- For submersible use only



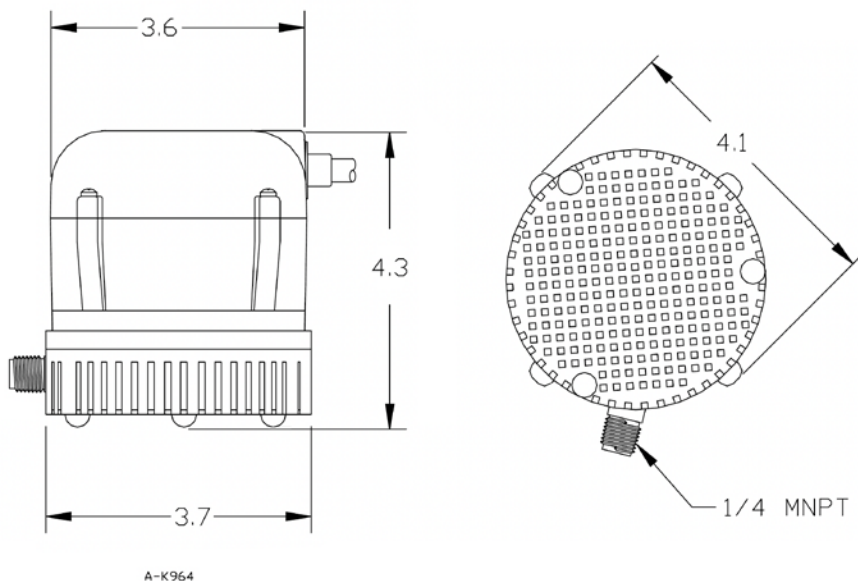
SERIES SPECIFICATIONS

Model No.	Item No.	Discharge Size	Listing	HP	Volts	Hertz	Amps	Watts	Performance (GPM@Head)			Shutoff		Cord Length (ft.)	Weight (lbs.)
									1'	3'	5'	Ft.	P.S.I.		
1	501003	1/4" MNPT	UL	1/150	115	60	1.1	70	205	168	120	7.4	3.2	6	3.5
1-Y	501016	1/4" MNPT	UR	1/150	230	50/60	.6/.4	70	205	168	120	7.4	3.2	12*	3.8

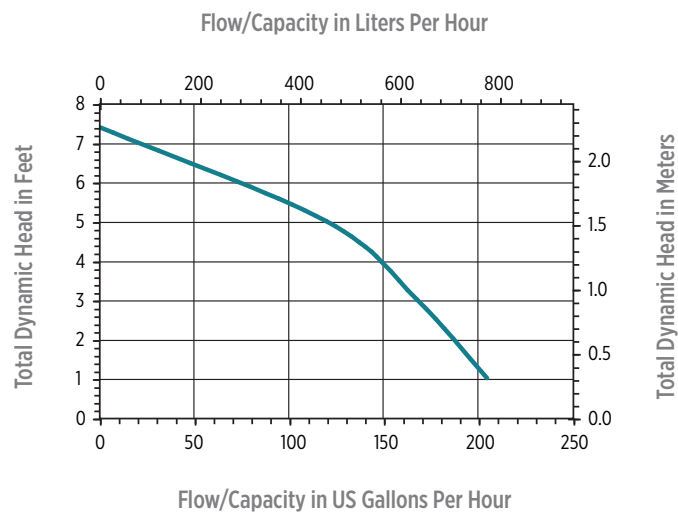
SMALL SUBMERSIBLE PUMPS

1 SERIES - 1/150 HP

ENGINEERING DATA



PERFORMANCE DATA



REPLACEMENT PARTS

Volute	101375
Impeller	101441
Screen	101376
Elbow	943470

2E-N SERIES - 1/40 HP

APPLICATIONS

Small submersible oil-filled pump with epoxy coated cast aluminum housing. For commercial, industrial and home applications including statuary fountains, water displays, air conditioners, machine tool coolants, and many other applications where liquid must be transferred or recirculated. This compact 300 GPH pump features a 1/4" MNPT discharge, 11.8' shut-off head capability, and screened inlet.

FEATURES

- Epoxy coated die-cast aluminum housing
- Oil-filled motor
- 11.8' maximum lift
- 100 watts
- 1/4" MNPT discharge
- Thermal overload protection
- For submersible use only



2E-N



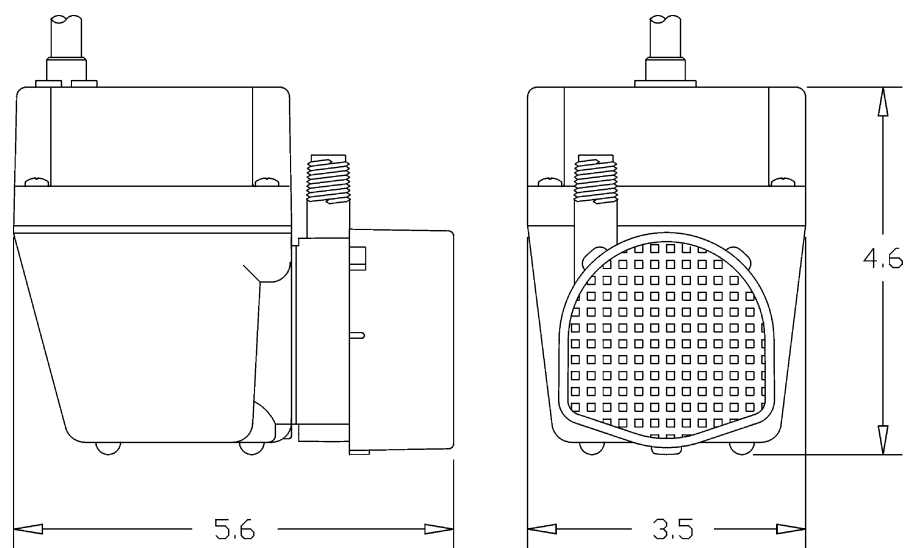
SERIES SPECIFICATIONS

Model No.	Item No.	Discharge Size	Listing	HP	Volts	Hertz	Amps	Watts	Performance (GPM@Head)				Shutoff		Cord Length (ft.)	Weight (lbs.)
									1'	3'	5'	10'	Ft.	P.S.I.		
2E-N	502103	1/4" MNPT	UL	1/40	115	60	1.7	100	300	255	205	70	11.8	5.1	6	4.67

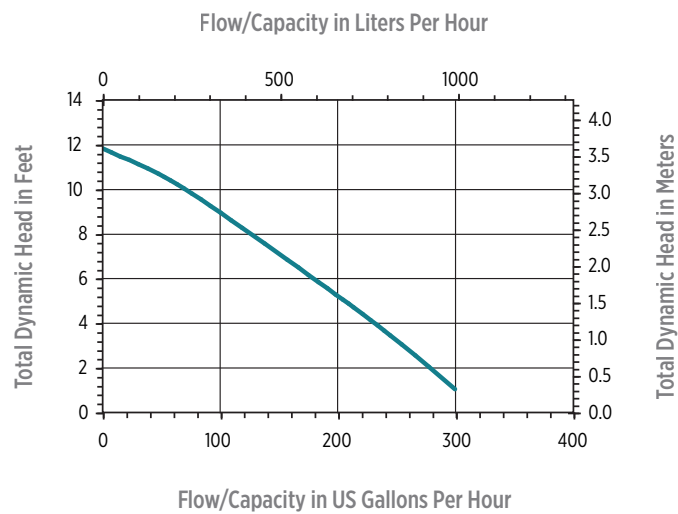
SMALL SUBMERSIBLE PUMPS

2E-N SERIES - 1/40 HP

ENGINEERING DATA



PERFORMANCE DATA



REPLACEMENT PARTS

Volute	102333
Impeller	102470
Screen	102909
Gasket	102601

2E-38N SERIES - 1/40 HP

APPLICATIONS

Dual purpose oil-filled pump that may be used totally submersed or in-line (fed with pipe or hose). For commercial, industrial and home applications including statuary fountains, water displays, air conditioners, machine tool coolants, and many other applications where liquid must be transferred or recirculated. This compact 300 GPH pump features a 1/4" MNPT discharge and 11.8' shut-off head capability.

FEATURES

- For submersed or in-line use
- Epoxy coated die-cast aluminum housing
- Oil-filled motor
- 11.8' maximum lift
- 100 watts
- 1/4" MNPT discharge (accepts 1/2" I.D. tubing)
- Thermal overload protection



2E-38N



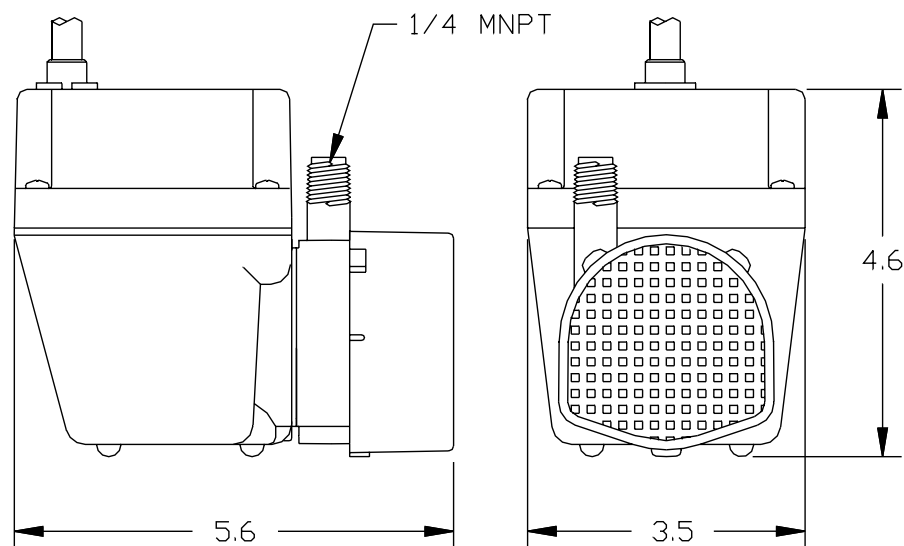
SERIES SPECIFICATIONS

Model No.	Item No.	Discharge Size	Listing	HP	Volts	Hertz	Amps	Watts	Performance (GPM@Head)				Shutoff		Cord Length (ft.)	Weight (lbs.)
									1'	3'	5'	10'	Ft.	P.S.I.		
2E-38N	502203	1/4" MNPT	UL	1/40	115	60	1.7	100	300	255	205	70	11.8	5.1	6	4.67

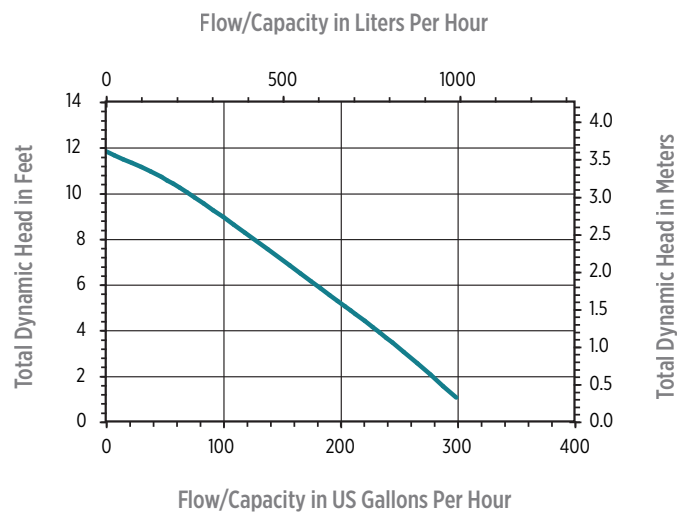
SMALL SUBMERSIBLE PUMPS

2E-38N SERIES - 1/40 HP

ENGINEERING DATA



PERFORMANCE DATA



REPLACEMENT PARTS

Volute	102334 (102375, black)
Impeller	102470
Screen	102909 (102376, black)
Gasket	102601

3E-34N SERIES - 1/15 HP

APPLICATIONS

Dual purpose oil-filled pump that may be used totally submersed or in-line (fed with pipe or hose). For commercial, industrial and home applications including statuary fountains, water displays, air conditioners, machine tool coolants, and many other applications where liquid must be transferred or recirculated. This compact 300 GPH pump features a 1/4" MNPT discharge and 11.8' shut-off head capability.

FEATURES

- For submersed or in-line use
- Epoxy-coated die-cast aluminum housing
- Oil-filled motor
- 20.3' maximum lift
- 208 watts
- 1/2" MNPT discharge
- Thermal overload protection



3E-34N



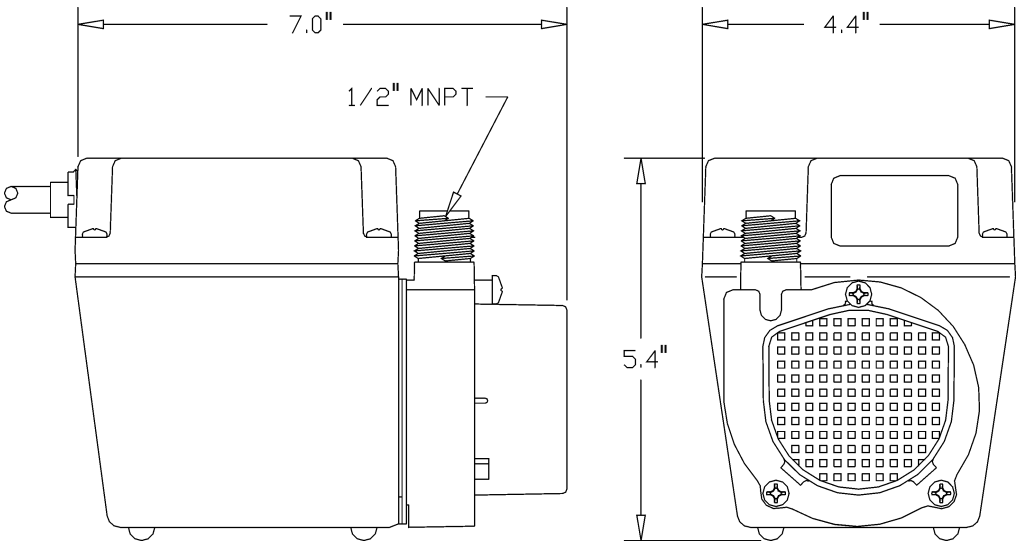
SERIES SPECIFICATIONS

Model No.	Item No.	Discharge	Intake	HP	Volts	Hz	Amps	Watts	Performance (GPH@Head)				Shutoff		Cord Length (ft)	Weight (lbs.)
									1'	3'	5'	10'	Ft	PSI		
3E-34N	503603	1/2" MNPT	3/4" MNPT	1/15	115	60	3.2	200	670	650	575	460	20.3	8.8	10	4.83

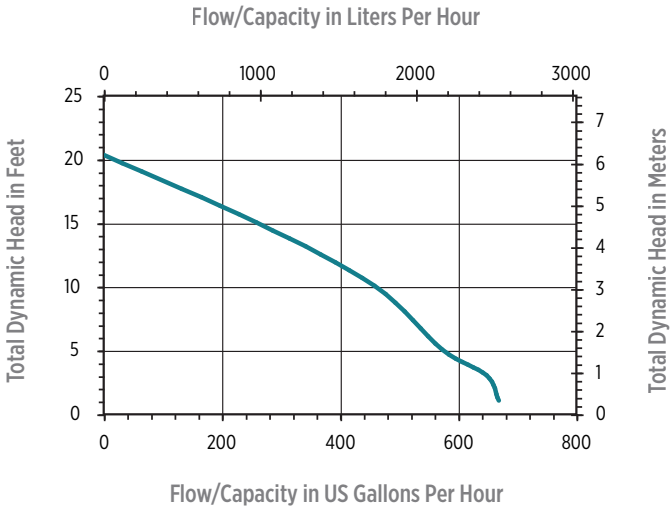
SMALL SUBMERSIBLE PUMPS

3E-34N SERIES - 1/15 HP

ENGINEERING DATA



PERFORMANCE DATA



REPLACEMENT PARTS

Volute	103337
Impeller	103437
Screen	102376
Gasket	103601



3E-12N SERIES - 1/15 HP

APPLICATIONS

Dual purpose oil-filled pump that may be used totally submersed or in-line (fed with pipe or hose). For commercial, industrial and home applications including statuary fountains, water displays, air conditioners, machine tool coolants, and many other applications where liquid must be transferred or recirculated. This compact 500 GPH pump features a 1/2" MNPT discharge and 17.3' shut-off head capability.

FEATURES

- For submersed or in-line use
- Epoxy coated die-cast aluminum housing
- Oil-filled motor
- 17.3' maximum lift
- 200 watts
- 1/2" MNPT discharge (accepts 3/4" I.D. tubing)
- Thermal overload protection



3E-12N



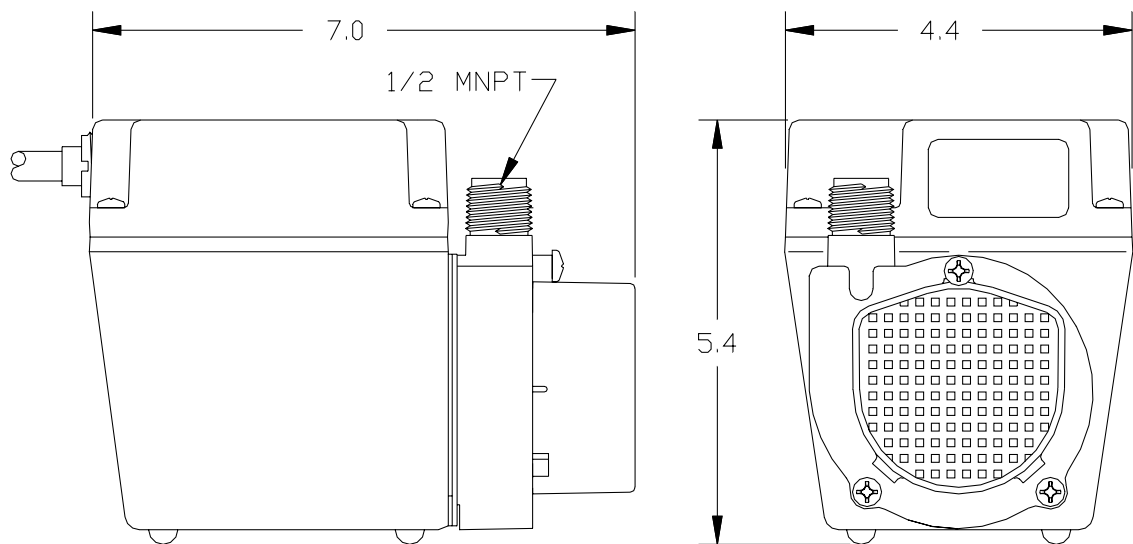
SERIES SPECIFICATIONS

Model No.	Item No.	Discharge Size	Intake Size	Listing(s)	HP	Volts	Hertz	Amps	Watts	Performance (GPH@Head)				Shutoff		Cord Length (ft.)	Weight (lbs.)
										1'	3'	5'	10'	Ft.	P.S.I.		
3E-12N	503103	1/2" MNPT	1/2" FNPT	UL	1/15	115	60	3.2	200	500	435	337	210	17.3	7.5	6	8.00
3E-12NT	503186	1/2" MNPT	1/2" FNPT	UL/CSA	1/15	115	60	3.2	200	500	435	337	210	17.3	7.5	10	8.25

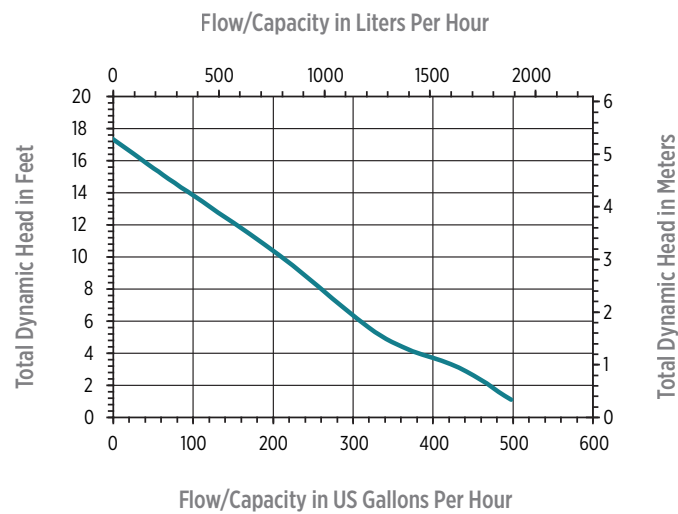
SMALL SUBMERSIBLE PUMPS

3E-12N SERIES - 1/15 HP

ENGINEERING DATA



PERFORMANCE DATA



REPLACEMENT PARTS

Volute	103330 (103375, black)
Impeller	103437
Screen	102909 (102376, black)
Gasket	103601



3E-12NR SERIES - 1/15 HP

APPLICATIONS

Dual purpose oil-filled pump that may be used totally submersed or in-line (fed with pipe or hose). For commercial, industrial and home applications including statuary fountains, water displays, air conditioners, machine tool coolants, and many other applications where liquid must be transferred or recirculated. This compact 670 GPH pump features a 1/2" MNPT discharge and 22.6' shut-off head capability.

FEATURES

- For submersed or in-line use
- Epoxy coated die-cast aluminum housing
- Oil-filled motor
- 22.6' maximum lift
- 200 watts
- 1/2" MNPT discharge
- Thermal overload protection



3E-12NR



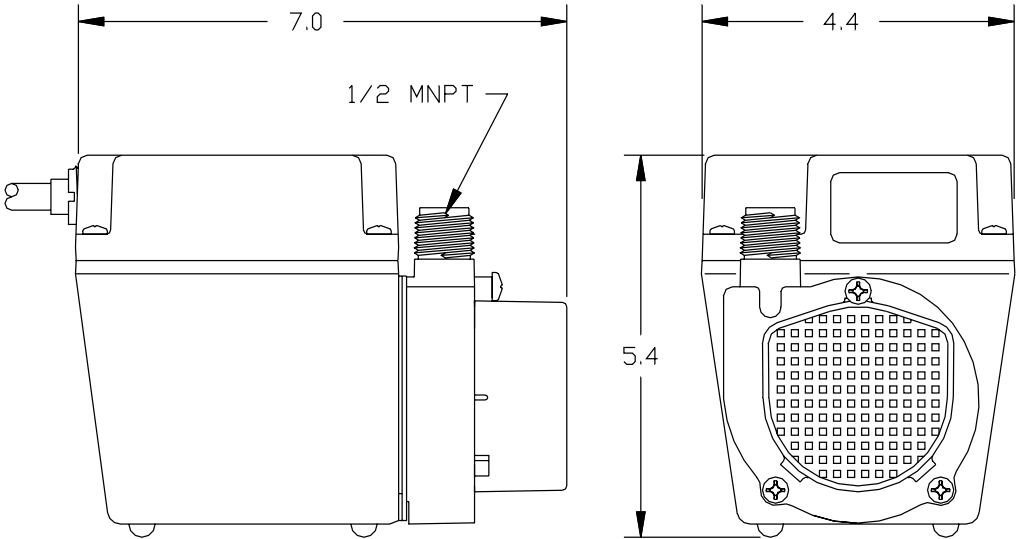
SERIES SPECIFICATIONS

Model No.	Item No.	Discharge Size	Intake Size	Listing(s)	HP	Volts	Hertz	Amps	Watts	Performance (GPH@Head)					Shutoff		Cord Length (ft.)	Weight (lbs.)
										1'	3'	5'	10'	20'	Ft.	P.S.I.		
3E-12NR	503203	1/2" MNPT	1/2" FNPT	UL	1/15	115	60	3.2	200	670	650	575	460	100	22.6	9.8	6	8.00

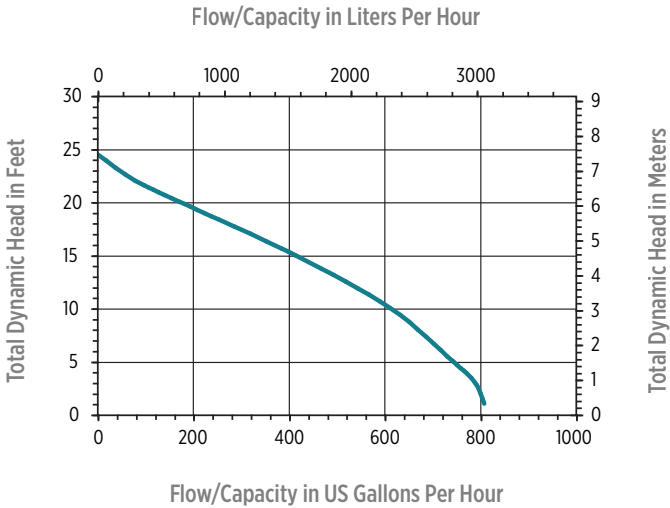
SMALL SUBMERSIBLE PUMPS

3E-12NR SERIES - 1/15 HP

ENGINEERING DATA



PERFORMANCE DATA



REPLACEMENT PARTS

Volute	103330
Impeller	103437
Screen	102909
Gasket	103601



3E-12NRY SERIES - 1/15 HP

APPLICATIONS

Dual purpose oil-filled pump that may be used totally submersed or in-line (fed with pipe or hose). For commercial, industrial and home applications including statuary fountains, water displays, air conditioners, machine tool coolants, and many other applications where liquid must be transferred or recirculated. This compact 600 GPH pump features a 1/2" MNPT discharge and 21' shut-off head capability.

FEATURES

- For submersed or in-line use
- Epoxy coated die-cast aluminum housing
- Oil-filled motor
- 21' maximum lift
- 200 watts
- 1/2" MNPT discharge
- Thermal overload protection



3E-12NRY



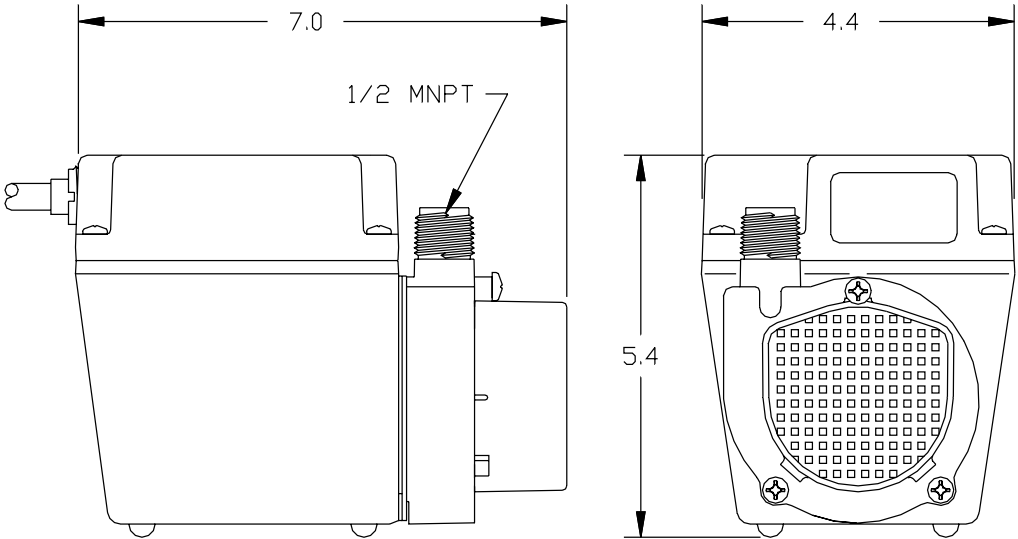
SERIES SPECIFICATIONS

Model No.	Item No.	Discharge Size	Intake Size	Listing(s)	HP	Volts	Hertz	Amps	Watts	Performance (GPH@Head)					Shutoff		Cord Length (ft.)	Weight (lbs.)
										1'	3'	5'	10'	20'	Ft.	P.S.I.		
3E-12NRY	503216	1/2" MNPT	1/2" FNPT	UR/C-CSA	1/15	230	50/60	1.7/1.4	200	600	580	517	414	90	21	9.1	12	8.75

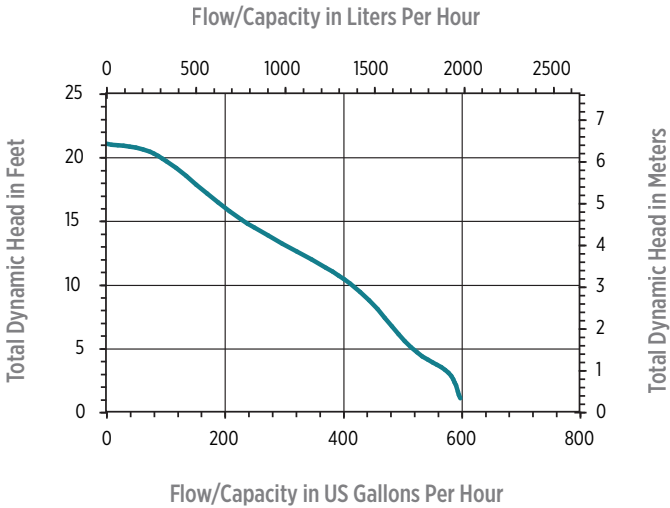
SMALL SUBMERSIBLE PUMPS

3E-12NR SERIES - 1/15 HP

ENGINEERING DATA



PERFORMANCE DATA



REPLACEMENT PARTS

Volute	103330
Impeller	103437
Screen	102909
Gasket	103601



4E-34N SERIES - 1/12 HP

APPLICATIONS

Small submersible oil-filled pump with epoxy coated cast aluminum housing. For commercial, industrial and home applications including statuary fountains, water displays, air conditioners, machine tool coolants, and many other applications where liquid must be transferred or recirculated. This compact 710 GPH pump features a 1/2" MNPT discharge, 23.1' shut-off head capability, and screened inlet.

FEATURES

- Epoxy coated die-cast aluminum housing
- Oil-filled motor
- 23.1' maximum lift
- 210 watts
- 1/2" MNPT discharge
- Thermal overload protection
- For submersible use only



4E-34N



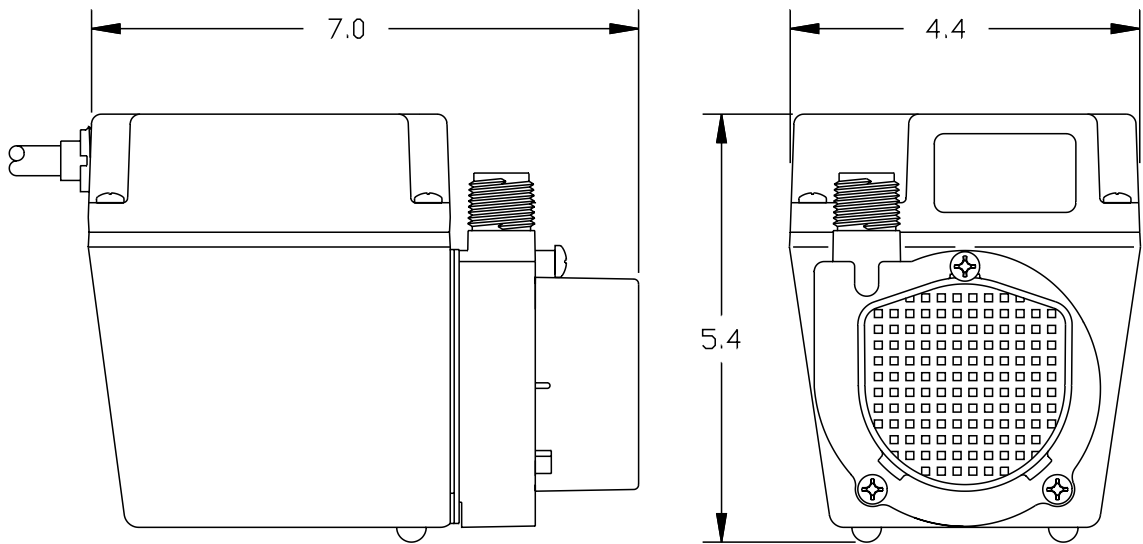
SERIES SPECIFICATIONS

Model No.	Item No.	Discharge Size	Listing(s)	HP	Volts	Hertz	Amps	Watts	Performance (GPH@Head)					Shutoff		Cord Length (ft.)	Weight (lbs.)
									1'	3'	5'	10'	20'	Ft.	P.S.I.		
4E-34N	504103	1/2" MNPT	UL	1/12	115	60	3.5	210	710	690	670	580	150	23.1	10.0	6	8.50
4E-34NT	504186	1/2" MNPT	UL/CSA	1/12	115	60	3.5	210	710	690	670	580	150	23.1	10.0	10	8.50

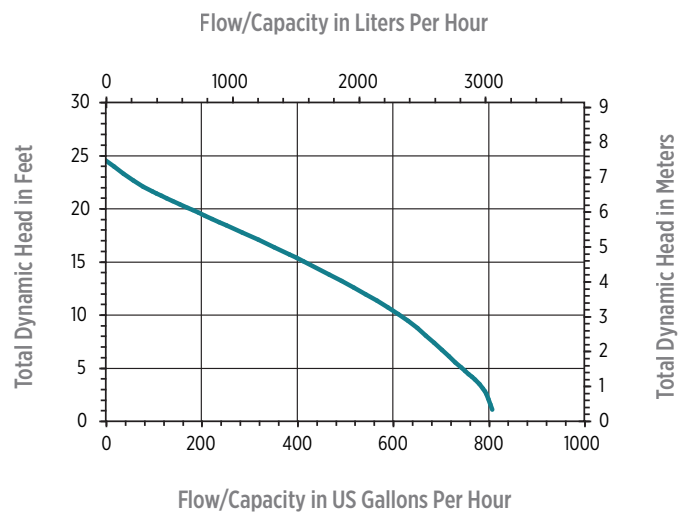
SMALL SUBMERSIBLE PUMPS

4E-34N SERIES - 1/12 HP

ENGINEERING DATA



PERFORMANCE DATA



REPLACEMENT PARTS

Volute	103334
Screen	102909
Impeller	104435
Gasket	103601

4E-34NR SERIES - 1/12 HP

APPLICATIONS

Small submersible oil-filled pump with epoxy coated cast aluminum housing. For commercial, industrial and home applications including statuary fountains, water displays, air conditioners, machine tool coolants, and many other applications where liquid must be transferred or recirculated. This compact 810 GPH pump features a 1/2" MNPT discharge, 24.5' shut-off head capability, and screened inlet.

FEATURES

- Epoxy coated die-cast aluminum housing
- Oil-filled motor
- 24.5' maximum lift
- 210 watts
- 1/2" MNPT discharge
- Thermal overload protection
- For submersible use only



4E-34NR



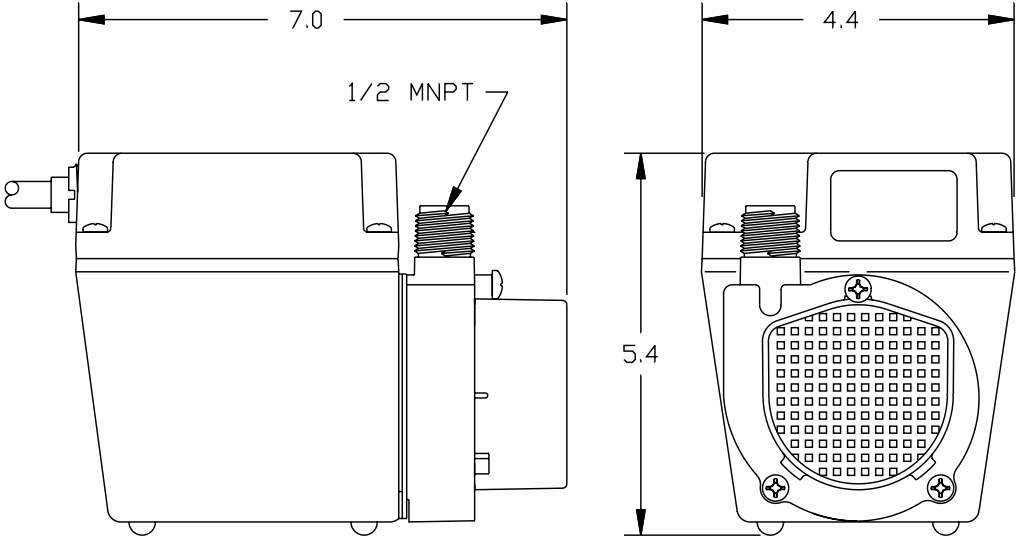
SERIES SPECIFICATIONS

Model No.	Item No.	Discharge Size	Intake Size	Listing(s)	HP	Volts	Hertz	Amps	Watts	Performance (GPH@Head)					Shutoff		Cord Length (ft.)	Weight (lbs.)
										1'	3'	5'	10'	20'	Ft.	P.S.I.		
4E-34NR	504203	1/2" MNPT	3/4" FNPT	UL	1/12	115	60	3.5	210	810	790	745	613	173	24.5	10.6	6	8.50
4E-34NRY	504216	1/2" MNPT	3/4" FNPT	UR	1/12	230	50/60	1.7	210	810	790	745	613	173	24.5	10.6	12	8.50

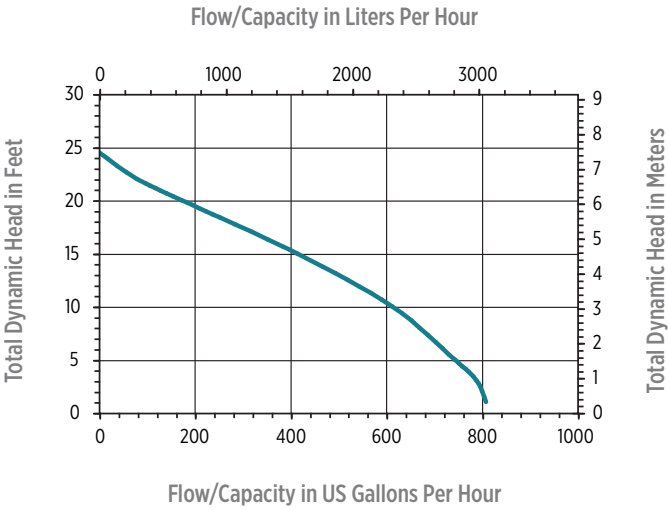
SMALL SUBMERSIBLE PUMPS

4E-34NR SERIES - 1/12 HP

ENGINEERING DATA



PERFORMANCE DATA



REPLACEMENT PARTS

Volute	103334
Impeller	104435
Screen	102909
Gasket	103601



NK-1 SERIES - 1/150 HP

APPLICATIONS

For commercial, industrial, and home use worldwide, where liquid must be transferred or recirculated, Little Giant's NK-1 Series is the solution. Applications include aquariums, swimming pools, water displays, ice makers, air conditioners, boat bailing, fuel oil transfer, circulating water for welding and pipe threading machines, pumping mild chemicals such as soap solutions, acids, plating solutions, and fertilizers.

FEATURES

- Corrosion resistant nylon body
- Oil-filled motor
- 10.2' maximum lift
- 70 watts
- 1/4" MNPT discharge
- Thermal overload protection
- For submersible use only



NK-1



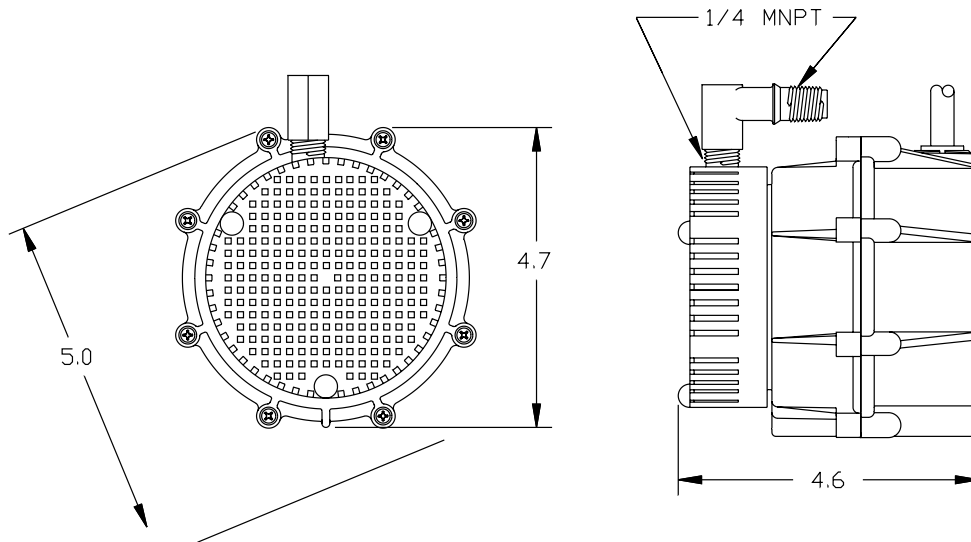
SERIES SPECIFICATIONS

Model No.	Item No.	Discharge Size	HP	Volts	Hertz	Amps	Watts	Performance (GPH@Head)			Shutoff		Cord Length (ft.)	Weight (lbs.)
								1'	3'	5'	Ft.	P.S.I.		
NK-1	526003	1/4" MNPT	1/150	115	60	1.1	70	210	180	150	10.2	4.4	6	3.67

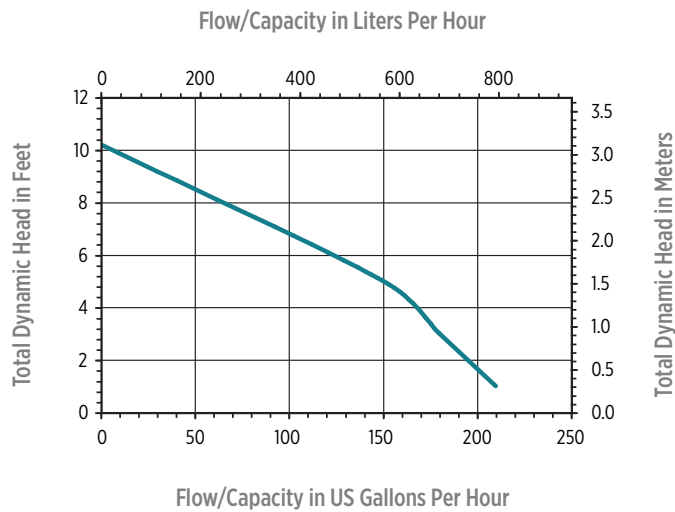
SMALL SUBMERSIBLE PUMPS

NK-1 SERIES - 1/150 HP

ENGINEERING DATA



PERFORMANCE DATA



REPLACEMENT PARTS

Volute	116375
Impeller	116437
Screen	101376
Seal Ring	928007
Backplate	126377
Elbow	943076



NK-2 SERIES - 1/150 HP

APPLICATIONS

The NK-2 Series is a multi-purpose pump that is permanently lubricated for reliability and low maintenance. This pump works relentlessly, making it the perfect solution for hydroponics, aquariums, swimming pools, water displays, ice makers, air conditioners, boat bailing, and fuel oil transfer applicaitons. It's also the perfect workhorse for recirculating water for welding and pipe threading machines or pumping mild chemicals such as soap solutions, acids, plating solutions, and fertilizers.

FEATURES

- Corrosion resistant nylon body
- Oil-filled motor
- 12.3' maximum lift
- 100 watts
- 1/4" MNPT discharge
- Thermal overload protection
- For submersible use only



NK-2

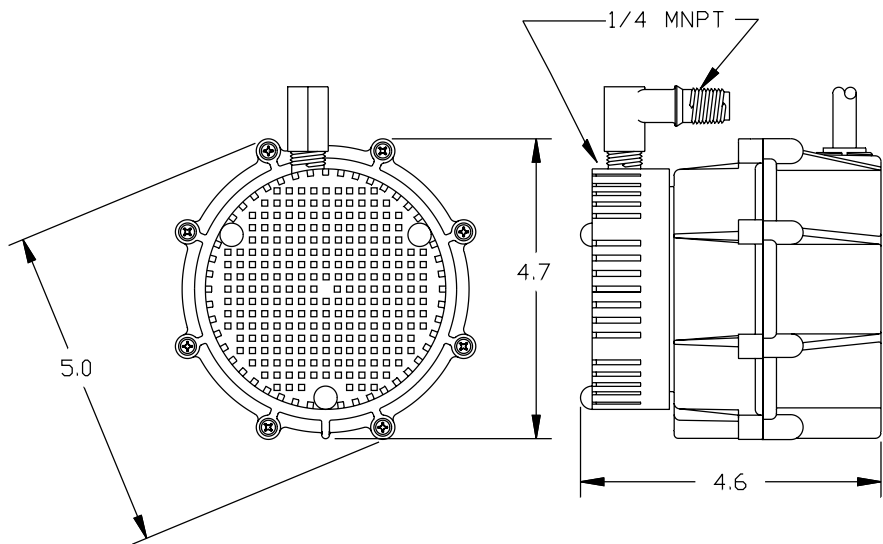
SERIES SPECIFICATIONS

Model No.	Item No.	Discharge Size	HP	Volts	Hertz	Amps	Watts	Performance (GPH@Head)				Shutoff		Cord Length (ft.)	Weight (lbs.)
								1'	3'	5'	10'	Ft.	P.S.I.		
NK	527003	1/4" MNPT	1/40	115	60	1.7	100	325	300	270	130	12.3	5.3	6	4.50
NK	527016	1/4" MNPT	1/40	230	50/60	.9/.7	100	325	300	270	130	12.3	5.3	12	4.83
NK-2	527176	1/4" MNPT	1/40	115	60	1.7	100	325	300	270	130	12.3	5.3	18	5.17

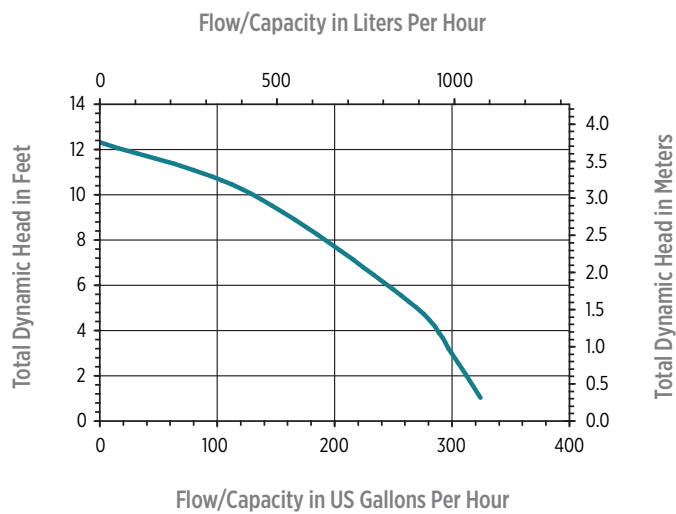
SMALL SUBMERSIBLE PUMPS

NK-2 SERIES - 1/150 HP

ENGINEERING DATA



PERFORMANCE DATA



REPLACEMENT PARTS

Volute	116375
Impeller	116437
Screen	101376
Seal Ring	928007
Backplate	126377
Elbow	943076

P-AAA SERIES - 1/160 HP

APPLICATIONS

Small submersible oil filled pump with corrosion resistant nylon housing. For commercial, industrial and home applications including statuary fountains, water displays, air conditioners, machine tool coolants, and many other applications where liquid must be transferred or recirculated. This compact 120 GPH pump features a 1/4" MNPT discharge, 4.6' shut-off head capability, and screened inlet.

FEATURES

- Corrosion resistant nylon body
- Oil-filled motor
- 4.6' maximum lift
- 30 watts
- 1/4" MNPT discharge
- Impedance protected
- For submersible use only



P-AAA



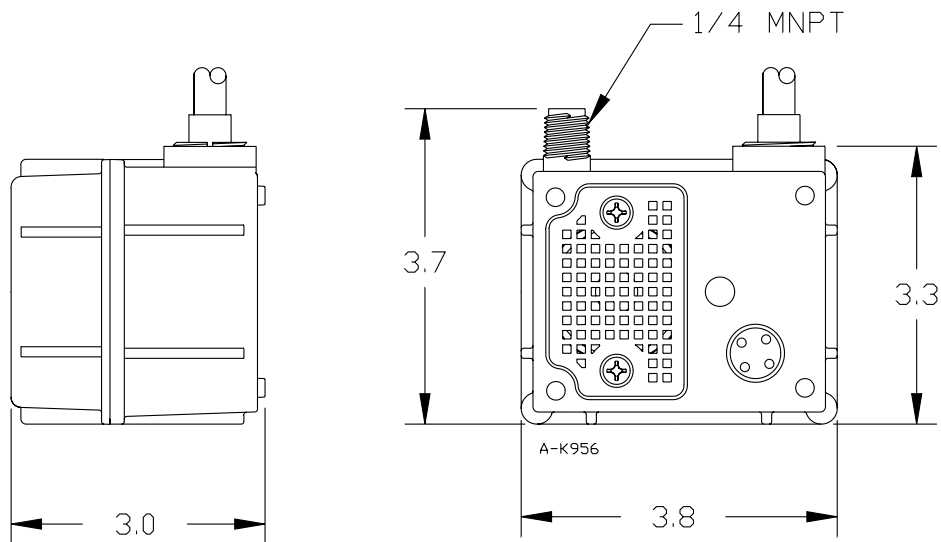
SERIES SPECIFICATIONS

Model No.	Item No.	Discharge Size	Listing(s)	HP	Volts	Hertz	Amps	Watts	Performance (GPH@Head)		Shutoff		Cord Length (ft.)	Weight (lbs.)
									1'	3'	Ft.	P.S.I.		
P-AAA	523003	1/4" MNPT	UL	1/160	115	60	0.5	30	120	70	4.6	2.0	6	3.00
P-AAA	523500	1/4" MNPT	UL/CSA	1/160	127	60	0.5	30	120	70	4.6	2.0	6	3.00
P-AAA-WG	523375	1/4" MNPT	UL/CSA	1/160	115	60	0.5	30	120	70	4.6	2.0	15	3.17
P-AAA	523112	1/4" MNPT	UL/CSA	1/160	230	50/60	.4/.3	30	120	70	4.6	2.0	12	3.17

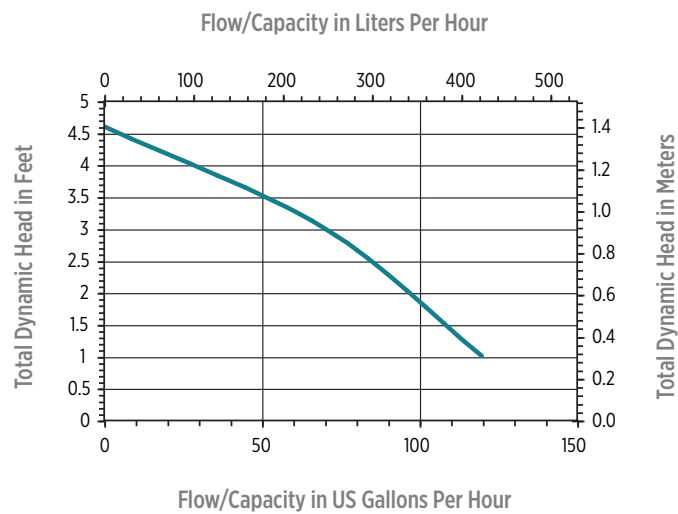
SMALL SUBMERSIBLE PUMPS

P-AAA SERIES - 1/160 HP

ENGINEERING DATA



PERFORMANCE DATA



REPLACEMENT PARTS

Screen	123145
Plate	123150
Impeller	123030
O-Ring	924020
Elbow	943076

S SERIES

APPLICATIONS

- Ideal for use in ponds, water gardens, fountains, water features and for aeration

FEATURES

- Designed to perform in fresh and salt water
- Optional mounting stand sold separately
- Designed for continuous duty
- Includes built-in flow control



Inlet filter included

SERIES SPECIFICATIONS

Item No.	Model No.	Amps	Watts	Gallons / Liters Per Hour @ Height				Discharge	Intake	Shut-Off (ft / m)	Cord (ft / m)
				1 ft / 0.3 m	5 ft / 1.5 m	10 ft / 3.0 m	15 ft / 4.6 m				
517100001	S320PT-20	0.50	60	335 / 1268	275 / 1040	185 / 700	-	1/4" MNPT	1/2" MNPT	14.8 / 4.51	20 / 6
517100002	S580PT-20	0.65	70	740 / 2800	590 / 2235	345 / 1305	-	1/2" MNPT	3/4" MNPT	13.2 / 4.00	20 / 6
517100003	S900PT-20	0.75	85	795 / 3010	675 / 2555	470 / 1780	115 / 435			15.6 / 4.75	20 / 6
517100004	S1200PT-20	1.00	105	920 / 3480	820 / 3105	645 / 2440	430 / 1628			20 / 6.10	20 / 6

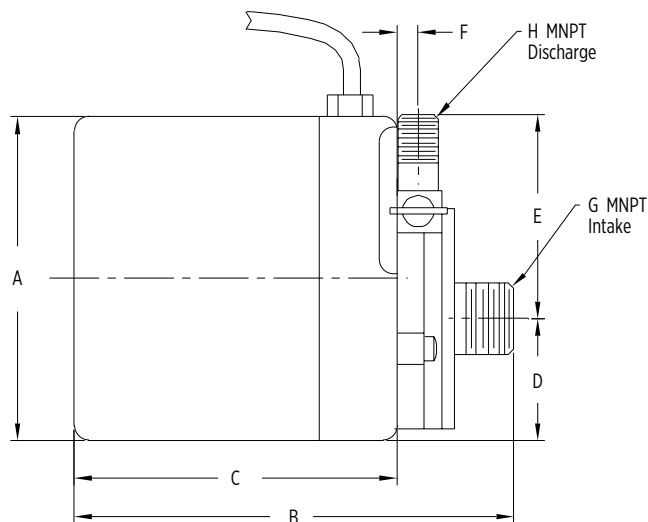
REPAIR KITS & ACCESSORIES

Item No.	Model	Description
305626001	SR-3P-T	Repair Kit S320PT (impeller, volute, O-ring, screws)
305626002	SR-5P-T	Repair Kit S580PT (impeller, volute, O-ring, screws)
305626003	SR-9P-T	Repair Kit S900PT (impeller, volute, O-ring, screws)
305626004	SR-12P-T	Repair Kit S1200PT (impeller, volute, O-ring, screws)
305626009	CFS-I-P	Intake Screen for S320PT
305626010	CFS100-P	Intake Filter Screen for S580PT, S900PT and S1200PT
305626011	MSUB-P	Mounting Plate for S320PT
305626012	MSUBM-P	Mounting Bracket for S580PT, S900PT and S1200PT

SMALL SUBMERSIBLE PUMPS

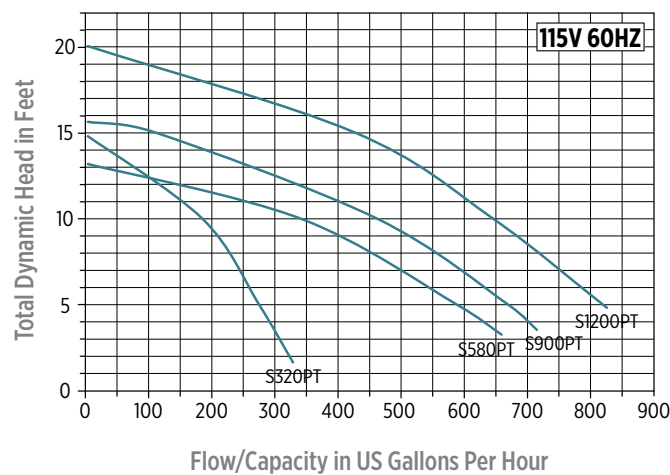
S SERIES

ENGINEERING DATA



Model No.	A	B	C	D	E	F	G MNPT	H MNPT
S320PT-20	3.85"	5.4"	3.85"	2.10"	2.22"	0.40"	1/2"	1/4"
S580PT-20	4.45"	6.5"	4.75"	2.37"	2.75"	0.45"	3/4"	1/2"
S900PT-20	4.45"	6.5"	4.75"	2.37"	2.75"	0.45"	3/4"	1/2"
S1200PT-20	4.45"	6.5"	4.75"	2.37"	2.75"	0.45"	3/4"	1/2"

PERFORMANCE DATA



CONSTRUCTION

Motor Housing	Stainless steel
Impeller Material	Nylon
Impeller Type	Semi-open
Volute	Nylon
Motor Shaft	Stainless steel
Shaft Seal	Fluoroelastomer (FKM)
Fasteners	Stainless steel
Bearings	Stainless steel ball bearings
Power Cord	SJTOW

2E-NDVR SERIES - 1/40 HP

APPLICATIONS

Double-Seal Acidic Pump is designed for in-line pumping of weak acids and chemicals, fruit juices, cleaning solvents, anti-freeze, and fluids with a pH factor of 6 or 7. This acidic pump can also be used submerged when pumping water or machine oils. For commercial, industrial or residential use.

FEATURES

- Two seal design
- Thermally protected motor
- 1/4" MNPT threaded discharge
- 3/8" FNPT threaded intake with an adapter to fit 1/2" I.D. tubing
- Handles intermittent liquid temperatures up to 120 °F (49 °C)
- Epoxy-coated aluminum housing and cover



2E-NDVR



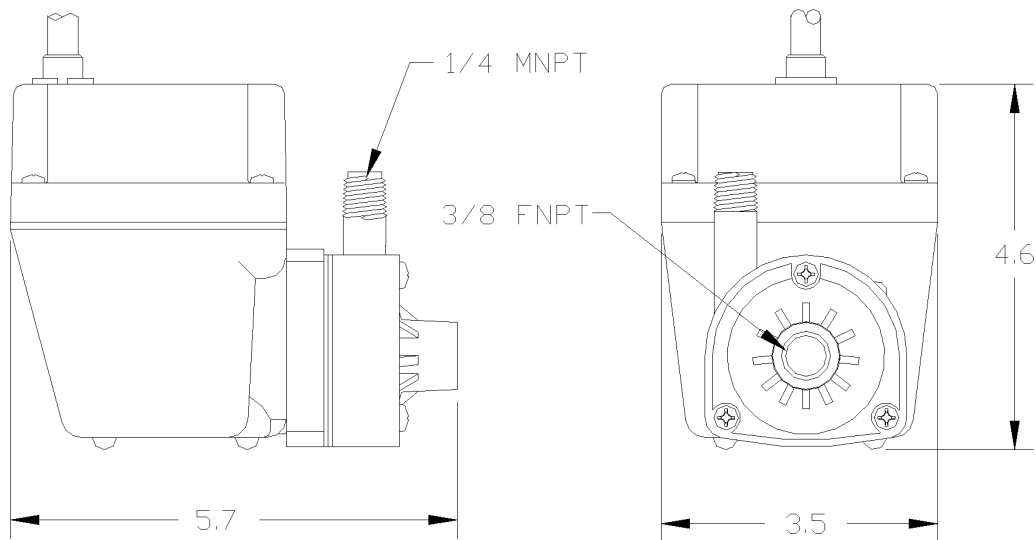
SERIES SPECIFICATIONS

Model No.	Item No.	Discharge Size	Listing	HP	Volts	Hertz	Amps	Watts	Performance (GPH @ Head)			Shut Off		Pwr. Cord (ft.)	Weight (lbs.)
									1'	3'	5'	Feet	PSI		
2E-NDVR	502303	1/4" MNPT	—	1/40	115	60	1.7	100	300	255	205	11.8	5.1	6	5.00

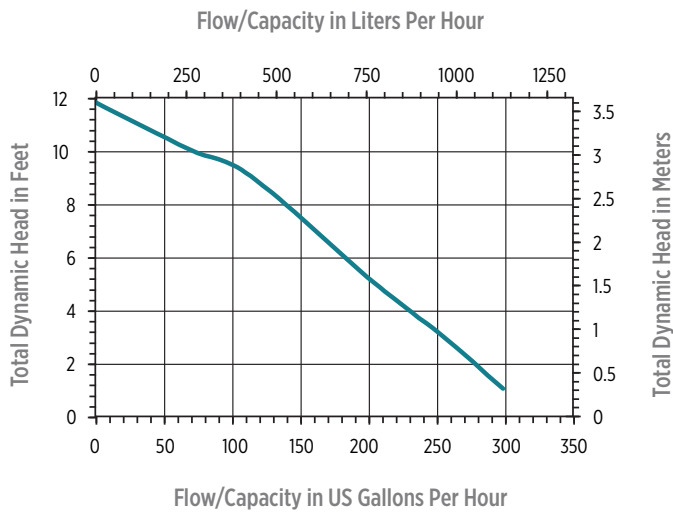
SPECIALTY PUMPS

2E-NDVR SERIES - 1/40 HP

ENGINEERING DATA



PERFORMANCE DATA



REPLACEMENT PARTS

Volute	102334
Impeller	102437
O-Ring	924005
Gasket	102601



VMC SERIES PUMP - 1/150 HP

APPLICATIONS

For use on small drill presses, tool grinders, tapping machines, and small lathes, the VMC Series is a 1-gallon coolant unit with a pump included. The flow of coolant liquids can be regulated to any desired amount or completely shut off without harmful effects to the motor.

FEATURES

- 1-gallon oil-resistant polyethylene tank
- Volute cover
- Unit takes 1/2" ID tubing to 1/4" MNPT
- Includes spray nozzle and 20 ft tubing
- Screen chip collector



VMC-1

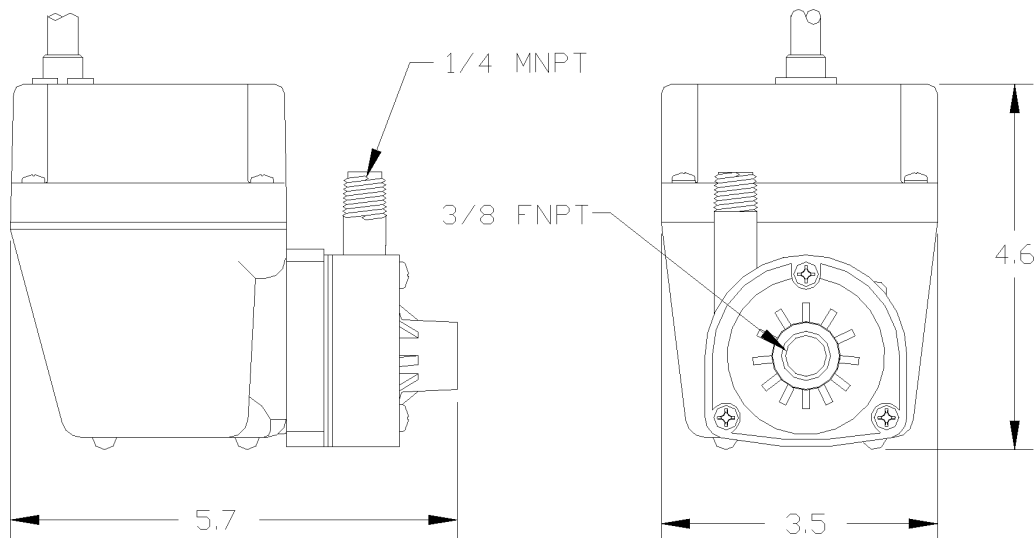
SERIES SPECIFICATIONS

Model No.	Item No.	Volts	Performance (GPH @ Head) Water Soluble Oil				Shutoff Feet	Power Cord (ft.)	Weight (lb.)	Dimensions (H x L x W in.)
			1'	3'	6'	9'				
VMC-1	560612	115	108	100	86	60	11.5	4	6.00	9.25 x 12.00 x 6

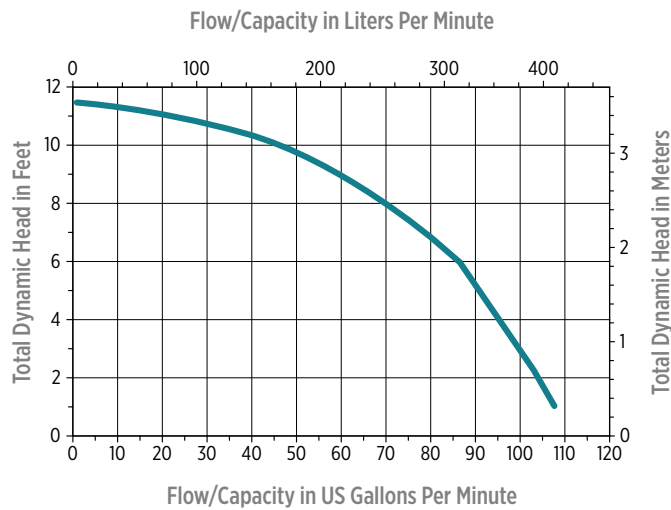
SPECIALTY PUMPS

VMC SERIES PUMP - 1/150 HP

ENGINEERING DATA



PERFORMANCE DATA



REPLACEMENT PARTS

Tank (1 gal)	Polypropylene
Tank Cover	Galvanized Steel
Chip Collector	Stainless Steel
Volute Stand	Nylon
Impeller	Nylon
Base Plate	Nylon
Elbow	Nylon
Motor Cover	Nylon
Tubing (6')	Vinyl
Hose Adapter	Nylon
Shaft	Stainless Steel



MCT-5 SERIES

APPLICATIONS

For use on single-drill presses, bench mills, tool grinders, single-spindle tapping machines, cut-off saws and small lathes using water soluble or light cutting oil. Includes 5-gallon polyethylene tank, metal chip collector basket, baffle, 6' plastic hose, metal flex nozzle and brass control valve. All adaptors and fittings included for use with recommended pumps (listed below). Use only pumps recommended for this unit. **This unit does not include a pump.** The pump must be purchased in addition to this tank kit. See chart for expected flow rates with the five recommended pumps and the MCT-5P machine coolant tank.

FEATURES

- Drill presses
- Tool grinders
- Tapping machines
- Cut-off saws
- Bench mills
- Lathes



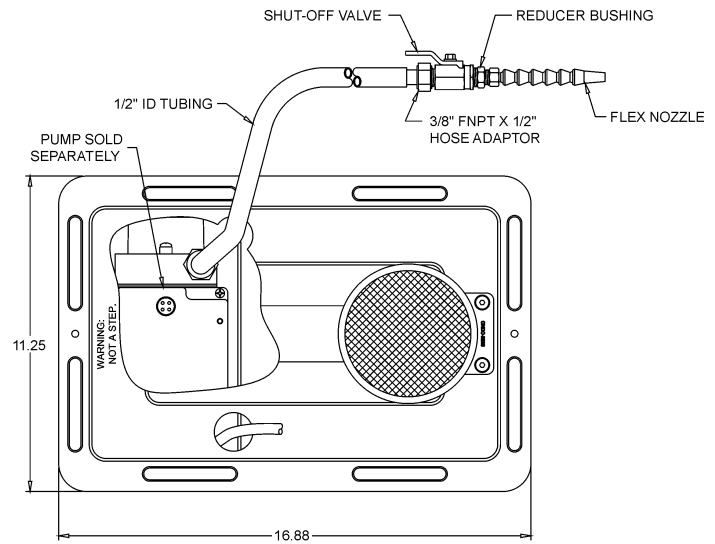
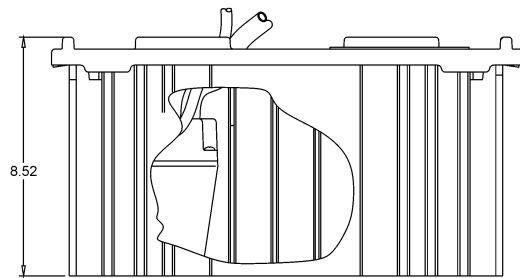
MCT-5P

SERIES SPECIFICATIONS

Model No.	Item No.	Weight (lb.)	Dimensions (H x L x W in.)
MCT-5P	560040	19.0	8.00 x 10.94 x 16.56

MCT-5 SERIES

ENGINEERING DATA



REPLACEMENT PARTS

Tank	Polyethylene
Cover	Acrylic
Chip Collector	Stainless Steel
Baffle	Polyethylene



MCT-10 SERIES

APPLICATIONS

For use on medium size lathes, grinders, cut off machines, milling and drilling machines using water soluble or light cutting oil. Includes 10 gallon painted metal tank with baffle that provides more settling capacity and coolant volume, 4' neoprene hose with brass nuts, metal flex nozzle and brass control valve. Removable chip collector tray and splash deflector. For use with cutting oils up to 300 SSU viscosity. This unit does not include a pump. The pump must be purchased in addition to this tank kit. Below is shown expected flow rates with the four recommended pumps.

FEATURES

- Drill presses
- Tool grinders
- Tapping machines
- Cut-off saws
- Bench mills
- Lathes

SERIES SPECIFICATIONS

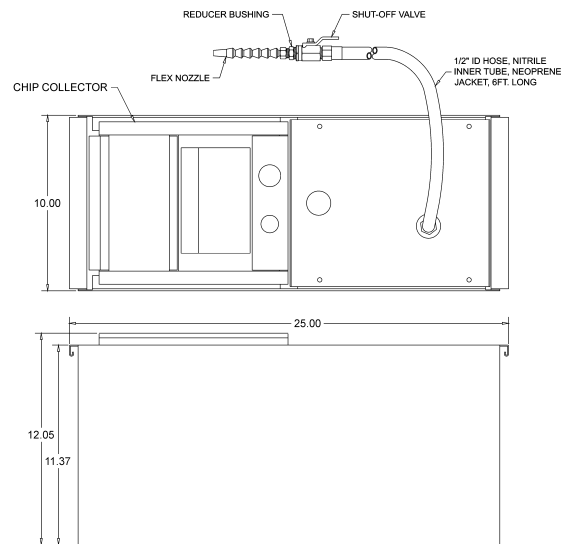
Model No.	Item No.	Weight (lb.)	Dimensions (H x L x W in.)
MCT-10	560300	18.9	8.00 x 10.94 x 16.56



MCT-10

MCT-10 SERIES

ENGINEERING DATA



35-OM SERIES - 1/11 HP

APPLICATIONS

Non-submersible, high pressure pump for carpet cleaners, dispenser-displays and pressure-washer applications. Nylon pump head, Ryton® impeller, 3/8" barbed O.D. intake and discharge connections. 1/4" barbed O.D. by-pass adapter included. Double-insulated motor (non-replaceable brushes last 500 to 1,000 hours) with 94-V-0 thermoplastic housing.

FEATURES

- High-pressure (35 PSIG)
- Nylon pump head
- Ryton® impeller
- Carbon/Ceramic shaft seal
- 3/8" barbed intake & discharge
- 1/4" barbed by-pass adapter
- Double-insulated motor



35-OM



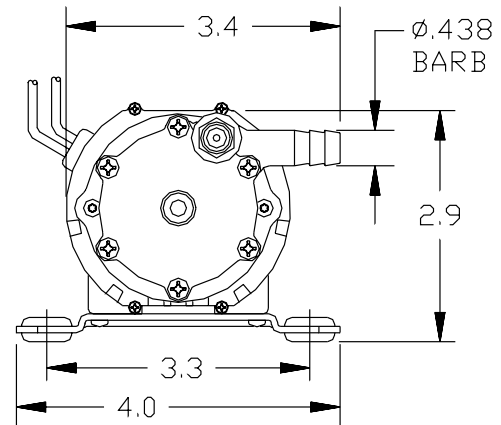
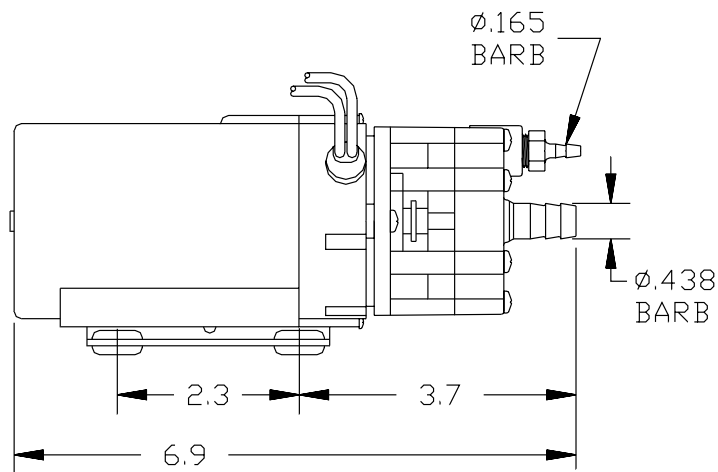
SERIES SPECIFICATIONS

Model No.	Item No.	Discharge Size	Intake Size	Listings	HP	Volts	Hertz	Amps	Watts	Performance (GPH@Head)			Shutoff		Cord Length (ft.)	Weight (lbs.)
										10'	30'	50'	Ft.	P.S.I.		
35-OM	532002	3/8" barbed	3/8" barbed	UR	1/11	115	60	1.25	132	170	140	110	81	35.1	2	2.70
35-OM	532012	3/8" barbed	3/8" barbed		1/11	230	50/60	0.6	132	170	140	110	81	35.1	2	2.70

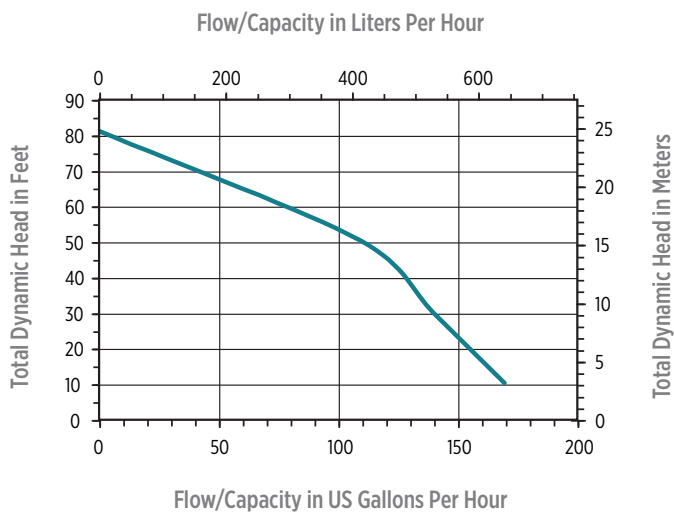
SPECIALTY PUMPS

35-OM SERIES - 1/11 HP

ENGINEERING DATA



PERFORMANCE DATA



REPLACEMENT PARTS

Volute	132101
Impeller	599106
Washer	921066
Hose Adaptor	941034
Bypass Cap	132410
Motor Base	132005
Grommet	925008



1-EAYS SERIES - 1/125 HP

APPLICATIONS

Epoxy encapsulated, centrifugal pump is designed to be used in submerged parts washer applications only. Nylon volute, epoxy filled polyester and aluminum motor housing. 6' power cord with 3/8" MNPT conduit connector at pump housing. 1/4" MNPT discharge. This parts washer pump is intended to pump unheated metal parts cleaning solvents, classified as PJQU in the "Gas and Oil Equipment Directory". These refined petroleum distillates are free from tendency to heat spontaneously; they have a closed cup flash point no lower than 100°F.

FEATURES

- Epoxy encapsulated motor
- Nylon volute, impeller & screen
- Conduit fitting for mounting
- Submerged use only in parts washers
- Fluoroelastomer (FKM) shaft seal
- UR & C-CSA for PJQU solvents
- 170 GPH @ 1
- 6' cord, no plug



1-EAYS

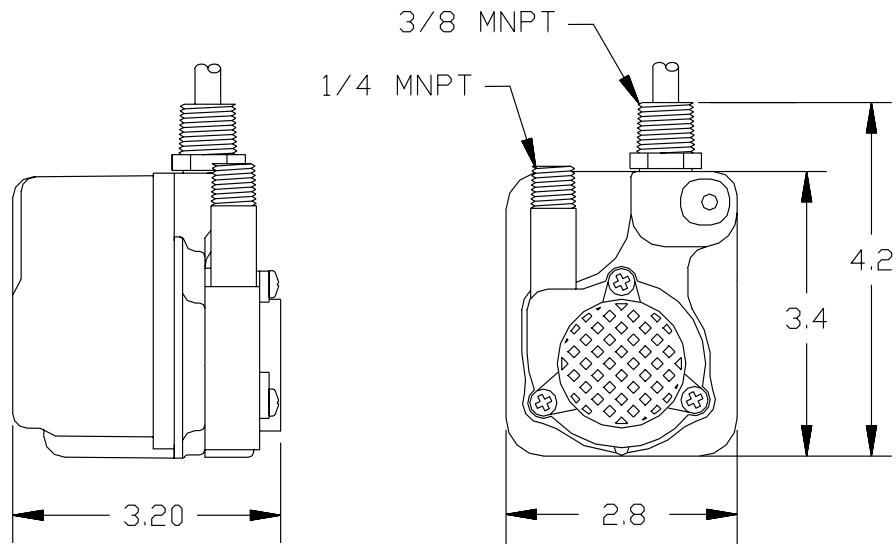


SERIES SPECIFICATIONS

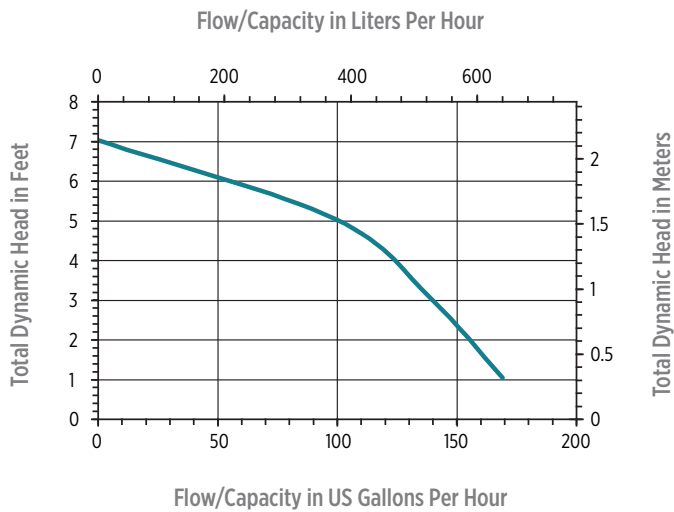
Model No.	Item No.	Discharge Size	Listings	HP	Volts	Hertz	Amps	Watts	Performance (GPH@Head)			Shutoff		Cord Length (ft.)	Weight (lbs.)
									1'	3'	5'	Ft.	P.S.I.		
1-EAYS	518020	1/4" MNPT	UR/C-CSA	1/125	115	60	0.6	100	170	140	100	7	3.0	6	2.80

1-EAYS SERIES - 1/125 HP

ENGINEERING DATA



PERFORMANCE DATA



REPLACEMENT PARTS

Volute	101351
Impeller	118442
Screen	118903



1-YS SERIES - 1/150 HP

APPLICATIONS

This parts washer pump is for use with Stoddard solvent and deodorized kerosene submerged parts washer applications only. These refined petroleum distillates from the parts washer pump are free from the tendency to heat spontaneously and have a closed cup flash point no lower than 100 °F (37.8 °C).

FEATURES

- Oil-filled aluminum housing
- Nylon volute & impeller
- Conduit fitting for mounting
- Submerged use only in parts washers
- Fluoroelastomer (FKM) shaft seal
- For use with UL (PIQU) solvents
- 205 GPH @ 1'
- 6' cord, no plug
- Thermally protected



1-YS



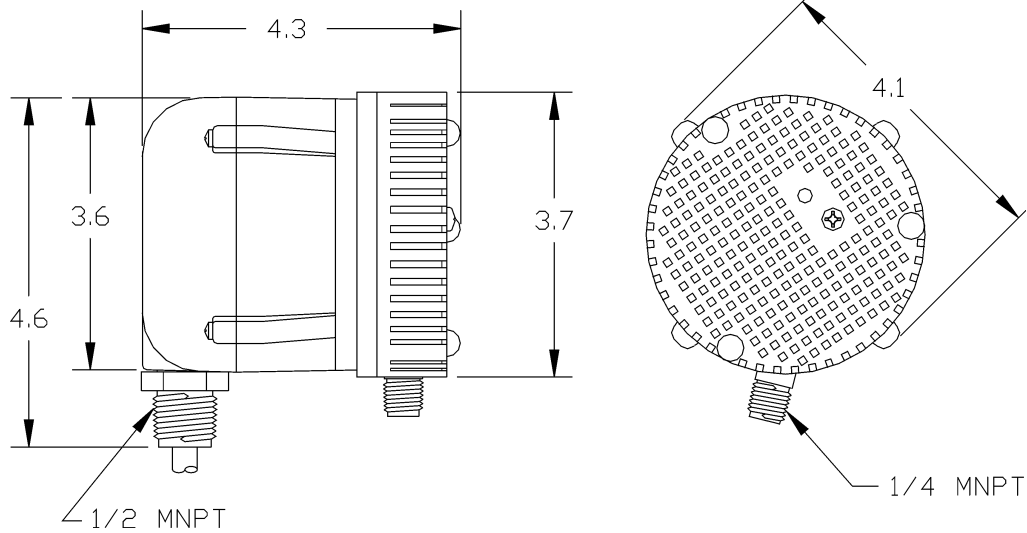
SERIES SPECIFICATIONS

Model No.	Item No.	Discharge Size	Listing	HP	Volts	Hertz	Amps	Watts	Performance (GPM@Head)			Shutoff		Cord Length (ft.)	Weight (lbs.)
									1'	3'	5'	Ft.	P.S.I.		
1	501020	1/4" MNPT	UR/C-CSA	1/150	115	60	1.1	70	205	168	120	7.4	3.2	6	3.5
1-YS	501036	1/4" MNPT		1/150	230	50/60	0.6	70	205	168	120	7.4	3.2	6	3.5

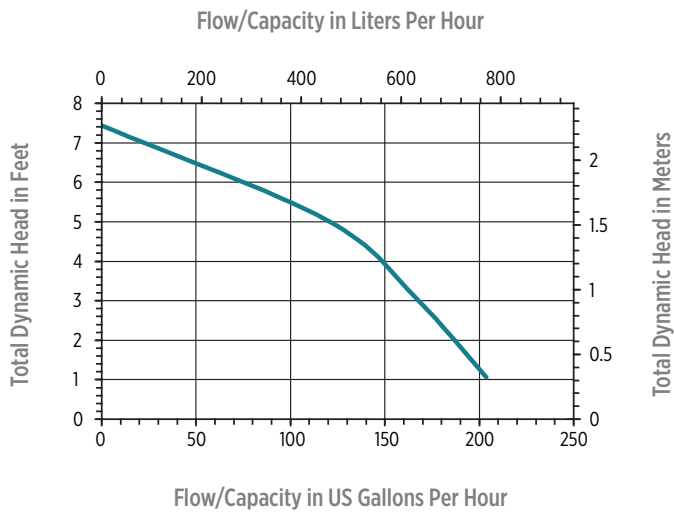
SPECIALTY PUMPS

1-YS SERIES - 1/150 HP

ENGINEERING DATA



PERFORMANCE DATA



REPLACEMENT PARTS

Volute	101351
Impeller	101433
Screen	101351



2E-NYS SERIES - 1/40 HP

APPLICATIONS

Used for circulating unheated Stoddard solvent or deodorized kerosenes. Its die-cast aluminum design provides durability to handle a variety of cleaning solvents for longevity. These refined petroleum distillates are free from tendency to heat spontaneously; they have a closed cup flash point not lower than 100 °F. Thermally protected.

FEATURES

- Oil-filled aluminum housing
- Nylon volute & impeller
- Conduit fitting for mounting
- Submerged use only in parts washers
- Fluoroelastomer (FKM) shaft seal
- For use with UL (PJQU) solvents
- 300 GPH @ 1
- 6' cord, no plug
- Thermally protected



2E-NYS

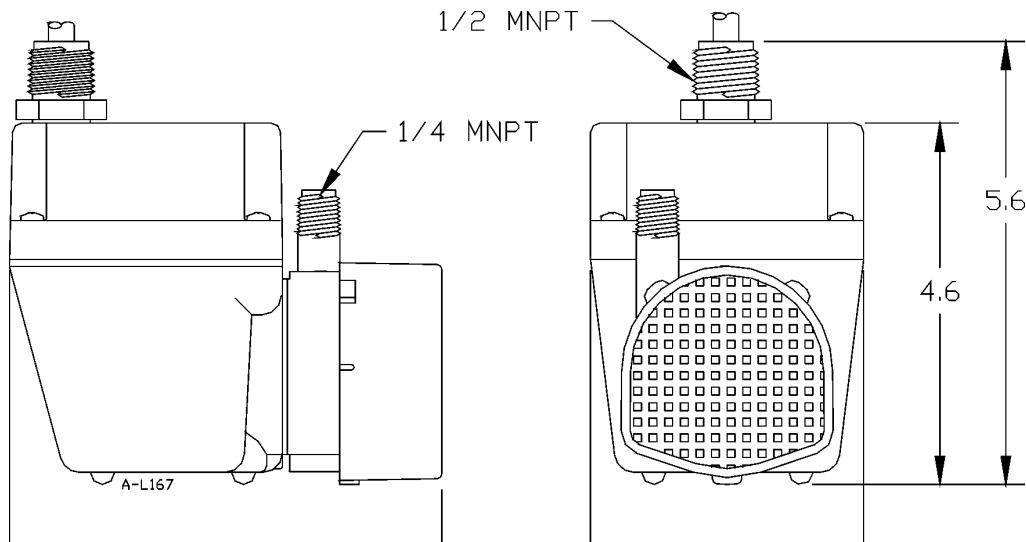


SERIES SPECIFICATIONS

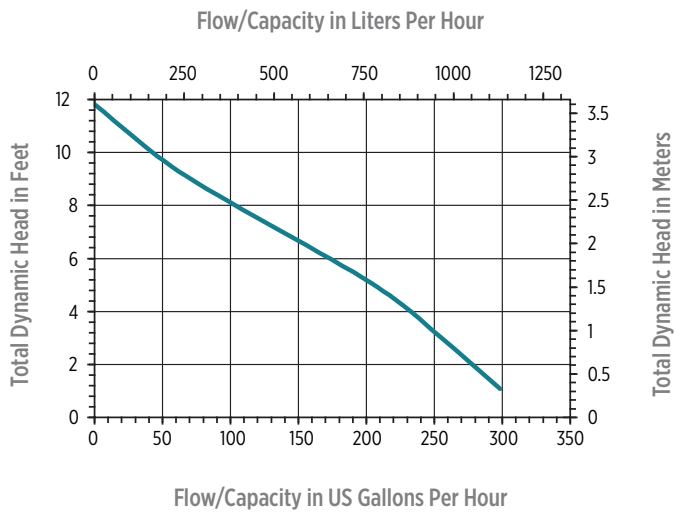
Model No.	Item No.	Discharge Size	Listing	HP	Volts	Hertz	Amps	Watts	Performance (GPM@Head)				Shutoff		Cord Length (ft.)	Weight (lbs.)
									1'	3'	5'	9'	Ft.	P.S.I.		
2E-NYS	502020	1/4" MNPT	UR/C-CSA	1/40	115	60	1.7	100	300	255	205	70	11.8	5.1	6	4.67

2E-NYS SERIES - 1/40 HP

ENGINEERING DATA



PERFORMANCE DATA



REPLACEMENT PARTS

Volute	102333
Impeller	102470
Screen	102901
Gasket	102601



PE-2YSA SERIES

APPLICATIONS

Suitable for submerged use in parts washers using aqueous solutions or UL-listed solvents. This parts washer pump is intended to pump unheated metal parts cleaning solvents, classified as PJQU in the “Gas and Oil Equipment Directory”, and aqueous cleaning solutions. Water-based solutions should not exceed 140 °F/60 °C or 12 pH.

FEATURES

- Fluoroelastomer (FKM) shaft seal
- 1/4" MNPT discharge
- Conduit fitting for mounting
- 1/2" MNPT master builders conduit fitting
- Rated for continuous duty
- For submersible use only



PE-2YSA

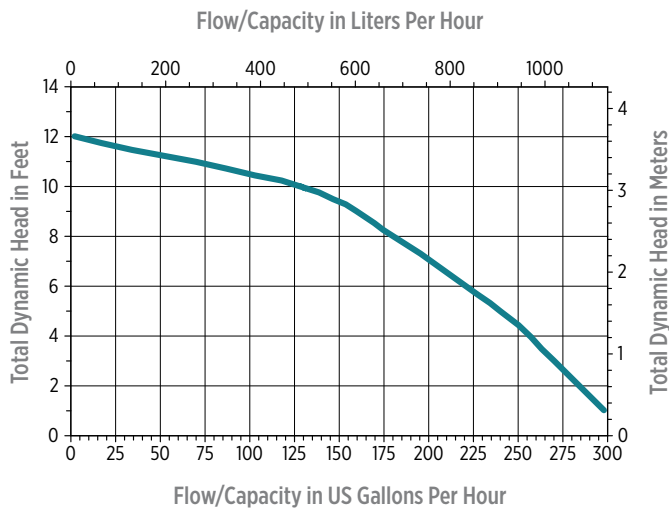


SERIES SPECIFICATIONS

Item No.	Model No.	HP	Volts	Hertz	Amps	Watts	Performance (GPH @ Head)					Shut-Off		Power Cord (ft)	Weight (lbs)
							1'	3'	5'	8'	10'	Feet	PSI		
518550	PE-2YSA	1/40	115	60	.8	47	300	270	240	180	130	12.20	5.3	6	4.66

PE-2YSA SERIES

PERFORMANCE DATA



REPLACEMENT PARTS

Volute	102333
Impeller	102470
Screen	102901
Gasket	102601



MS SERIES

APPLICATIONS

- Designed for pumping water through the condenser coil for marine air conditioners
- Suitable for either fresh water or salt water (marine) applications
- Can be used in-line, open-air, or submerged

FEATURES

- Extremely quiet operation
- MS580P available in 230V 50 Hz/60 Hz
- All models have thermal protection
- Mounting brackets included
- Designed for continuous duty
- ABYC and USCG approved

IMPORTANT NOTES

- Do not run the pump dry
- Operate either horizontal or volute down (do not install pump and operate with volute up)
- The pump is not self-priming, must be installed below waterline
- Be sure to include a strainer on the intake to prevent debris passing through the pump



Mounting Bracket & Plate included for MS320



Mounting Bracket included for MS580, MS900 and MS1200

SERIES SPECIFICATIONS

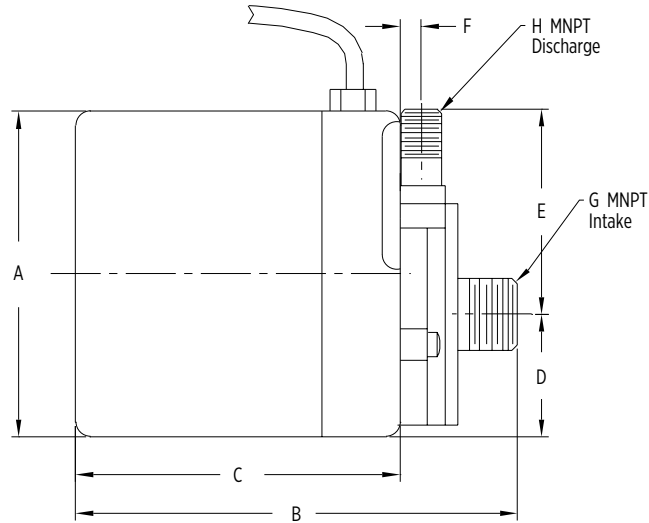
Item No.	Model No.	Amps	Watts	Gallons / Liters Per Hour @ Height				Discharge	Intake	Shut-Off (ft / m)	Cord Length (ft / m)
				1 ft / 0.3 m	5 ft / 1.5 m	10 ft / 3.0 m	15 ft / 4.6 m				
517200001	MS320P-6B	0.50	60	375 / 1420	310 / 1170	205 / 775	-	1/4" MNPT	1/2" MNPT	14.8 / 4.5	6 / 1.8
517200003	MS580P-6B	0.65	70	850 / 3220	705 / 2670	450 / 1700	-	1/2" MNPT	3/4" MNPT	13.2 / 4.0	6 / 1.8
517200004	MS580P-6-2B	0.40	90	850 / 3220	705 / 2670	450 / 1700	-			13.2 / 4.0	6 / 1.8
517200005	MS900P-6B	0.75	85	890 / 3370	775 / 2930	575 / 2175	180 / 680			15.6 / 4.75	6 / 1.8
517200006	MS1200P-6B	1.00	105	1150 / 4350	1070 / 4050	890 / 3370	600 / 2270			20 / 6.10	6 / 1.8

REPAIR KITS & ACCESSORIES

Item No.	Model No.	Description
305626005	MSR-3P	Repair Kit MS320P (impeller, volute, O-ring, screws)
305626006	MSR-5P	Repair Kit MS580P (impeller, volute, O-ring, screws)
305626007	MSR-9P	Repair Kit MS900P (impeller, volute, O-ring, screws)
305626008	MSR-12P	Repair Kit MS1200P (impeller, volute, O-ring, screws)
305626009	CFS1-P	Intake Screen for MS320P
305626010	CFS100-P	Intake Filter Screen for MS580P, MS900P and MS1200P
305626011	MSUB-P	Mounting Plate for MS320P
305626012	MSUBM-P	Mounting Bracket for MS580P, MS900P and MS1200P

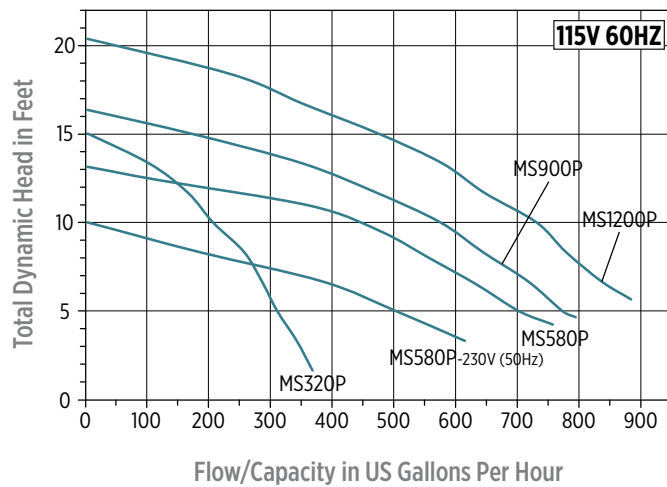
MS SERIES

ENGINEERING DATA



Model No.	A	B	C	D	E	F	G MNPT	H MNPT
MS320P-6B	3.85"	5.4"	3.85"	2.10"	2.22"	0.40"	1/2"	1/4"
MS580P-6B / MS580P-6-2B	4.45"	6.5"	4.75"	2.37"	2.75"	0.45"	3/4"	1/2"
MS900P-6B	4.45"	6.5"	4.75"	2.37"	2.75"	0.45"	3/4"	1/2"
MS1200P-6B	4.45"	6.5"	4.75"	2.37"	2.75"	0.45"	3/4"	1/2"

PERFORMANCE DATA



CONSTRUCTION

Motor Housing	Stainless steel
Impeller Material	Nylon
Impeller Type	Semi-open
Volute	Nylon
Motor Shaft	Stainless steel
Shaft Seal	Fluoroelastomer (FKM)
Fasteners	Stainless steel
Bearings	Stainless steel ball bearings
Power Cord	SJTOW



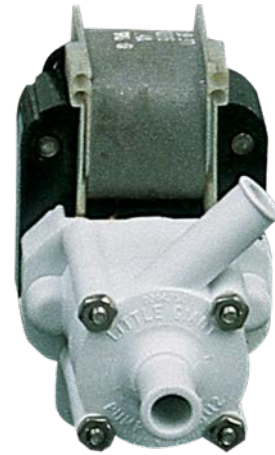
1-AA-MD SERIES - 1/200 HP

APPLICATIONS

The Little Giant MD series features leakproof, seal-less magnetic drives, and are designed for in-line, non-submersible use. Volute and magnet housing are glass-filled polypropylene for excellent chemical resistance. Impeller is glass-filled polypropylene and ceramagnet "A" (barium ferrite). Shaft is stainless steel and thrust washers are Rulon "J" (Teflon®) for excellent wear and trouble-free service. Pumping heads are easily rotated, cleaned or serviced with no special tools required. Spindle shaft is supported at both ends to prevent impeller damage during start-up and stop of pump.

FEATURES

- Thermally protected, open, shaded-pole motor
- Sleeve bearings
- 3' lead wires without plug
- Specific gravity to 1.1
- Fluid temperature to 150°F
- Ambient air temperature to 77°F

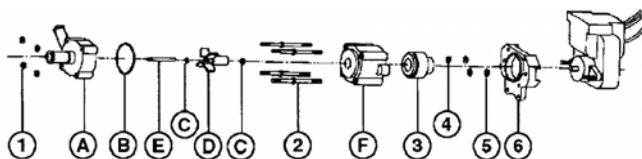


1-AA-MD



SERIES SPECIFICATIONS

Model No.	Item No.	Intake Size	Discharge Size	Listing(s)	HP	Volts	Hertz	Amps	Watts	Performance (GPM@Head)		Shutoff		Power Cord (ft.)	Weight (lbs.)
										1'	3'	Ft.	P.S.I.		
1-AA-MD	588001	1/2" Hose	1/2" Hose	UR/C-CSA	1/200	115	60	0.4	19	162	102	5.4	2.3	6	2.33
1-AA	588122	1/2" Hose	1/2" Hose	Pump Head Less Motor											0.90



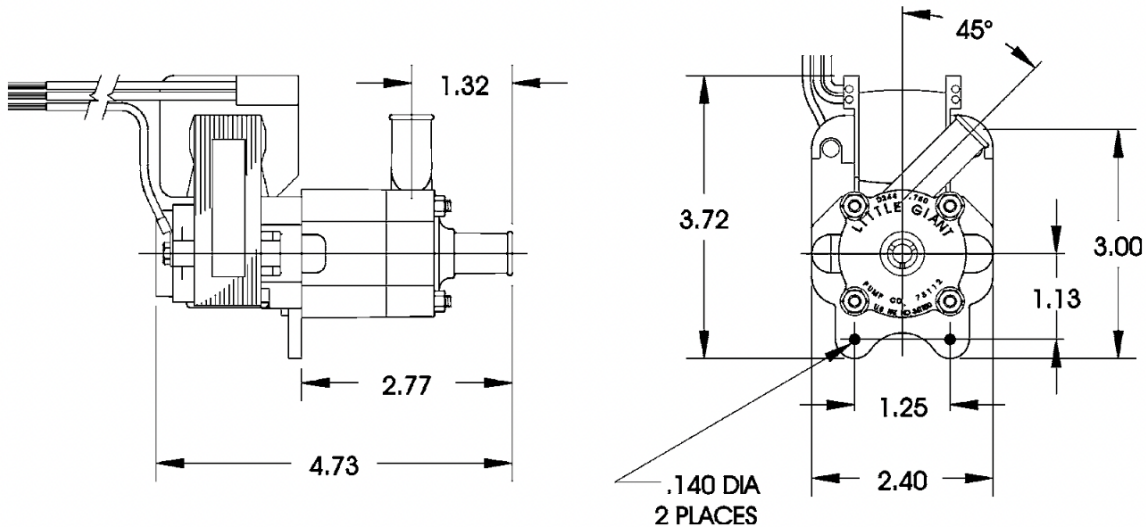
REPLACEMENT PARTS

Item	Part No.	Description
A	188010	Volute
B	924025	O-ring
C	921065	Thrust washer
D	188100	Impeller
E	188050	Shaft
F	188001	Housing
1	920020	Wing nut
2	911503	Stud, collared
3	188124	Drive magnet
4	920002	Mounting bracket

NOTE: Parts A-F contact fluid

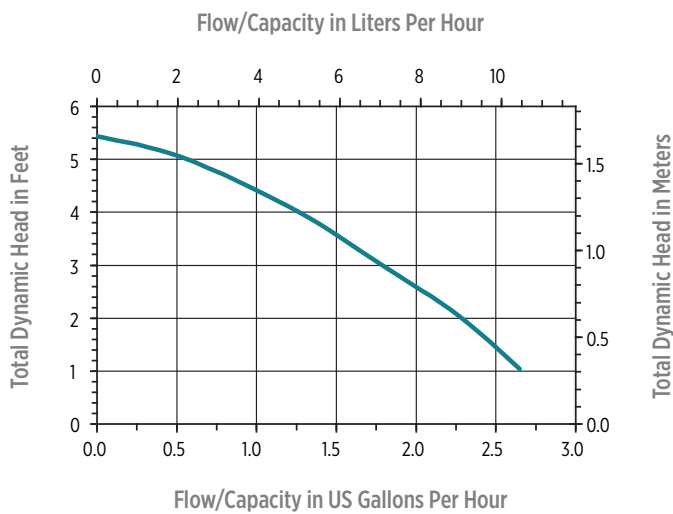
1-AA-MD SERIES - 1/200 HP

ENGINEERING DATA



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.

PERFORMANCE DATA



REPLACEMENT PARTS

Item	Part No.	Description
A	188010	Volute
B	924025	O-Ring
C	921065	Thrust Washer
D	188100	Impeller
E	188050	Shaft
F	188001	Housing
1	920020	Nut
2	911503	Stud, Collared
3	188124	Drive Magnet
4	920002	Nut
5	921028	Lock Washer
6	188030	Mounting Bracket

NOTE: Parts A-F contact fluid



1-EUAA-MD SERIES - 1/200 HP

APPLICATIONS

The Little Giant 1-EUAA-MD series features leakproof, seal-less magnetic drives and are designed for in-line or submersible use. Volute and magnet housing are glass-filled polypropylene for excellent chemical resistance. Impeller is glass-filled polypropylene and ceramagnet "A" (barium ferrite). Shaft is ceramic and thrust washers are Rulon "J" (Teflon®) for excellent wear and trouble-free service. Pumping heads are easily rotated, cleaned or serviced with no special tools required. Spindle shaft is supported at both ends to prevent impeller damage during start-up and stop of pump.

FEATURES

- Thermally protected, epoxy encapsulated motor
- For submersible or in-line use
- 6' power cord with 3-prong plug
- Specific gravity to 1.1
- Fluid temperature to 120°F

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



1-EUAA-MD



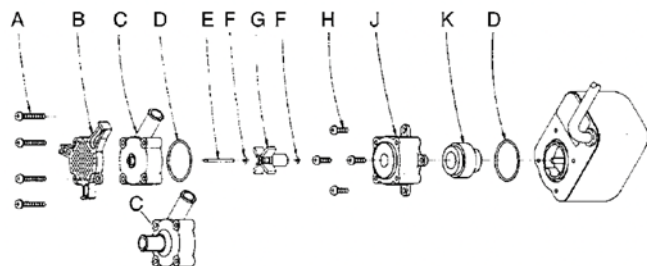
SERIES SPECIFICATIONS

Model No.	Item No.	Intake Size	Discharge Size	Listing(s)	HP	Volts	Hertz	Amps	Watts	Performance (GPM@Head)		Shutoff		Power Cord (ft.)	Weight (lbs.)
										1'	3'	Ft.	P.S.I.		
1-EUAA-MD	588205	1/2" Hose	1/2" Hose	UR/CSA	1/200	115	60	0.3	17	150	105	5.0	2.2	6	3.00

REPLACEMENT PARTS

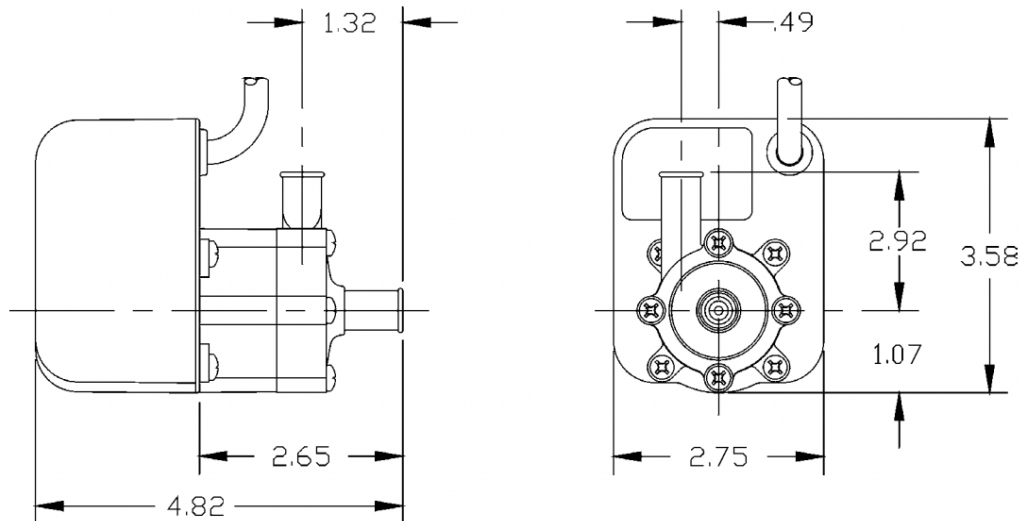
Item	Part No.	Description
A	902420	Screw
B	188901	Screen
C	188015	Volute, smooth
C	188016	Volute, in-line
D	924028	O-ring
E	188051	Shaft
F	921065	Thrust washer
G	188105	Impeller
H	902442	Screw
J	188004	Housing
K	118124	Drive magnet

NOTE: Parts A-K contact fluid



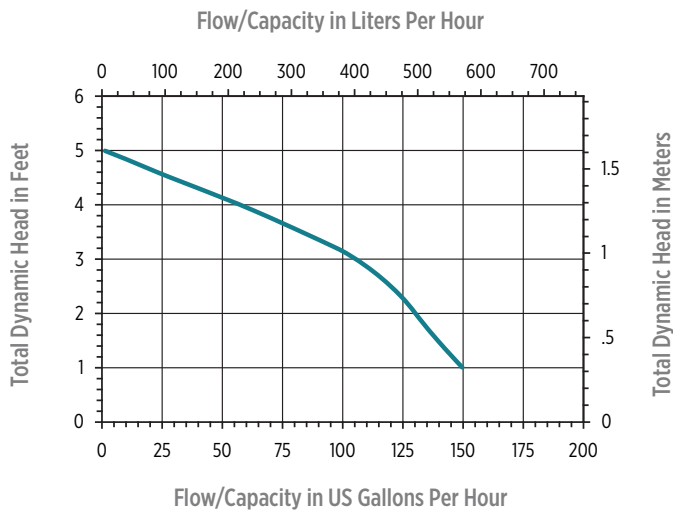
1-EUAA-MD SERIES - 1/200 HP

ENGINEERING DATA



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.

PERFORMANCE DATA



1-MD SERIES - 1/70 HP

APPLICATIONS

The Little Giant MD series features leakproof, seal-less magnetic drives and are designed for in-line, non-submersible use. Volute and magnet housing are glass-filled polypropylene for excellent chemical resistance. Impeller is glass-filled polypropylene and ceramagnet "A" (barium ferrite). Shaft and thrust washers are titanium for excellent wear and trouble-free service. Pumping heads are easily rotated, cleaned or serviced with no special tools required. Spindle shaft is supported at both ends to prevent impeller damage during start-up and stop of pump.

FEATURES

- Thermally protected, open, fan-cooled motor
- Sleeve bearings
- 6' power cord with 3-prong plug (no plug on 230V)
- Specific gravity to 1.1
- Fluid temperature to 150°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.

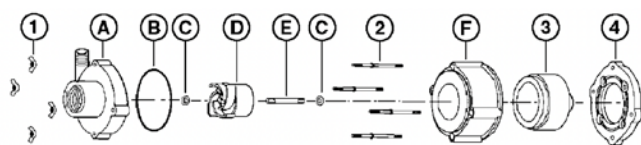


1-MD



SERIES SPECIFICATIONS

Model No.	Item No.	Intake Size	Discharge Size	Listing(s)	HP	Volts	Hertz	Amps	Watts	Performance (GPM@Head)				Shutoff		Power Cord (ft.)	Weight (lbs.)
										1'	3'	6'	9'	Ft.	P.S.I.		
1-MD	589002	1/2" Hose	1/2" Hose	UR/CSA	1/70	115	60	0.8	60	180	165	90	20	10.6	4.6	6	4.00
1-MD	589012	1/2" Hose	1/2" Hose		Pump Head Less Motor												2.00



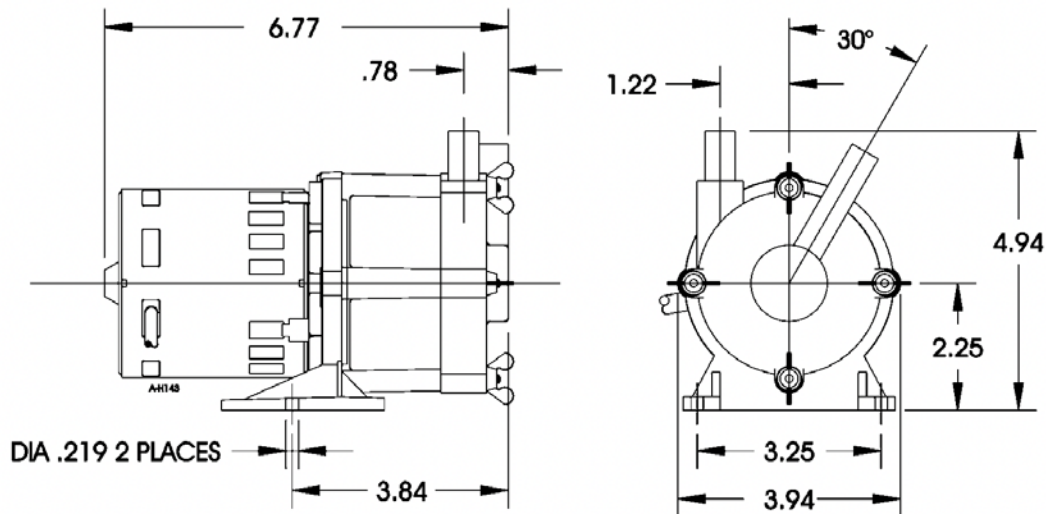
REPLACEMENT PARTS

Item	Part No.	Description
A	188010	Volute
B	924025	O-ring
C	921065	Thrust washer
D	188100	Impeller
E	188050	Shaft
F	188001	Housing
1	920020	Wing nut
2	911503	Stud, collared
3	188124	Drive magnet
4	920002	Mounting bracket

NOTE: Parts A-F contact fluid

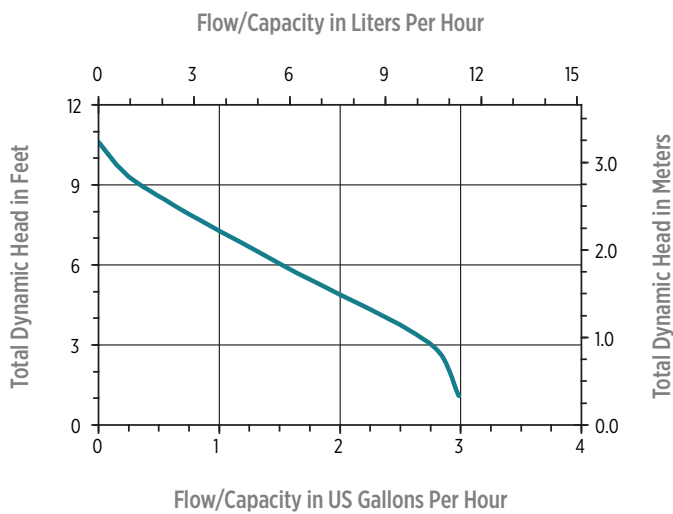
1-MD SERIES - 1/70 HP

ENGINEERING DATA



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.

PERFORMANCE DATA



2-MD SERIES - 1/30 HP

APPLICATIONS

The Little Giant MD series features leakproof, seal-less magnetic drives and are designed for in-line, non-submersible use. Volute and magnet housing are glass-filled polypropylene for excellent chemical resistance. Impeller is glass-filled polypropylene and ceramagnet "A" (barium ferrite). Shaft and thrust washers are titanium for excellent wear and trouble-free service. Pumping heads are easily rotated, cleaned or serviced with no special tools required. Spindle shaft is supported at both ends to prevent impeller damage during start-up and stop of pump.

FEATURES

- Thermally protected, open, fan-cooled motor
- Sleeve bearings
- 6' power cord with 3-prong plug (no plug on 230V)
- Specific gravity to 1.1
- Fluid temperature to 150°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.

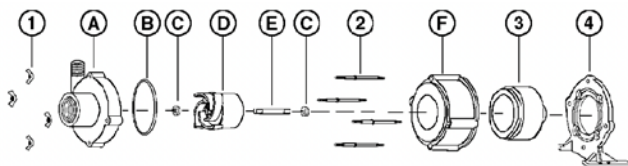


2-MD



SERIES SPECIFICATIONS

Model No.	Item No.	Intake Size	Discharge Size	Listing(s)	HP	Volts	Hertz	Amps	Watts	Performance (GPM@Head)				Shutoff		Power Cord (ft.)	Weight (lbs.)
										1'	3'	6'	9'	Ft.	P.S.I.		
2-MD	580002	1/2" FNPT	1/2" MNPT	UR/C-CSA	1/30	115	60	1.5	100	8.5	7.8	6.8	5.5	14.6	6.3	6	6.25
2-MD	580098	1/2" FNPT	1/2" MNPT	Pump Head Less Motor													1.67



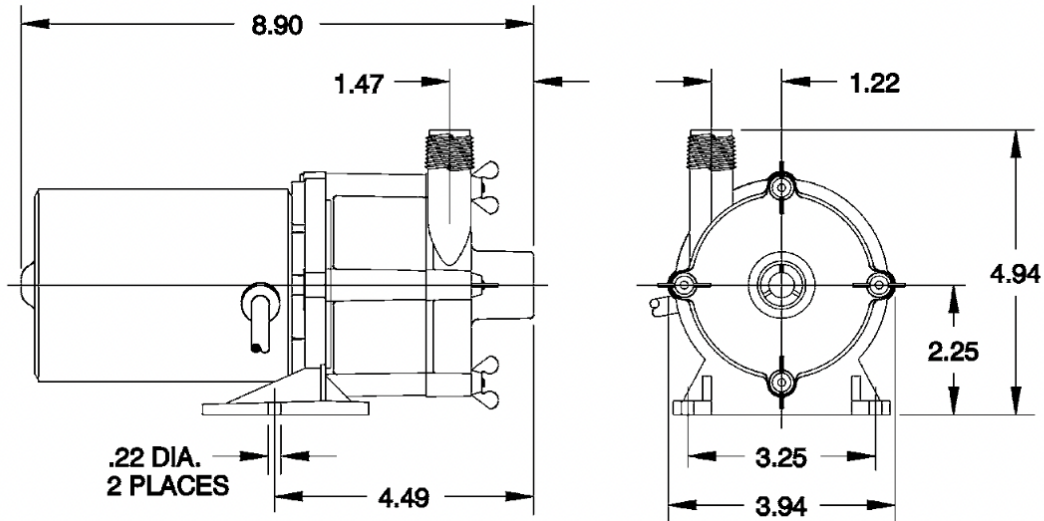
REPLACEMENT PARTS

Item	Part No.	Description
A	180079	Volute
B	924007	O-ring
C	921067	Thrust washer
D	181165	Impeller
E	180058	Shaft
F	180004	Housing
1	920003	Wing nut
2	911403	Stud, collared
3	180602	Drive magnet
4	180031	Mounting bracket

NOTE: Parts A-F contact fluid

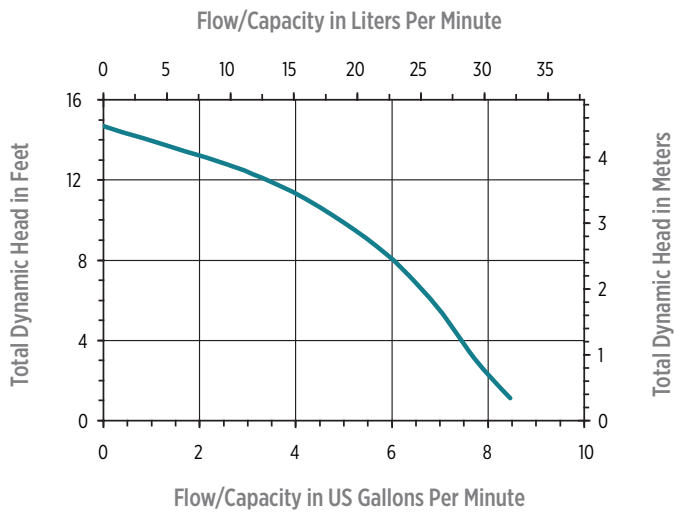
2-MD SERIES - 1/30 HP

ENGINEERING DATA



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.

PERFORMANCE DATA



3-MD SERIES - 1/20 HP

APPLICATIONS

The Little Giant MD series features leakproof, seal-less magnetic drives and are designed for in-line, non-submersible use. Volute and magnet housing are glass-filled polypropylene for excellent chemical resistance. Impeller is glass-filled polypropylene and ceramagnet "A" (barium ferrite). Shaft and thrust washers are titanium for excellent wear and trouble-free service. Pumping heads are easily rotated, cleaned or serviced with no special tools required. Spindle shaft is supported at both ends to prevent impeller damage during start-up and stop of pump.

FEATURES

- Thermally protected, open, fan-cooled motor
- Ball bearings
- 6' power cord with 3-prong plug
- Specific gravity to 1.1
- Fluid temperature to 150°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.

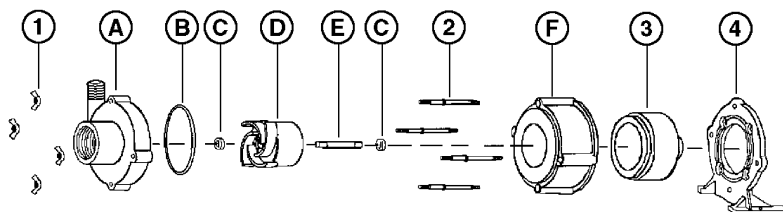


3-MD



SERIES SPECIFICATIONS

Model No.	Item No.	Intake Size	Discharge Size	Listing(s)	HP	Volts	Hertz	Amps	Watts	Performance (GPM@Head)					Shutoff		Power Cord (ft.)	Weight (lbs.)
										1'	3'	6'	9'	15'	Ft.	P.S.I.		
3-MD	581002	1/2" FNPT	1/2" MNPT	UR/C-CSA	1/20	115	60	1.4	105	9.8	9.1	8.2	6.5	2.5	16.1	7.0	6	7.50
3-MD	581098	1/2" FNPT	1/2" MNPT							Pumps Head Less Motor								1.67



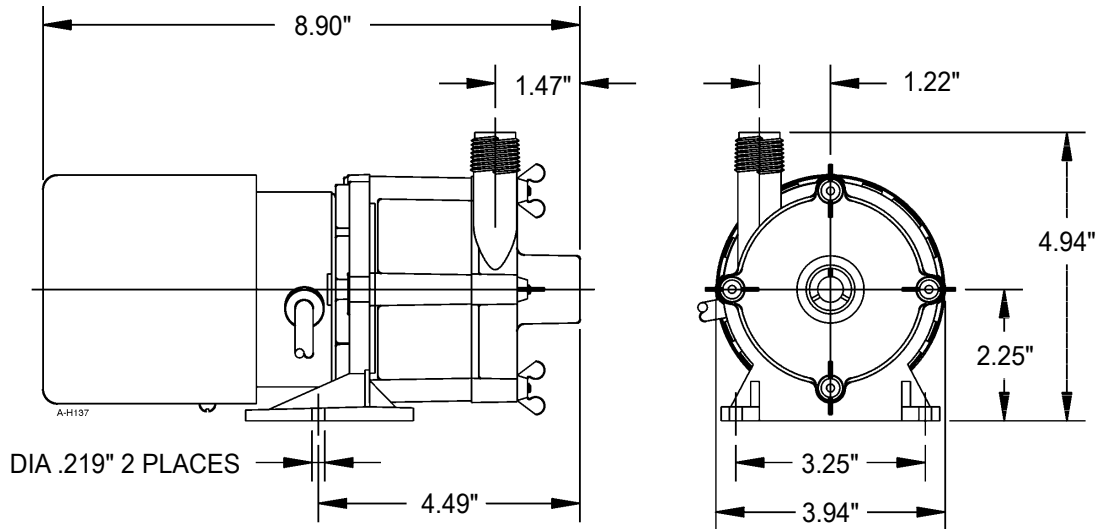
REPLACEMENT PARTS

Item	Part No.	Description
A	188010	Volute
B	924025	O-ring
C	921065	Thrust washer
D	188100	Impeller
E	180050	Shaft
F	188001	Housing
1	920020	Wing nut
2	911503	Stud, collared
3	188124	Drive magnet
4	920002	Mounting bracket

NOTE: Parts A-F contact fluid

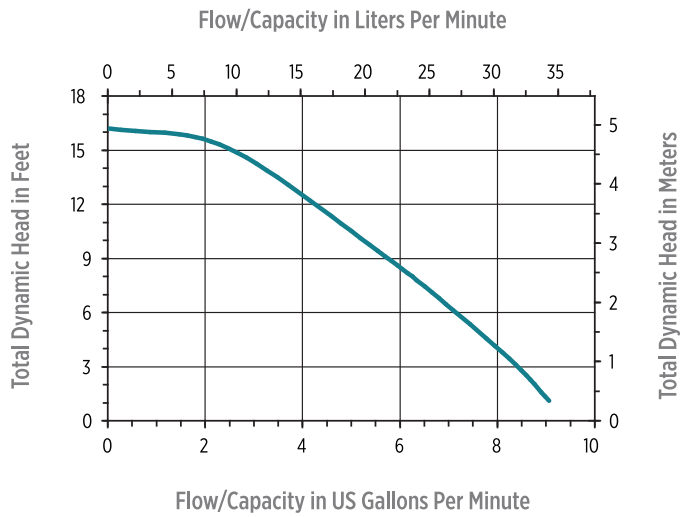
3-MD SERIES - 1/20 HP

ENGINEERING DATA



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.

PERFORMANCE DATA



3-MDX/3X-MDX SERIES - 1/25 HP 1/50 HP

APPLICATIONS

The Little Giant MD series features leakproof, seal-less magnetic drives and are designed for in-line, non-submersible use. Volute and magnet housing are glass-filled polypropylene for excellent chemical resistance. Impeller is glass-filled polypropylene and ceramagnet "A" (barium ferrite). Shaft and thrust washers are titanium for excellent wear and trouble-free service. Pumping heads are easily rotated, cleaned or serviced with no special tools required. Spindle shaft is supported at both ends to prevent impeller damage during start-up and stop of pump.

FEATURES

- Thermally protected, open, fan-cooled motor
- Sleeve bearings
- 6' power cord with 3-prong plug (no plug on 230V)
- Specific gravity to 1.1
- Fluid temperature to 150°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.

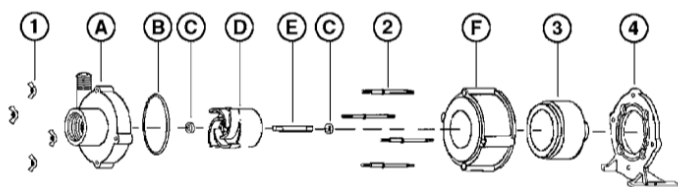


3-MDX / 3X-MDX



SERIES SPECIFICATIONS

Model No.	Item No.	Intake Size	Discharge Size	Listing(s)	HP	Volts	Hertz	Amps	Watts	Performance (GPM@Head)				Shutoff		Power Cord (ft.)	Weight (lbs.)
										1'	3'	6'	9'	Ft.	P.S.I.		
3-MDX	581031	5/8" Hose	5/8" Hose	UR/C-CSA	1/25	115	60	1.65	126	456	420	408	360	19.0	8.2	6	6.25
3X-MDX	581030	5/8" Hose	5/8" Hose	UR/C-CSA	1/50	115	60	0.94	67	348	7.8	198		7.0	3.0	6	5.50



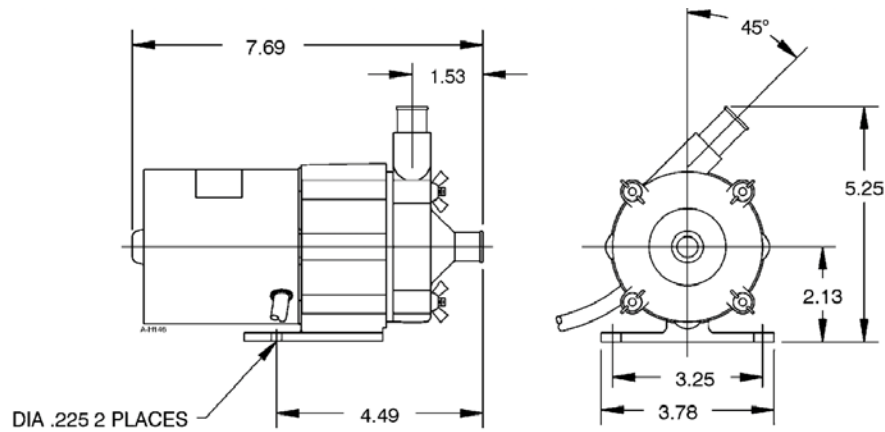
REPLACEMENT PARTS

Item	Part No.	Description
A	181211	Volute
B	924007	O-ring
C	921067	Thrust washer
D	181112	Impeller 3-MDX
D	181111	Impeller 3X-MDX
E	180058	Shaft
F	181311	Backplate
1	920003	Wing nut
2	901418	Screw
3	180602	Drive magnet
4	181411	Mounting bracket

NOTE: Parts A-F contact fluid

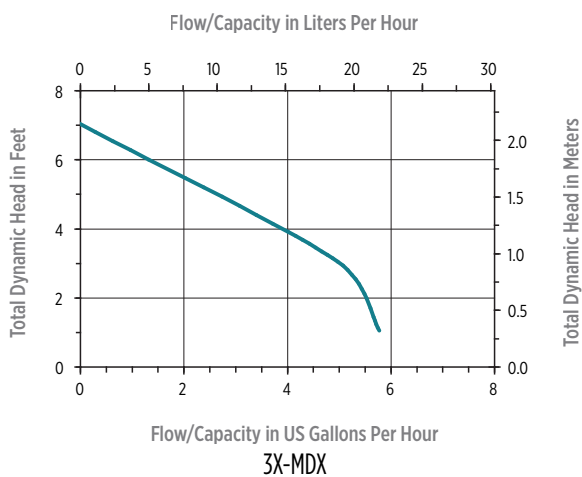
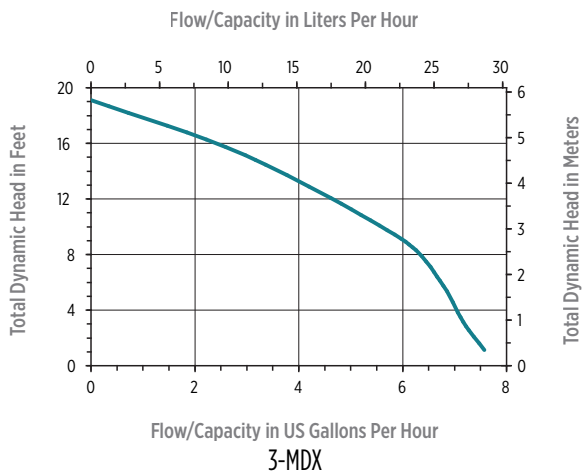
3-MDX/3X-MDX SERIES - 1/25 HP 1/50 HP

ENGINEERING DATA



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.

PERFORMANCE DATA



TE-3-MD SERIES - 1/20 HP

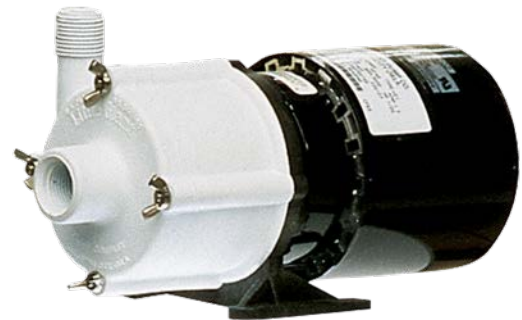
APPLICATIONS

The Little Giant MD series features leakproof, seal-less magnetic drives and are designed for in-line, non-submersible use. Volute and magnet housing are glass-filled polypropylene for excellent chemical resistance. Impeller is glass-filled polypropylene and ceramagnet "A" (barium ferrite). Shaft and thrust washers are titanium for excellent wear and trouble-free service. Pumping heads are easily rotated, cleaned or serviced with no special tools required. Spindle shaft is supported at both ends to prevent impeller damage during start-up and stop of pump.

FEATURES

- Thermally protected, totally enclosed, fan-cooled motor
- Ball bearings
- Specific gravity to 1.1
- Fluid temperature to 150°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.

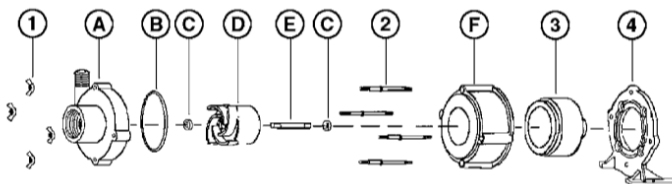


TE-3-MD



SERIES SPECIFICATIONS

Model No.	Item No.	Intake Size	Discharge Size	Listing(s)	HP	Volts	Hertz	Amps	Watts	Performance (GPM@Head)					Shutoff		Power Cord (ft.)	Weight (lbs.)
										1'	3'	6'	9'	15'	Ft.	P.S.I.		
TE-3-MD	581012	1/2" FNPT	1/2" MNPT	UR/C-CSA	1/20	230	50/60	1.1/0.8	135/115	9.8	9.1	8.2	6.5	2.5	16.3	7.1	6	8.00



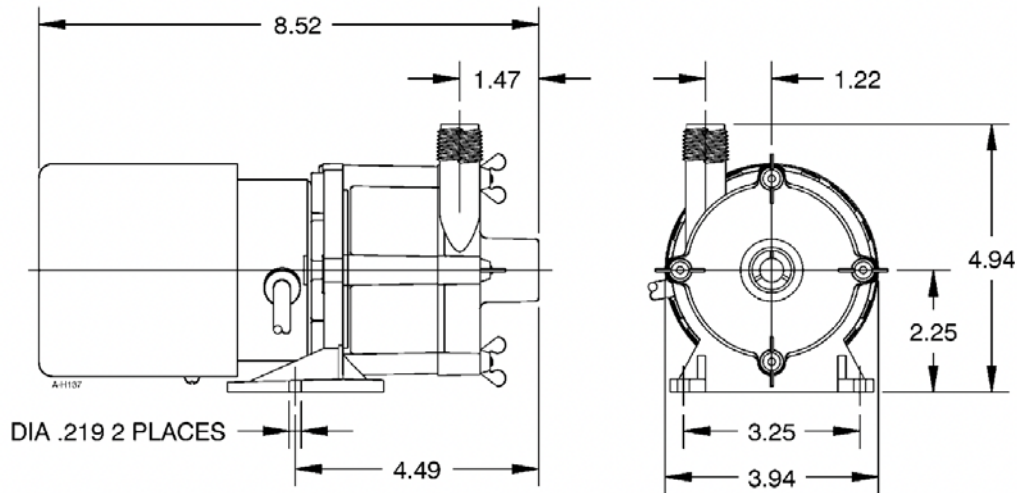
REPLACEMENT PARTS

Item	Part No.	Description
A	183070	Volute
B	924007	O-ring
C	921067	Thrust washer
D	183142	Impeller
E	182056	Shaft
F	182005	Housing
1	920003	Wing nut
2	911403	Stud, collared
3	182602	Drive magnet
4	180031	Mounting bracket

NOTE: Parts A-F contact fluid

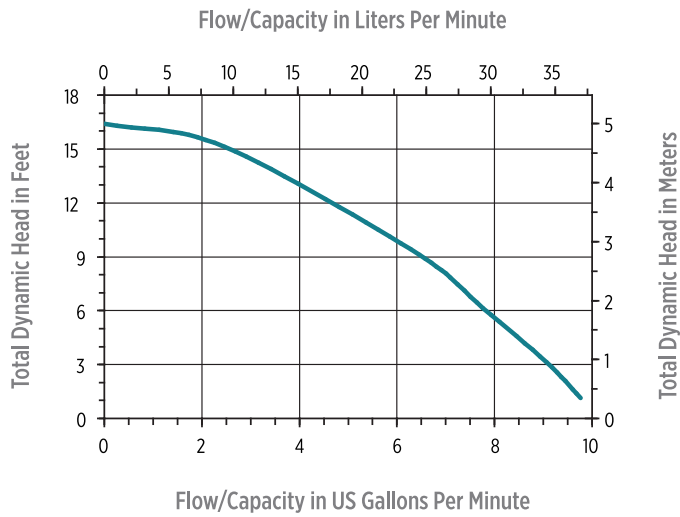
TE-3-MD SERIES - 1/20 HP

ENGINEERING DATA



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.

PERFORMANCE DATA



4-MD SERIES - 1/12 HP

APPLICATIONS

The Little Giant MD series features leakproof, seal-less magnetic drives and are designed for in-line, non submersible use. Volute and magnet housing are glass-filled polypropylene for excellent chemical resistance. Impeller is glass-filled polypropylene and ceramagnet "A" (barium ferrite). Shaft and thrust washers are titanium for excellent wear and trouble-free service. Pumping heads are easily rotated, cleaned or serviced with no special tools required. Spindle shaft is supported at both ends to prevent impeller damage during start-up and stop of pump.

FEATURES

- Thermally protected, open, fan-cooled motor
- Ball bearings
- 6' power cord with 3-prong plug (no plug on 230V)
- Specific gravity to 1.1
- Fluid temperature to 150°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.

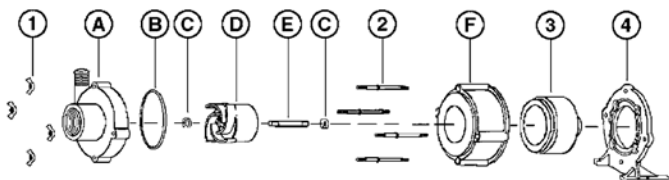


4-MD



SERIES SPECIFICATIONS

Model No.	Item No.	Intake Size	Discharge Size	Listing(s)	HP	Volts	Hertz	Amps	Watts	Performance (GPM@Head)					Shutoff		Power Cord (ft.)	Weight (lbs.)
										1'	3'	6'	9'	15'	Ft.	P.S.I.		
4-MD	582002	1/2" FNPT	1/2" MNPT	UR/C-CSA	1/12	115	60	2.4	213	690	660	600	545	390	23.7	10.3	6	8.50
4-MD	582098	1/2" FNPT	1/2" MNPT	Pump Head Less Motor														2.17



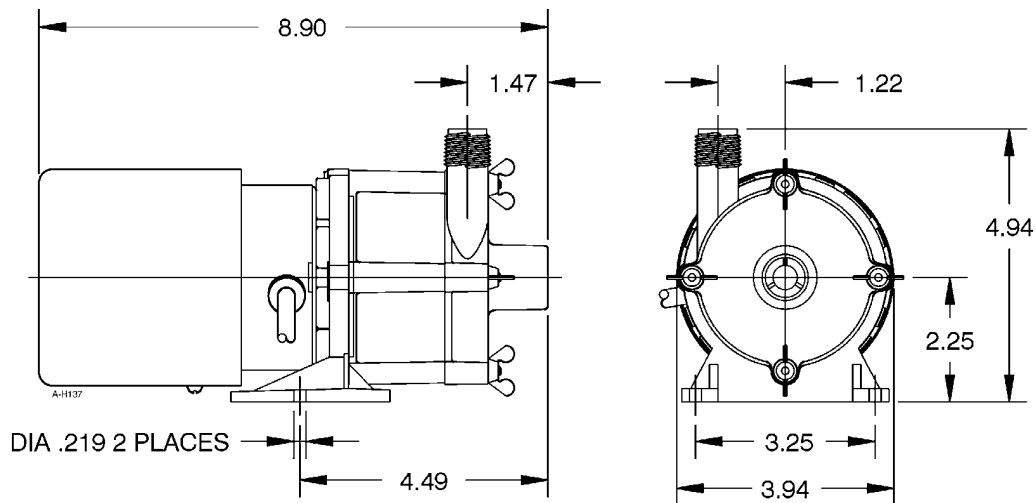
REPLACEMENT PARTS

Item	Part No.	Description
A	183070	Volute
B	924007	O-ring
C	921067	Thrust washer
D	183142	Impeller
E	182056	Shaft
F	182005	Housing
1	920003	Wing nut
2	911403	Stud, collared
3	182602	Drive magnet
4	180031	Mounting bracket

NOTE: Parts A-F contact fluid

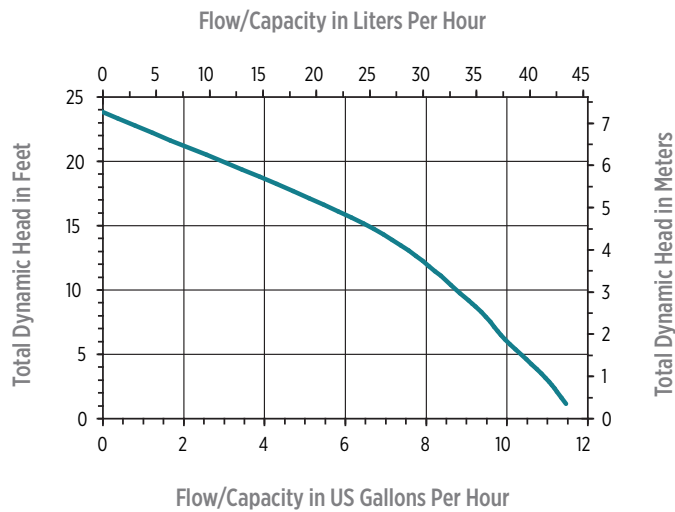
4-MD SERIES - 1/12 HP

ENGINEERING DATA



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.

PERFORMANCE DATA



5-MD SERIES - 1/8 HP

APPLICATIONS

The Little Giant MD series features leakproof, seal-less magnetic drives and are designed for in-line, non submersible use. Volute and magnet housing are glass-filled polypropylene for excellent chemical resistance. Impeller is glass-filled polypropylene and ceramagnet "A" (barium ferrite). Shaft and thrust washers are titanium for excellent wear and trouble-free service. Pumping heads are easily rotated, cleaned or serviced with no special tools required. Spindle shaft is supported at both ends to prevent impeller damage during start-up and stop of pump.

FEATURES

- Thermally protected, open, fan-cooled permanent split capacitor motor
- Sleeve bearings
- 6' power cord with 3-prong plug (no plug on 230V)
- Specific gravity to 1.1
- Fluid temperature to 150°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.

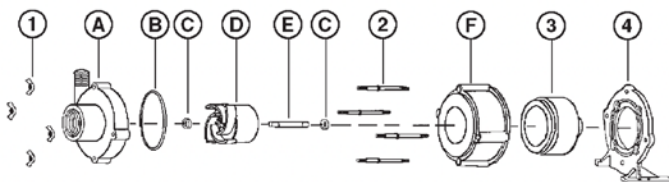


5-MD



SERIES SPECIFICATIONS

Model No.	Item No.	Intake Size	Discharge Size	Listing(s)	HP	Volts	Hertz	Amps	Watts	Performance (GPM@Head)					Shutoff		Power Cord (ft.)	Weight (lbs.)
										1'	3'	6'	9'	15'	Ft.	P.S.I.		
5-MD	583002	1/2" FNPT	1/2" MNPT	UR/C-CSA	1/8	115	60	2.1	200	905	875	800	750	635	34.6	15.0	6	9.25



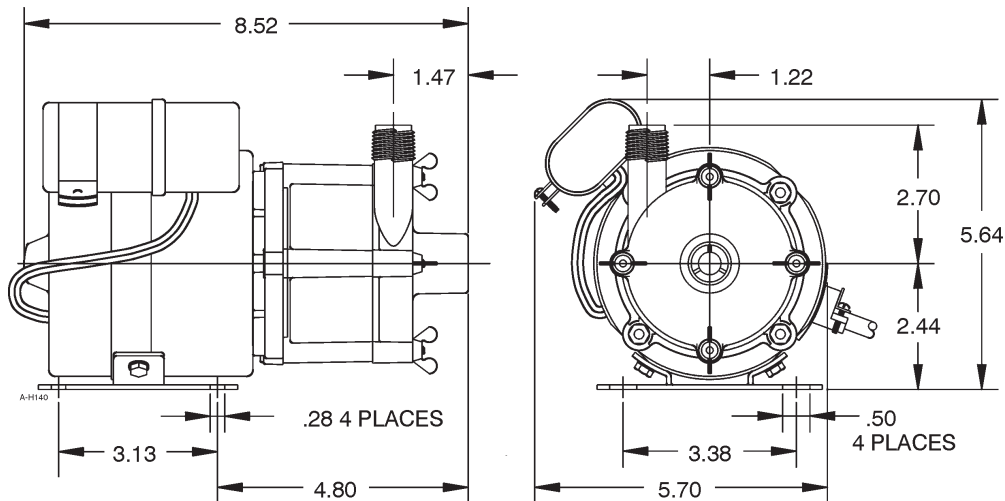
REPLACEMENT PARTS

Item	Part No.	Description
A	183070	Volute
B	924007	O-ring
C	921067	Thrust washer
D	183142	Impeller
E	182056	Shaft
F	182005	Housing
1	920003	Wing nut
2	911403	Stud, collared
3	182602	Drive magnet
4	180031	Mounting bracket

NOTE: Parts A-F contact fluid

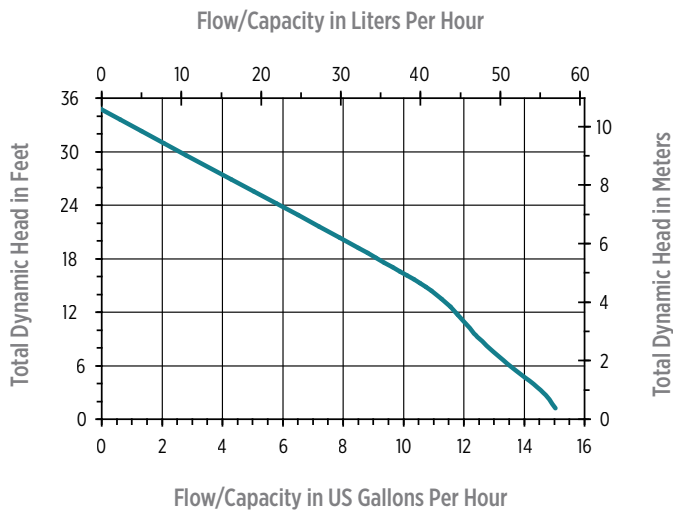
5-MD SERIES - 1/8 HP

ENGINEERING DATA



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.

PERFORMANCE DATA



PE-1.5-MDI-SC SERIES - 1/35 HP

APPLICATIONS

The Little Giant PE-1.5-MDI-SC series features leakproof, seal-less magnetic drives and are designed for submersible use only. Volute, magnet housing and impeller are glass-filled polypropylene for excellent chemical resistance. Ceramic shaft and thrust washers are 99.5% pure alumina for excellent wear and trouble-free service. Pumping heads are easily rotated, cleaned or serviced with no special tools required. Spindle shaft is supported at both ends to prevent impeller damage during start-up and stop of pump.

FEATURES

- Thermally protected, open, fan-cooled permanent split capacitor motor
- Sleeve bearings
- 6' power cord with 3-prong plug (no plug on 230V)
- Specific gravity to 1.1
- Fluid temperature to 150°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.

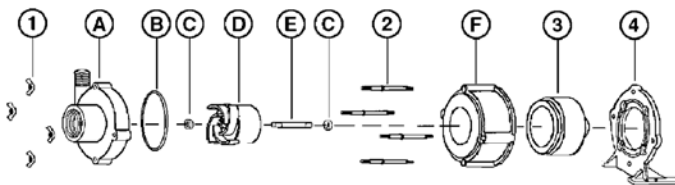


PE-1.5-MDI-SC



SERIES SPECIFICATIONS

Model No.	Item No.	Intake Size	Discharge Size	Listing(s)	HP	Volts	Hertz	Amps	Watts	Performance (GPM@Head)					Shutoff		Power Cord (ft.)	Weight (lbs.)
										1'	3'	6'	8'	10'	Ft.	P.S.I.		
PE-1.5-MDI-SC	589204	1/2" MNPT	1/2" FNPT	UR/C-CSA	1/35	115	60	0.9	63	325	300	245	200	150	12.8	5.5	6	5.00



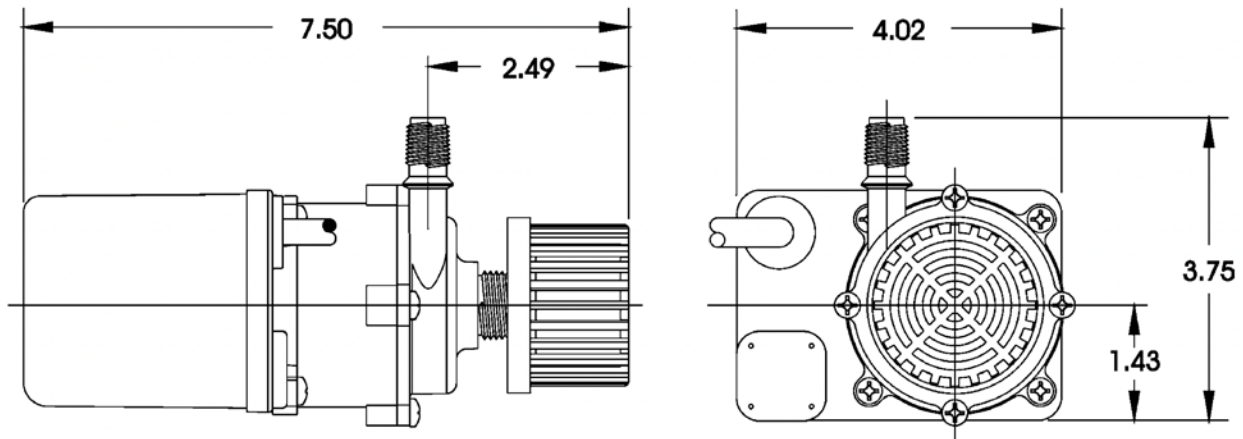
REPLACEMENT PARTS

Item	Part No.	Description
A	118913	Screen
B	902402	Screw
C	189003	Volute
D	921077	Thrust Washer
E	189042	Shaft
F	189010	Impeller
G	924134	O-Ring (volute)
G	924133	O-Ring (motor housing)
H	189045	Housing
I	189028	Drive Magnet

NOTE: Parts A-F contact fluid

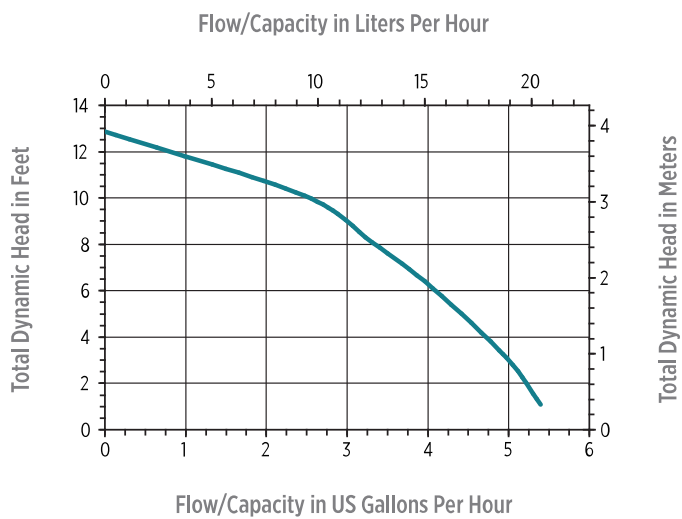
PE-1.5-MDI-SC SERIES - 1/35 HP

ENGINEERING DATA



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.

PERFORMANCE DATA



2-MD-SC SERIES - 1/25, 1/30 HP

APPLICATIONS

The Little Giant MD-SC series features leakproof, seal-less magnetic drives and are designed for in-line, non submersible use. Volute, magnet housing and impeller are glass-filled polypropylene for excellent chemical resistance. Ceramic shaft and thrust washers are 99.5% pure alumina for excellent wear and trouble-free service. Pumping heads are easily rotated, cleaned or serviced with no special tools required. Spindle shaft is supported at both ends to prevent impeller damage during start-up and stop of pump.

FEATURES

- Thermally protected, open, fan-cooled motor
- Sleeve bearings
- 6' power cord with 3-prong plug (no plug on 230V)
- Specific gravity to 1.1
- Fluid temperature to 150°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.

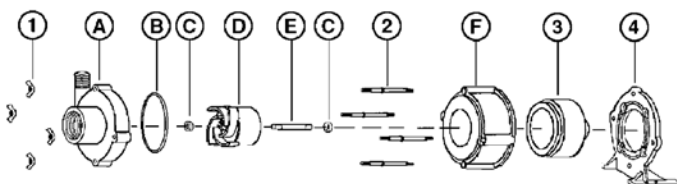


2-MD-SC



SERIES SPECIFICATIONS

Model No.	Item No.	Intake Size	Discharge Size	Listing(s)	HP	Volts	Hertz	Amps	Watts	Performance (GPM@Head)				Shutoff		Power Cord (ft.)	Weight (lbs.)
										1'	3'	6'	9'	Ft.	P.S.I.		
2-MD-SC	580503	1/2" FNPT	1/2" MNPT	UR/C-CSA	1/25	115	60	1.4	109	510	465	410	330	14.6	6.3	6	6.25
2-MD-SC	580513	1/2" FNPT	1/2" MNPT	UR/C-CSA	1/30	230	50/60	0.65/0.64	105/100	510	465	410	339	14.6	6.3	6	6.25
2-MD-SC	580598	1/2" FNPT	1/2" MNPT	Pump Head Less Motor													1.83



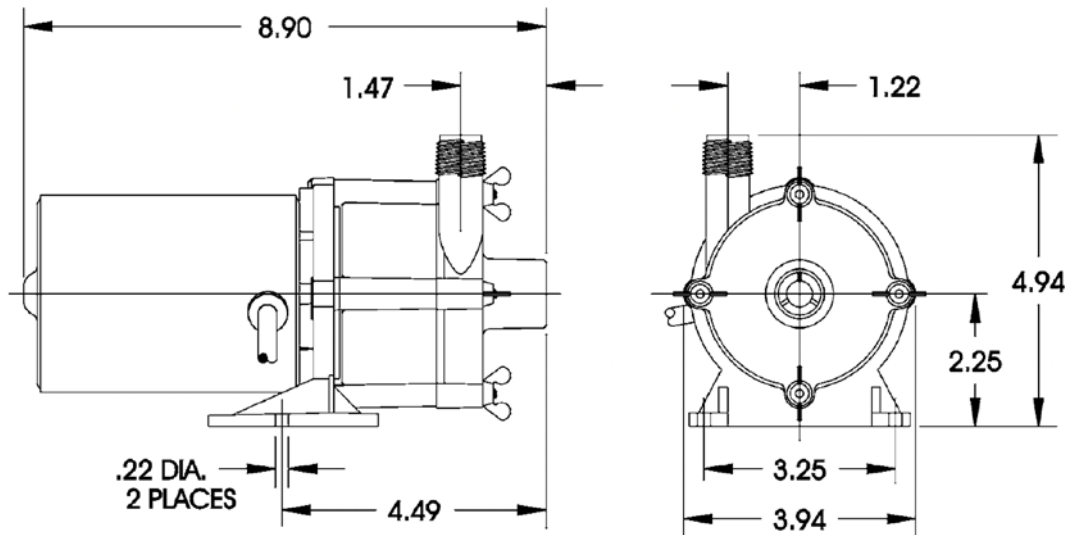
REPLACEMENT PARTS

Item	Part No.	Description
A	180079	Volute
B	924007	O-Ring
C	921077	Thrust Washer
D	180100	Impeller
E	180059	Shaft
F	180004	Housing
1	920003	Wing nut
2	920003	Stud, collared
3	180602	Drive Magnet
4	180031	Mounting Bracket (115V)
4	180037	Mounting Bracket (230V)

NOTE: Parts A-F contact fluid

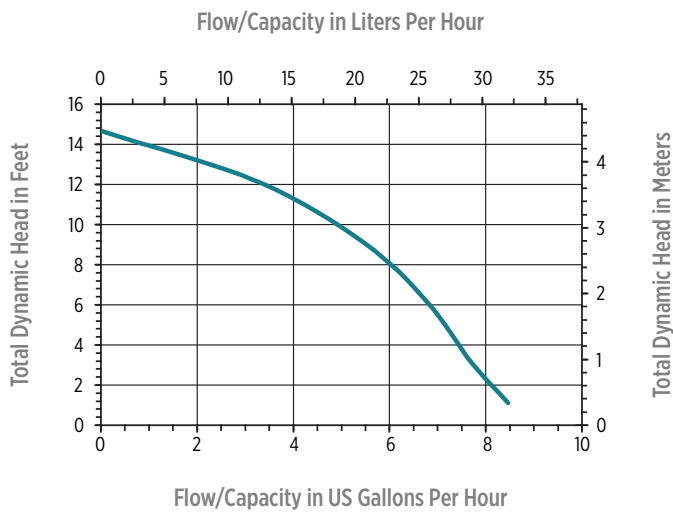
2-MD-SC SERIES - 1/25, 1/30 HP

ENGINEERING DATA



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.

PERFORMANCE DATA



REPLACEMENT PARTS

Item	Part No.	Description
A	180079	Volute
B	924007	O-Ring
C	921077	Thrust Washer
D	180100	Impeller
E	180059	Shaft
F	180004	Housing
1	920003	Wing nut
2	920003	Stud, collared
3	180602	Drive Magnet
4	180031	Mounting Bracket (115V)
4	180037	Mounting Bracket (230V)

NOTE: Parts A-F contact fluid



3-MD-SC SERIES - 1/12 HP

APPLICATIONS

The Little Giant MD-SC series features leakproof, seal-less magnetic drives and are designed for in-line, non-submersible use. Volute, magnet housing and impeller are glass-filled polypropylene for excellent chemical resistance. Ceramic shaft and thrust washers are 99.5% pure alumina for excellent wear and trouble-free service. Pumping heads are easily rotated, cleaned or serviced with no special tools required. Spindle shaft is supported at both ends to prevent impeller damage during start-up and stop of pump.

FEATURES

- Thermally protected, open, fan cooled motor
- Ball bearings
- 6' power cord with 3-prong plug (no plug on 230V)
- Specific gravity to 1.1
- Fluid temperature to 150°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.

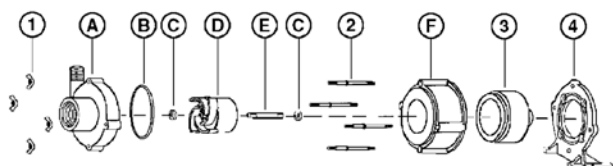


3-MD-SC



SERIES SPECIFICATIONS

Model No.	Item No.	Intake Size	Discharge Size	Listing(s)	HP	Volts	Hertz	Amps	Watts	Performance (GPM@Head)					Shutoff		Power Cord (ft.)	Weight (lbs.)
										1'	3'	6'	9'	15'	Ft.	P.S.I.		
3-MD-SC	581503	3/4" FNPT	1/2" MNPT	UR/C-CSA	1/12	115	60	2.4	190	750	710	665	600	425	21.9	9.5	6	8.5
3-MD-SC	581513	3/4" FNPT	1/2" MNPT	UR/C-CSA	1/12	230	60	1.2	190	750	710	665	600	425	21.9	9.5	6	8.5
3-MD-SC	581597	3/4" FNPT	Pump Head Less Motor													0.0	6	2.00



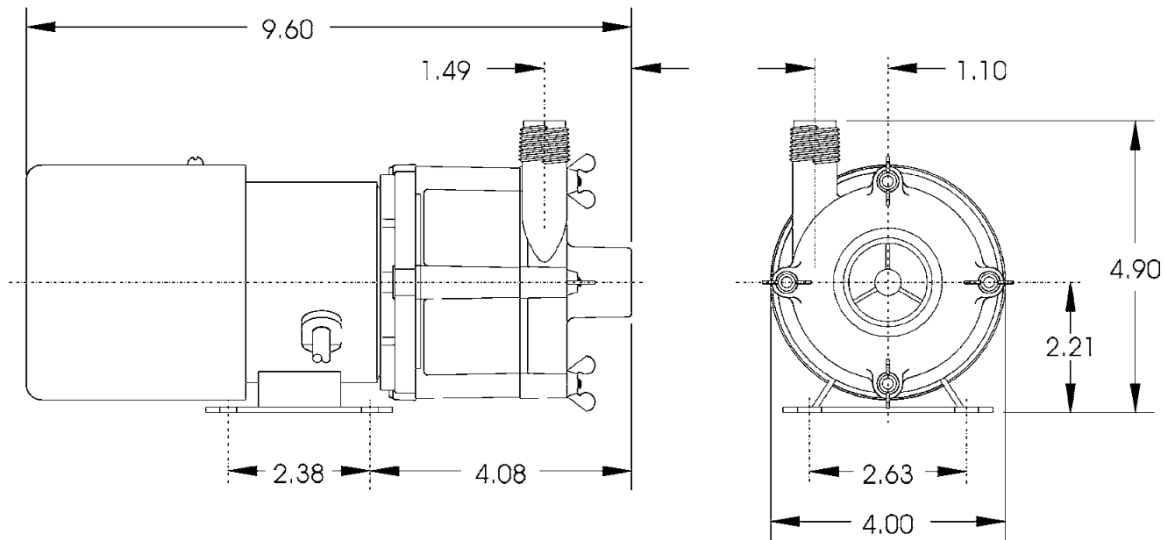
REPLACEMENT PARTS

Item	Part No.	Description
A	182010	Volute
B	924007	O-Ring
C	921077	Thrust Washer
D	183132	Impeller
E	180057	Shaft
F	182005	Housing
1	920003	Wing nut
2	911403	Stud, collared
3	182602	Drive Magnet
4	180037	Mounting Bracket

NOTE: Parts A-F contact fluid

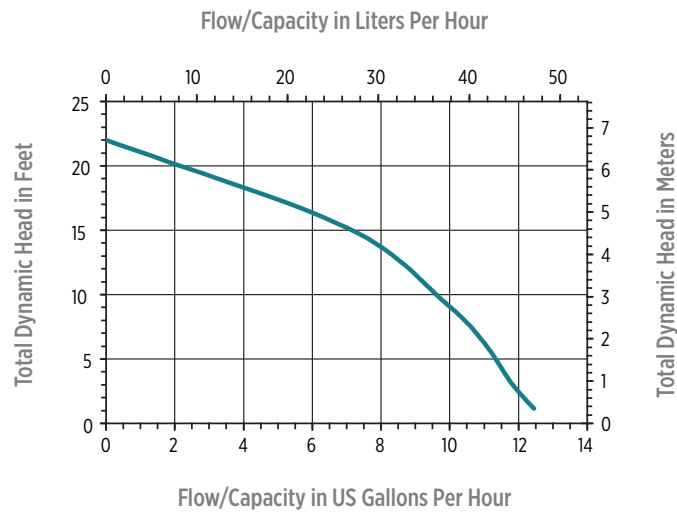
3-MD-SC SERIES - 1/12 HP

ENGINEERING DATA



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.

PERFORMANCE DATA



4-MD-SC SERIES - 1/10 HP

APPLICATIONS

The Little Giant MD-SC series features leakproof, seal-less magnetic drives and are designed for in-line, non-submersible use. Volute, magnet housing and impeller are glass-filled polypropylene for excellent chemical resistance. Ceramic shaft and thrust washers are 99.5% pure alumina for excellent wear and trouble-free service. Pumping heads are easily rotated, cleaned or serviced with no special tools required. Spindle shaft is supported at both ends to prevent impeller damage during start-up and stop of pump.

FEATURES

- Thermally protected, open, fan-cooled, permanent split capacitor motor
- Sleeve bearings
- 6' power cord with 3-prong plug
- Specific gravity to 1.1
- Fluid temperature to 150°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.

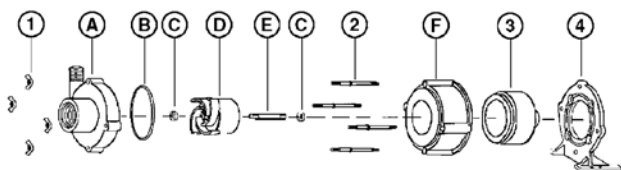


4-MD-SC



SERIES SPECIFICATIONS

Model No.	Item No.	Intake Size	Discharge Size	Listing(s)	HP	Volts	Hertz	Amps	Watts	Performance (GPM@Head)					Shutoff		Power Cord (ft.)	Weight (lbs.)
										1'	3'	6'	9'	15'	Ft.	P.S.I.		
4-MD-SC	582503	1" FNPT	1/2" MNPT	UR/C-CSA	1/10	115	60	1.7	185	850	810	765	710	550	24.3	10.5	6	9.00
4-MD-SC	582598	1" FNPT	1/2" MNPT	Pump Head Less Motor												0.0	6	2.00



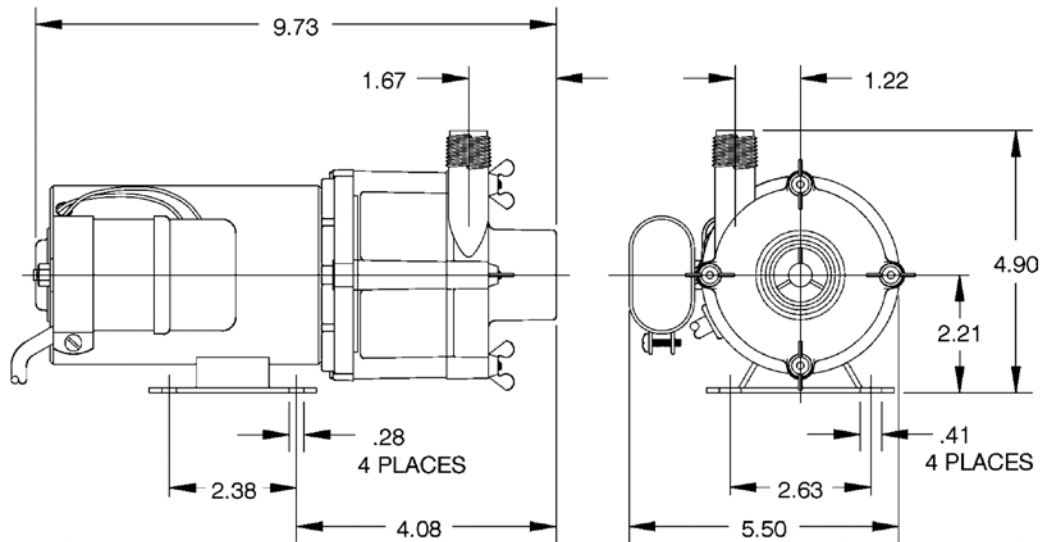
REPLACEMENT PARTS

Item	Part No.	Description
A	182010	Volute
B	924007	O-Ring
C	921077	Thrust Washer
D	183132	Impeller
E	180057	Shaft
F	182005	Housing
1	920003	Wing nut
2	911403	Stud, collared
3	182602	Drive Magnet
4	180037	Mounting Bracket

NOTE: Parts A-F contact fluid

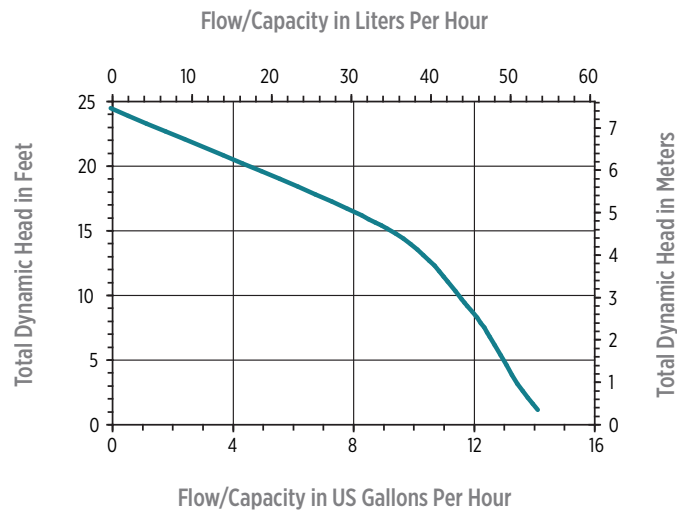
4-MD-SC SERIES - 1/10 HP

ENGINEERING DATA



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.

PERFORMANCE DATA



TE-4-MD-SC SERIES - 1/10 HP

APPLICATIONS

The Little Giant MD-SC series features leakproof, seal-less magnetic drives and are designed for in-line, non-submersible use. Volute, magnet housing and impeller are glass-filled polypropylene for excellent chemical resistance. Ceramic shaft and thrust washers are 99.5% pure alumina for excellent wear and trouble-free service. Pumping heads are easily rotated, cleaned or serviced with no special tools required. Spindle shaft is supported at both ends to prevent impeller damage during start-up and stop of pump.

FEATURES

- Thermally protected, totally enclosed, permanent split capacitor motor
- Sleeve bearings
- 6' power cord with 3-prong plug (no plug on 230V)
- Specific gravity to 1.1
- Fluid temperature to 150°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.

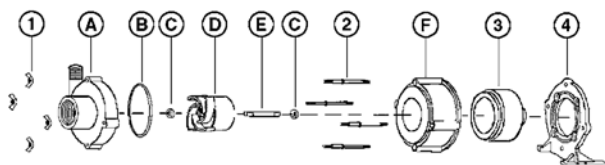


TE-4-MD-SC



SERIES SPECIFICATIONS

Model No.	Item No.	Intake Size	Discharge Size	Listing(s)	HP	Volts	Hertz	Amps	Watts	Performance (GPM@Head)					Shutoff		Power Cord (ft.)	Weight (lbs.)
										1'	3'	6'	9'	15'	Ft.	P.S.I.		
TE-4-MD-SC	582514	1" FNPT	1/2" MNPT	UR/C-CSA	1/10	230	50/60	.5/.7	120/150	850	810	765	710	550	24.3	10.5	6	9.75



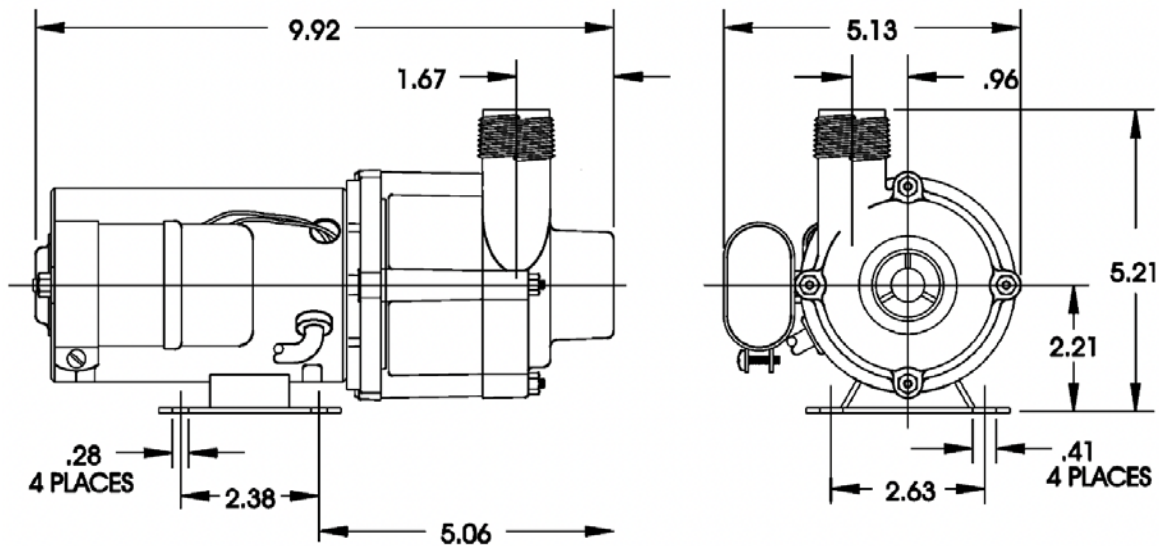
REPLACEMENT PARTS

Item	Part No.	Description
A	182010	Volute
B	924007	O-Ring
C	921077	Thrust Washer
D	183132	Impeller
E	180057	Shaft
F	182005	Housing
1	920003	Wing nut
2	911403	Stud, collared
3	182602	Drive Magnet
4	180037	Mounting Bracket

NOTE: Parts A-F contact fluid

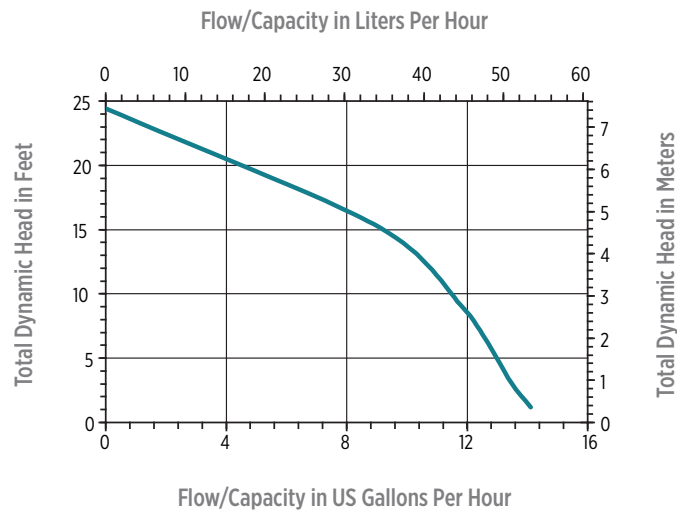
TE-4-MD-SC SERIES - 1/10 HP

ENGINEERING DATA



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.

PERFORMANCE DATA



5-MD-SC SERIES - 1/8 HP

APPLICATIONS

The Little Giant MD-SC series features leakproof, seal-less magnetic drives and are designed for in-line, non-submersible use. Volute, magnet housing and impeller are glass-filled polypropylene for excellent chemical resistance. Ceramic shaft and thrust washers are 99.5% pure alumina for excellent wear and trouble-free service. Pumping heads are easily rotated, cleaned or serviced with no special tools required. Spindle shaft is supported at both ends to prevent impeller damage during start-up and stop of pump.

FEATURES

- Thermally protected, open, fan cooled, permanent split capacitor motor
- Sleeve bearings
- 6' power cord with 3-prong plug (no plug on 230V)
- Specific gravity to 1.1
- Fluid temperature to 150°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.

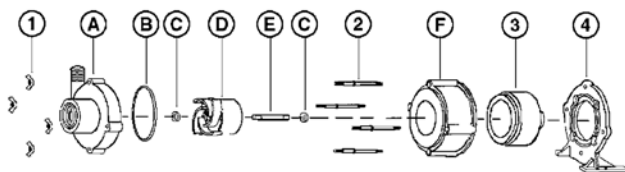


5-MD-SC



SERIES SPECIFICATIONS

Model No.	Item No.	Intake Size	Discharge Size	Listing(s)	HP	Volts	Hertz	Amps	Watts	Performance (GPM@Head)					Shutoff		Power Cord (ft.)	Weight (lbs.)
										1'	3'	6'	9'	15'	Ft.	P.S.I.		
5-MD-SC	583503	1" FNPT	1/2" MNPT	UR/C-CSA	1/8	115	50/60	2.0	208	1050	990	920	840	655	27.5	11.9	6	9.25
5-MD-SC	583513	1" FNPT	1/2" MNPT	UR/C-CSA	1/8	230	50/60	1.0/1.1	200/240	1050	990	920	840	655	27.5	11.9	6	9.25
5-MD-SC	582598	1" FNPT	1/2" MNPT	Pump Head Less Motor													6	2.00



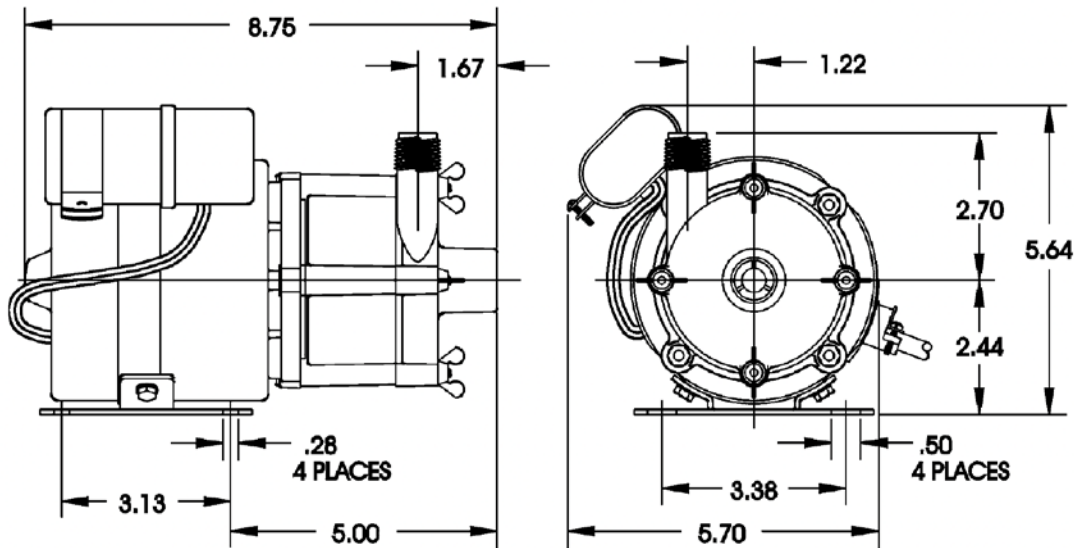
REPLACEMENT PARTS

Item	Part No.	Description
A	183065	Volute
B	924007	O-Ring
C	921077	Thrust Washer
D	183139	Impeller
E	180057	Shaft
F	182005	Housing
1	920003	Wing nut
2	911403	Stud, collared
3	182602	Drive Magnet
4	183031	Mounting Bracket

NOTE: Parts A-F contact fluid

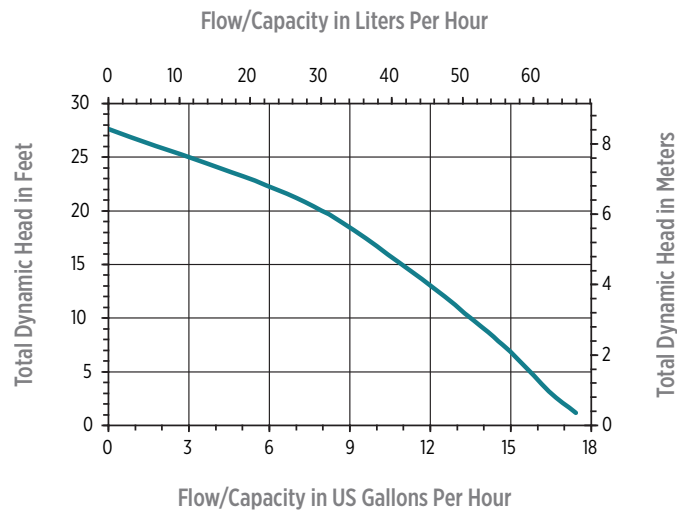
5-MD-SC SERIES - 1/8 HP

ENGINEERING DATA



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.

PERFORMANCE DATA



TE-5-MD-SC SERIES - 1/10 HP

APPLICATIONS

The Little Giant MD-SC series features leakproof, seal-less magnetic drives and are designed for in-line, non-submersible use. Volute, magnet housing and impeller are glass-filled polypropylene for excellent chemical resistance. Ceramic shaft and thrust washers are 99.5% pure alumina for excellent wear and trouble-free service. Pumping heads are easily rotated, cleaned or serviced with no special tools required. Spindle shaft is supported at both ends to prevent impeller damage during start-up and stop of pump.

FEATURES

- Thermally protected, totally enclosed permanent split capacitor motor
- Ball bearings
- 6' power cord with 3-prong plug (not installed)
- Specific gravity to 1.1
- Fluid temperature to 150°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.

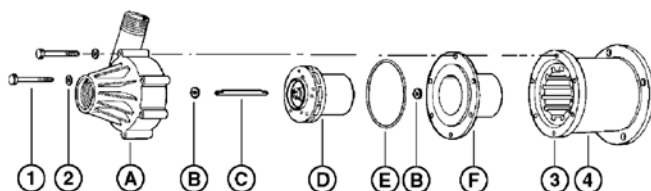


TE-5-MD-SC



SERIES SPECIFICATIONS

Model No.	Item No.	Intake Size	Discharge Size	Listing(s)	HP	Volts	Hertz	Amps	Watts	Performance (GPM@Head)					Shutoff		Power Cord (ft.)	Weight (lbs.)
										1'	3'	6'	9'	15'	Ft.	P.S.I.		
TE-5-MD-SC	584504	1" FNPT	1/2" MNPT	UR/C-CSA	1/10	115	50/60	2.3/3.0	220/325	1200	1152	1090	1020	858	29.3	12.7	6	19.00
TE-5-MD-SC	584598	1" FNPT	1/2" MNPT	Pump Head Less Motor														1.83



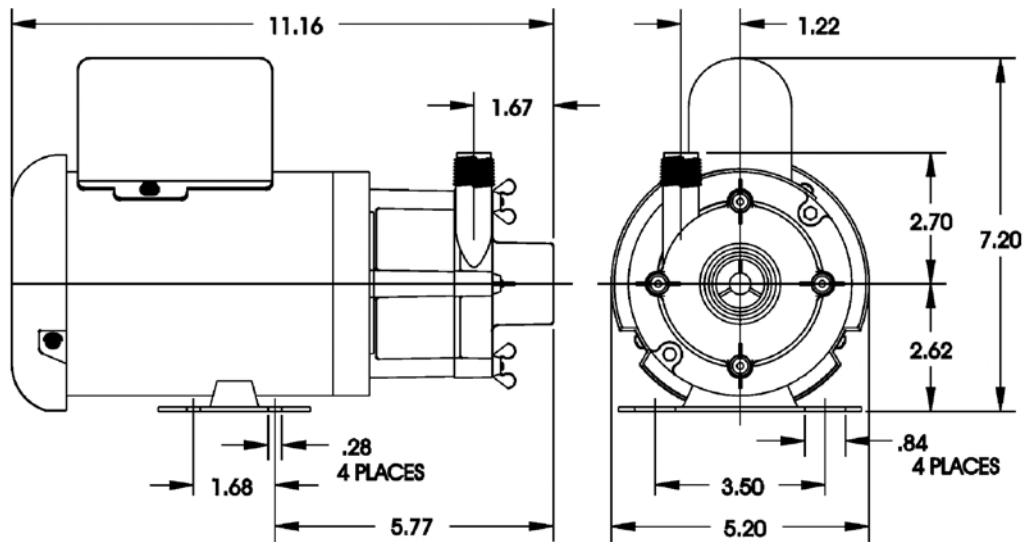
REPLACEMENT PARTS

Item	Part No.	Description
A	183065	Volute
B	924007	O-Ring
C	921077	Thrust Washer
D	183139	Impeller
E	180057	Shaft
F	182005	Housing
1	920003	Wing nut
2	911403	Stud, collared
3	182602	Drive Magnet

NOTE: Parts A-F contact fluid

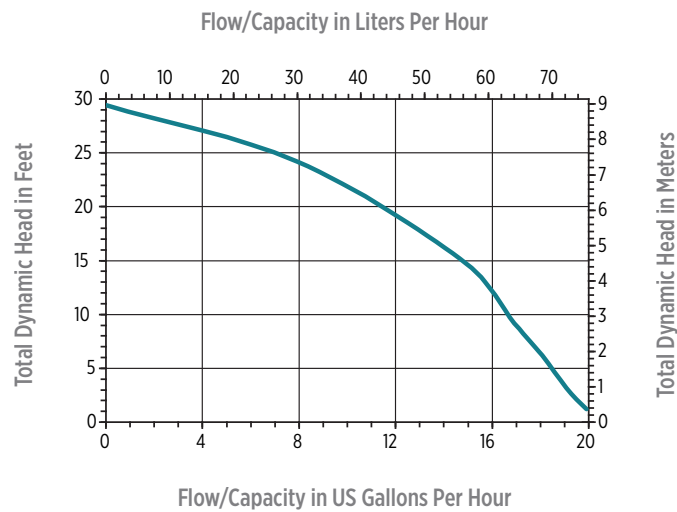
TE-5-MD-SC SERIES - 1/10 HP

ENGINEERING DATA



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.

PERFORMANCE DATA



TE-5.5-MD-SC SERIES - 1/3 HP

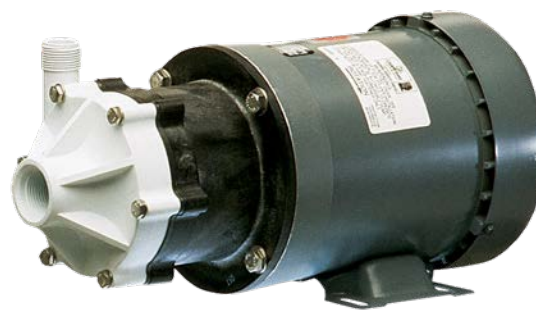
APPLICATIONS

The Little Giant MD-SC series features leakproof, seal-less magnetic drives and are designed for in-line, nonsubmersible use. Volute and impeller are glass-filled polypropylene, and magnet housing is Ryton® for excellent chemical resistance. Ceramic shaft and thrust washers are 99.5% pure alumina for excellent wear and reliable service. Pumping heads are easily rotated, cleaned or serviced with no special tools required. Spindle shaft is supported at both ends to prevent impeller damage during start-up and stop of pump.

FEATURES

- Thermally protected, totally enclosed, fan cooled, split phase motor
- Ball bearings
- Conduit box (must be field wired)
- Specific gravity to 1.1
- Fluid temperature to 150°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.

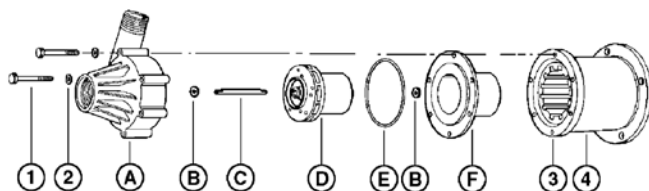


TE-5.5-MD-SC



SERIES SPECIFICATIONS

Model No.	Item No.	Intake Size	Discharge Size	Listing(s)	HP	Volts	Hertz	Amps	Watts	Performance (GPM@Head)				Shutoff		Power Cord (ft.)	Weight (lbs.)
										5'	10'	20'	30'	Ft.	P.S.I.		
TE-5.5-MD-SC	585504	1" FNPT	3/4" MNPT	UR/C-CSA	1/3	115	50/60	5.6/5.0	340/525	32	30	26	19	40.5	17.5	N/A	27.00
						230	50/60	2.8/2.5	340/525								
TE-5.5-MD-SC	585598	1" FNPT	3/4" MNPT	Pump Head Less Motor													7.00



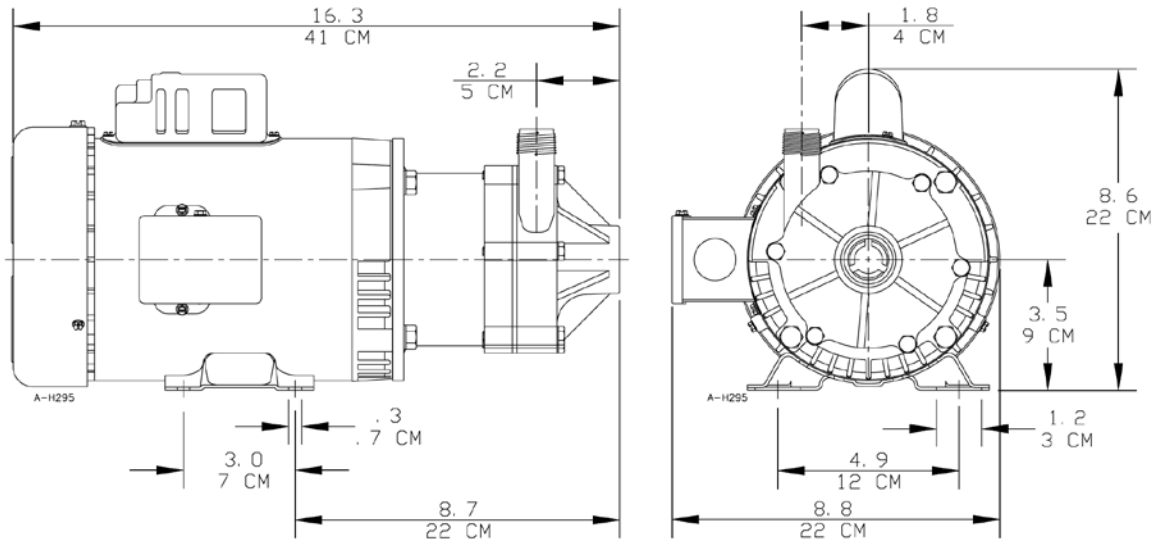
REPLACEMENT PARTS

Item	Part No.	Description
A	185110	Volute, GF Polypropylene
B	187085	Thrust Washer, Ceramic
C	185100	Shaft, Ceramic
D	185128	Impeller, GF Polypro/Carbon
E	924016	O-Ring, Viton®
F	185181	Backplate, Ryton®
1	903712	Bolt
2	921050	Washer
3	185172	Drive Magnet
4	185162	Magnet Housing

NOTE: Parts A-F contact fluid

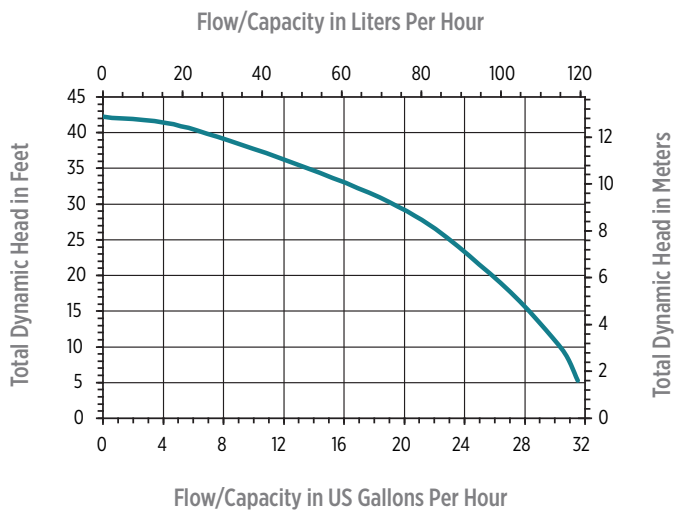
TE-5.5-MD-SC SERIES - 1/3 HP

ENGINEERING DATA



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.

PERFORMANCE DATA



TE-6-MD-SC SERIES - 1/2 HP

APPLICATIONS

The Little Giant MD-SC series features leakproof, seal-less magnetic drives and are designed for in-line, nonsubmersible use. Volute and impeller are glass-filled polypropylene for excellent chemical resistance. Ceramic shaft and thrust washers are 99.5% pure alumina for excellent wear and trouble-free service. Pumping heads are easily rotated, cleaned or serviced. Spindle shaft is supported at both ends to prevent impeller damage during start-up and stop of pump.

FEATURES

- Thermally protected, totally enclosed, fan cooled, split phase motor
- Ball bearings
- Conduit box (must be field wired)
- Specific gravity to 1.1
- Fluid temperature to 135°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.

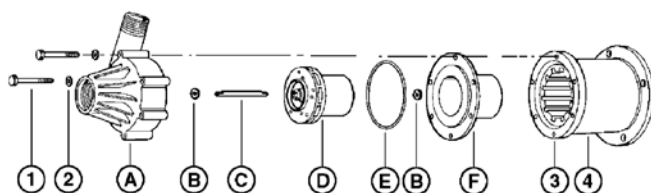


TE-6-MD-SC



SERIES SPECIFICATIONS

Model No.	Item No.	Intake Size	Discharge Size	Listing(s)	HP	Volts	Hertz	Amps	Watts	Performance (GPM@Head)					Shutoff		Power Cord (ft.)	Weight (lbs.)
										5'	10'	20'	30'	40'	Ft.	P.S.I.		
TE-6-MD-SC	586504	1" FNPT	3/4" MNPT	UR/C-CSA	1/2	115	50/60	11.6/9.4	640/835	38	36.7	31.7	28.3	21.7	51	22.0	N/A	29.00
						230	50/60	5.8/4.7	640/835									
TE-6-MD-SC	586598	1" FNPT	3/4" MNPT	Pump Head Less Motor														6.90



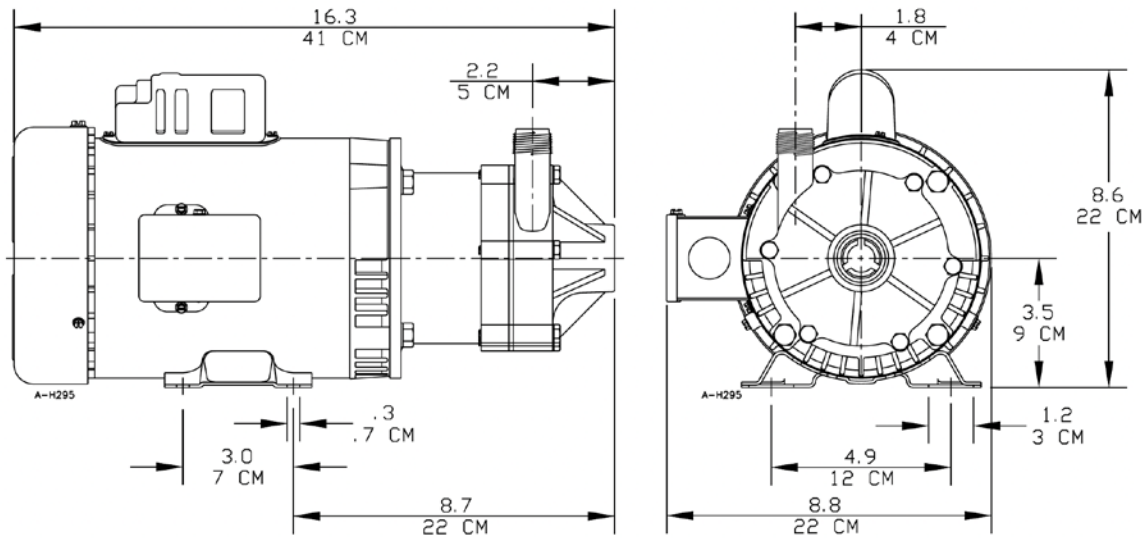
REPLACEMENT PARTS

Item	Part No.	Description
A	185115	Volute, GF Polypropylene
B	187085	Thrust Washer, Ceramic
C	185100	Shaft, Ceramic
D	185148	Impeller/Bushing, GF Polypro/Carbon
E	924016	O-Ring, Viton®
F	185181	Backplate, Ryton®
1	903712	Bolt
2	921050	Washer
3	185172	Drive Magnet
4	185162	Magnet Housing

NOTE: Parts A-F contact fluid

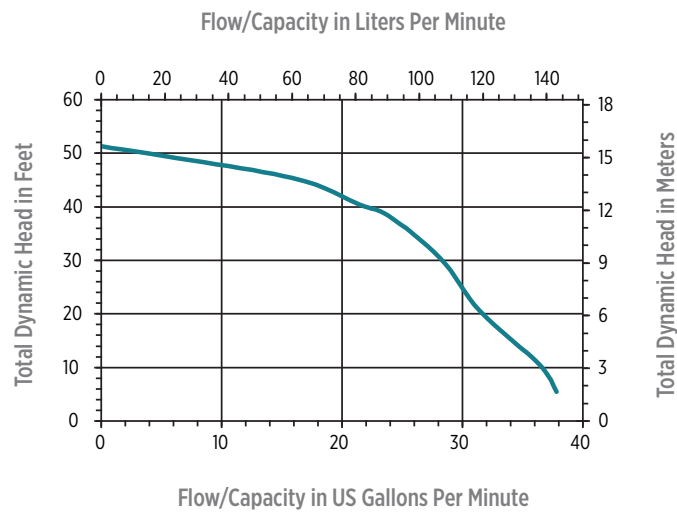
TE-6-MD-SC SERIES - 1/2 HP

ENGINEERING DATA



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.

PERFORMANCE DATA



TE-7-MD-SC SERIES - 3/4 HP

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

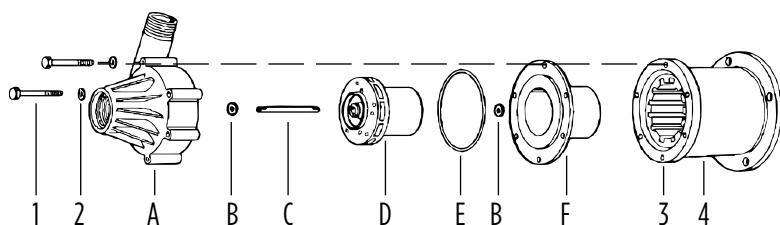
- Non-submersible for in-line use only
- Thermally protected, totally enclosed, fan cooled, capacitor start motor
- Ball bearings
- Conduit box (must be field wired—cord not included)
- Specific gravity to 1.1
- Fluid temperature to 200 °F
- Ambient air temperature to 77 °F
- Run-dry capability up to 8 hours

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



SERIES SPECIFICATIONS

Item No.	Model	HP	Volts	Hz	Amps	Watts	Suction	Discharge	GPM per Minute @ Height (60 Hz)					Shut-Off		Cord	Weight
									1'	10'	25'	40'	50'	ft	PSI		
587010	TE-7-MD-SC	3/4	115	50/60	10.4/11.8	1080/1230	1-1/2" FNPT	1" MNPT	53	46.7	40	30.8	21.6	58.9	25.5	-	40.00 lbs
			230	50/60	5.2/5.9	1080/1230											
587040	TE-7-MD-SC	3/4	230	50/60	2.4/2.9	1080/1230	1-1/2" FNPT	1" MNPT	53	46.7	40	30.8	21.6	58.9	25.5	-	40.00 lbs
	3-Phase		460	50/60	1.2/1.5	1080/1230											
587103	TE-7-MD-SC	Pump Head Less Motor					1-1/2" FNPT	1" MNPT	-	-	-	-	-	-	-	-	8.00 lbs



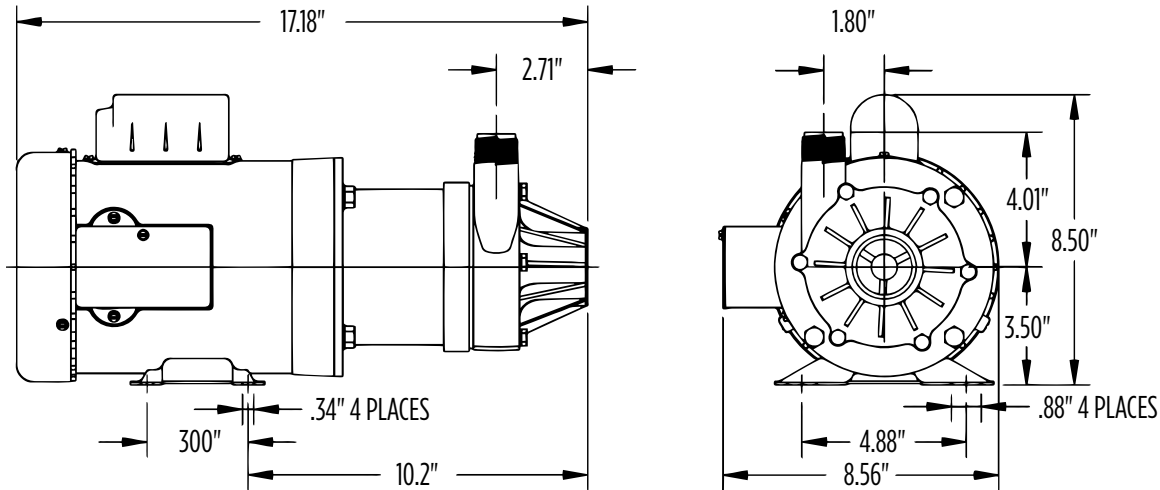
REPLACEMENT PARTS

Item	Part No.	Description
A	187005	Volute
B	187085	Thrust washer
C	187056	Shaft
D	187172	Impeller/Bushing
E	924016	O-ring
F	187023	Backplate
1	903712	Bolt
2	921050	Washer
3	187121	Drive magnet
4	187073	Magnet housing

NOTE: Parts A-F contact fluid

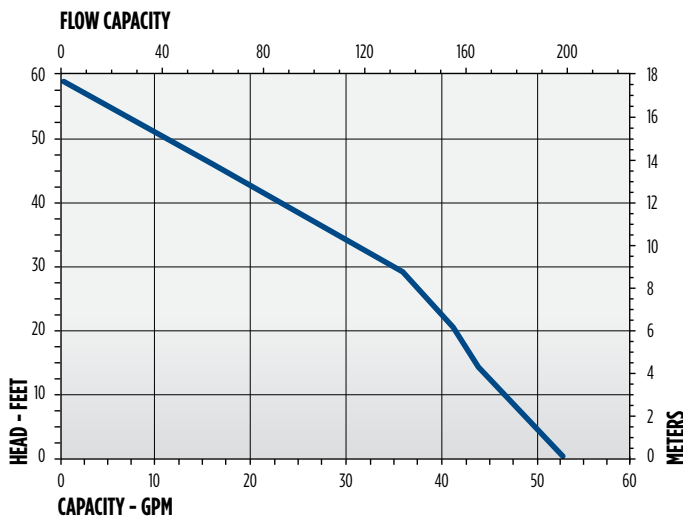
TE-7-MD-SC - 3/4 HP

ENGINEERING DATA



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.

PERFORMANCE DATA



CONSTRUCTION

Motor Housing	PPS
Impeller Material	PPS w/carbon bushing
Volute	PPS
Motor Shaft	Ceramic
Thrust Washers	Ceramic
O-ring	FKM



2-MD-HC SERIES - 1/30 HP

APPLICATIONS

The Little Giant MD-HC series features leakproof, seal-less magnetic drives and are designed for in-line, non-submersible use. Volute, magnet housing and impeller are glass-filled Ryton® for excellent chemical resistance. Ceramic shaft and thrust washers are 99.5% pure alumina for excellent wear and trouble-free service. Pumping heads are easily rotated, cleaned or serviced with no special tools required. Spindle shaft is supported at both ends to prevent impeller damage during start-up and stop of pump.

FEATURES

- Thermally protected, open, fan-cooled motor
- Sleeve bearings
- 6' power cord with 3-prong plug (no plug on 230V)
- 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.

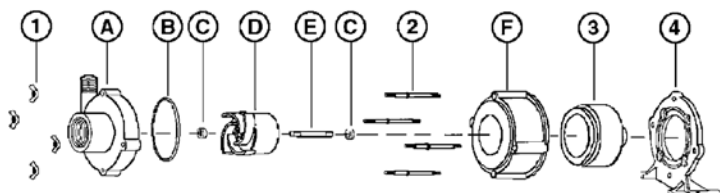


2-MD-SC



SERIES SPECIFICATIONS

Model No.	Item No.	Intake Size	Discharge Size	Listing(s)	HP	Volts	Hertz	Amps	Watts	Performance (GPH@Head)				Shutoff		Power Cord (ft.)	Weight (lbs.)
										5'	10'	20'	30'	Ft.	P.S.I.		
2-MD-HC	580603	1/2" FNPT	1/2" MNPT	UR/C-CSA	1/30	115	60	1.7	105	510	465	410	330	14.6	6.3	6	7.00
2-MD-HC	580613	1/2" FNPT	1/2" MNPT	UR/C-CSA	1/30	230	50/60	.65/.64	105/100	510	465	410	330	14.6	6.3	6	7.00
2-MD-HC	580698	1/2" FNPT	1/2" MNPT	Pump Head Less Motor													1.83



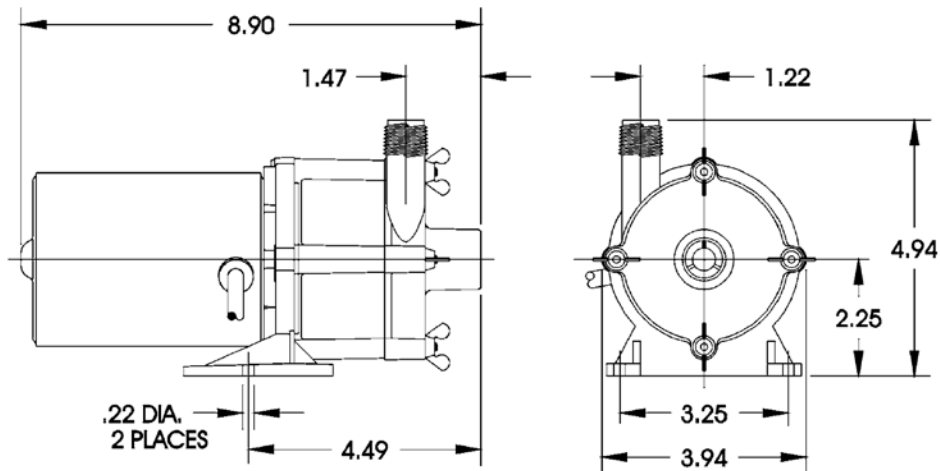
REPLACEMENT PARTS

Item	Part No.	Description
A	180080	Volute
B	924008	O-Ring
C	921077	Thrust washer
D	180110	Impeller
E	180059	Shaft
F	180005	Housing
1	920003	Wing nut
2	911403	Stud, collared
3	180602	Drive Magnet
4	180042	Mounting bracket (115V)
4	180048	Mounting bracket (230V)

NOTE: Parts A-F contact fluid

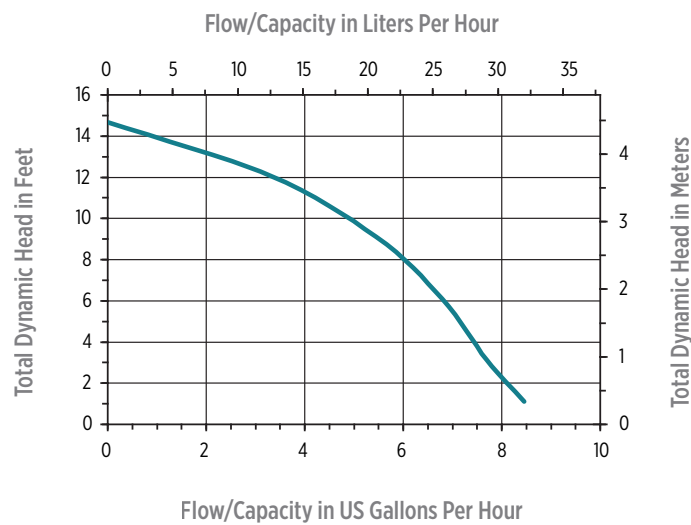
2-MD-HC SERIES - 1/30 HP

ENGINEERING DATA



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.

PERFORMANCE DATA



3-MD-MT-HC SERIES - 1/25 HP

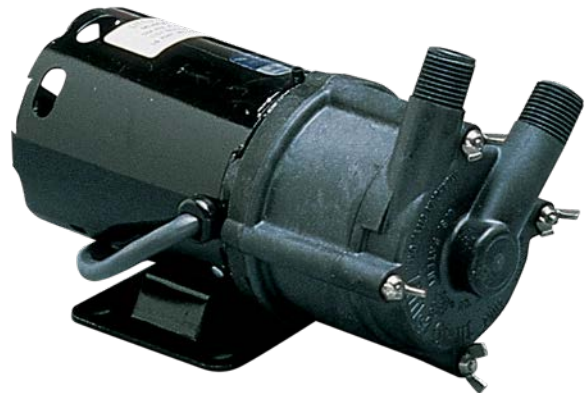
APPLICATIONS

The Little Giant MD-HC series features leakproof, seal-less magnetic drives and are designed for in-line, non-submersible use. Volute, magnet housing and impeller are glass-filled Ryton® for excellent chemical resistance. Ceramic shaft and thrust washers are 99.5% pure alumina for excellent wear and trouble-free service. Pumping heads are easily rotated, cleaned or serviced with no special tools required. Spindle shaft is supported at both ends to prevent impeller damage during start-up and stop of pump.

FEATURES

- Thermally protected, open, fan-cooled motor
- Sleeve bearings
- 6' power cord with 3-prong plug
- Specific gravity to 1.1
- Fluid temperature to 200°F
- Ambient air temperature to 77°F
- Run-dry capability up to 8 hours

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

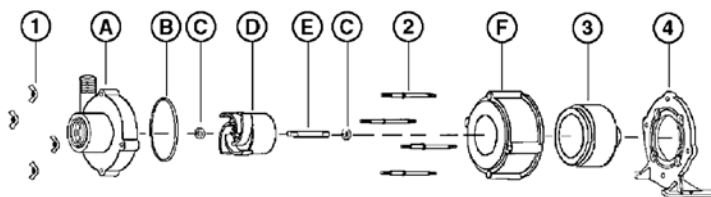


3-MD-MT-HC



SERIES SPECIFICATIONS

Model No.	Item No.	Intake Size	Discharge Size	Listing(s)	HP	Volts	Hertz	Amps	Watts	Performance (GPM@Head)					Shutoff		Power Cord (ft.)	Weight (lbs.)
										1'	3'	6'	9'	15'	Ft.	P.S.I.		
3-MD-MT-HC	578603	1/2" FNPT	1/2" MNPT	UR/C-CSA	1/25	115	60	1.3	94	8.3	7.6	7.1	5.9	1.7	16.2	7.0	6	7.20
3-MD-MT-HC	578697	1/2" FNPT	1/2" MNPT	Pump Head Less Motor														2.00



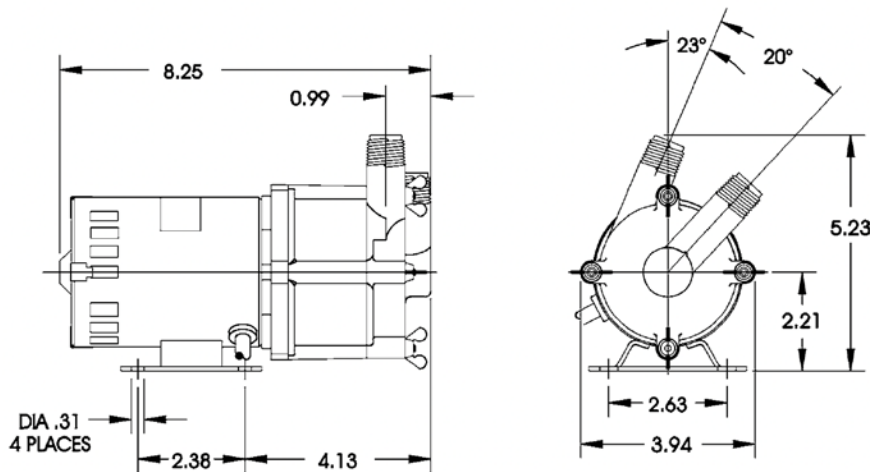
REPLACEMENT PARTS

Item	Part No.	Description
A	181202	Volute
B	924008	O-Ring
C	921077	Thrust washer
D	181142	Impeller
E	180059	Shaft
F	180005	Housing
1	920003	Wing nut
2	911403	Stud, collared
3	180602	Drive Magnet
4	180042	Mounting bracket without base

NOTE: Parts A-F contact fluid

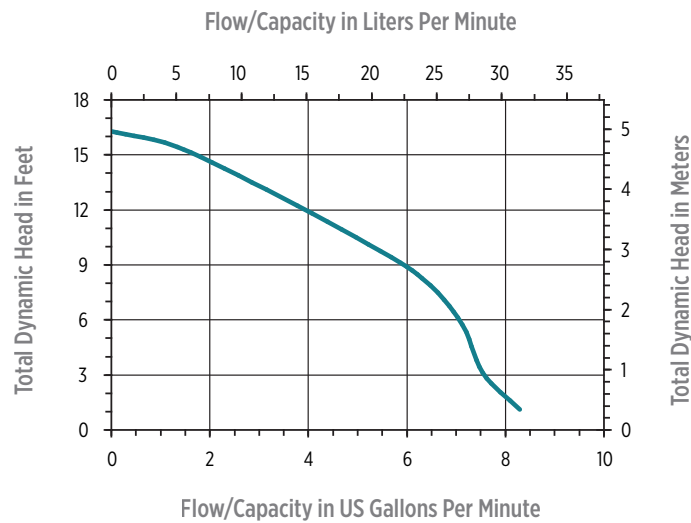
3-MD-MT-HC SERIES - 1/25 HP

ENGINEERING DATA



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.

PERFORMANCE DATA



TE-3-MD-HC SERIES - 1/25 HP

APPLICATIONS

Operating reliability and flexibility are the hallmarks of the Little Giant TE-3-MD-HC Series chemical transfer pumps. Typical industrial applications include corrosive solutions and solvents with high abrasive concentrations. This pump also features a 1/25 hp enclosed, fan-cooled (TEFC) motor for added safety and heavy-duty performance.

FEATURES

- 1/25 hp TEFC motor
- Glass-filled polyphenylene sulfide magnet housing and volute
- 1.1 specific gravity
- Fluoroelastomer (FKM) O-ring
- Ceramic thrust washers and shaft
- Run dry capability up to 8 hours



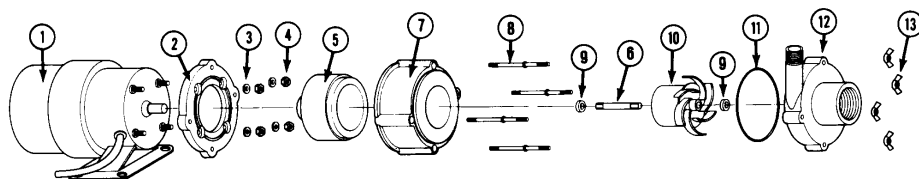
TE-3-MD-HC



SERIES SPECIFICATIONS

Model No.	Item No.	Discharge	HP	Volts	Hertz	Amps	Watts	Performance (GPM@Head)					Flow Rate at 1'	Shutoff	
								1'	3'	6'	9'	15'		Ft.	m
TE-3-MD-HC	581614	1/2" MNPT	1/25	230	50/60	1.3	107	9.8	9.2	8.1	6.5	2.6	9.75	16.3	4.97
TE-3-MD-HC	581604	1/2" MNPT	1/25	115	60	1.3	107	9.8	9.2	8.1	6.5	2.6	9.75	16.3	4.97

NOTE: Parts A-F contact fluid

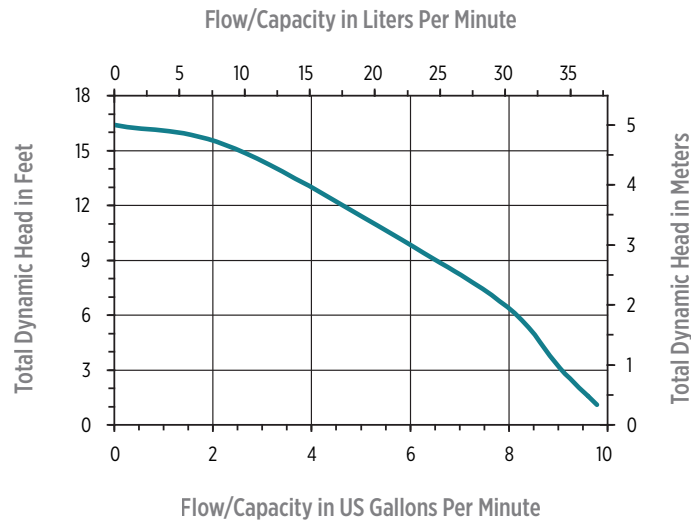


REPLACEMENT PARTS

Item	Part No.	Description
1	977339	Motor, 115 volt
	977915	Motor, 230 volt
2	180042	Adaptor, w/base
3	921075	Washer, flat, #8
4	920006	Nut, hex, #8-32
5	182602	Drive magnet assembly
6	180057	Shaft, ceramic
7	182006	Housing, magnet
8	911403	Stud, collared
9	921077	Washer, thrust
10	181148	Impeller w/bushing assy.
	181151	Impeller w/mica bushing
11	924008	O-ring, FLUORELASTOMER (fkm)
12	180080	Volute
13	920003	Nut, wing #8-32

TE-3-MD-HC SERIES - 1/25 HP

PERFORMANCE DATA



3-MD-HC SERIES - 1/12 HP

APPLICATIONS

The Little Giant MD-HC series features leakproof, seal-less magnetic drives and are designed for in-line, non-submersible use. Volute, magnet housing and impeller are glass-filled Ryton® for excellent chemical resistance. Ceramic shaft and thrust washers are 99.5% pure alumina for excellent wear and trouble-free service. Pumping heads are easily rotated, cleaned or serviced with no special tools required. Spindle shaft is supported at both ends to prevent impeller damage during start-up and stop of pump.

FEATURES

- Thermally protected, open, fan-cooled motor
- Ball bearings
- 6' power cord with 3-prong plug (no plug on 230V)
- Specific gravity to 1.1
- Fluid temperature to 200°F
- Ambient air temperature to 77°F
- Run-dry capability up to 8 hours

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

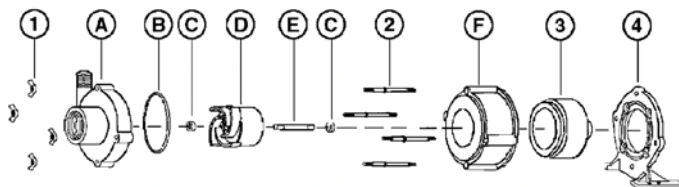


3-MD-HC



SERIES SPECIFICATIONS

Model No.	Item No.	Intake Size	Discharge Size	Listing(s)	HP	Volts	Hertz	Amps	Watts	Performance (GPM@Head)					Shutoff		Power Cord (ft.)	Weight (lbs.)
										1'	3'	6'	9'	15'	Ft.	P.S.I.		
3-MD-HC	581603	3/4" FNPT	1/2" MNPT	UR/C-CSA	1/12	115	60	2.4	180	12.5	11.5	11.1	10	7.1	21.9	9.5	6	8.80
3-MD-HC	581613	3/4" FNPT	1/2" MNPT	UR/C-CSA	1/12	230	60	1.2	181	12.5	11.5	11.1	10	7.1	21.9	9.5	6	8.80
3-MD-HC	578697	3/4" FNPT	1/2" MNPT	Pump Head Less Motor														2.30



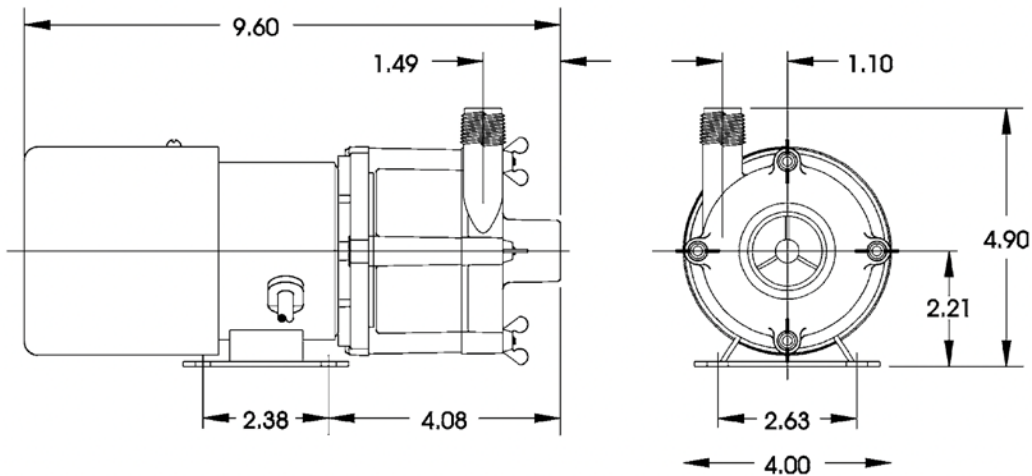
REPLACEMENT PARTS

Item	Part No.	Description
A	181204	Volute
B	924008	O-Ring
C	921077	Thrust washer
D	181143	Impeller/Bushing
E	180057	Shaft
F	182006	Housing
1	920003	Wing nut
2	911403	Stud, collared
3	180602	Drive Magnet
4	180048	Mounting Bracket

NOTE: Parts A-F contact fluid

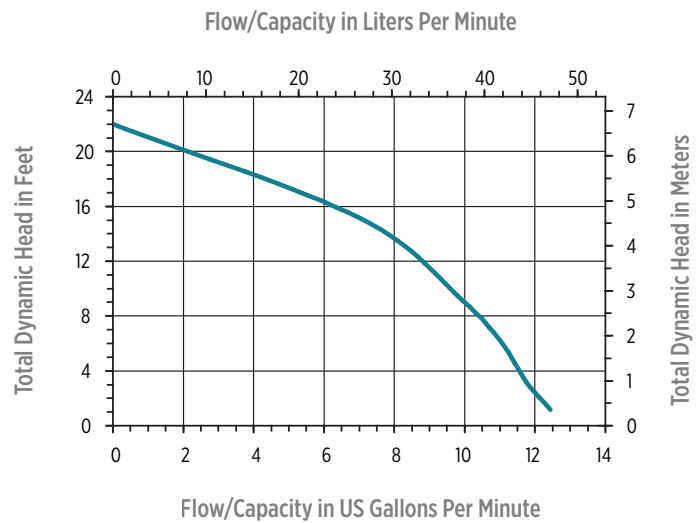
3-MD-HC SERIES - 1/12 HP

ENGINEERING DATA



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.

PERFORMANCE DATA



4-MD-HC SERIES - 1/25 HP

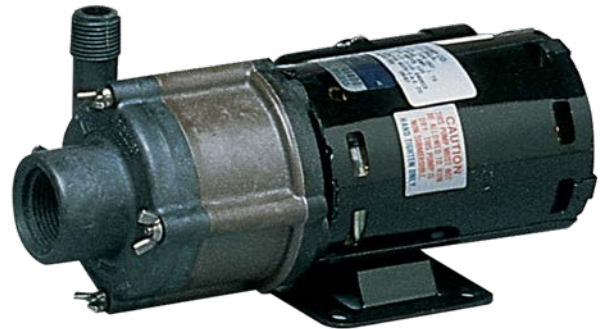
APPLICATIONS

The Little Giant MD-HC series features leakproof, seal-less magnetic drives and are designed for in-line, non-submersible use. Volute, magnet housing and impeller are glass-filled Ryton® for excellent chemical resistance. Ceramic shaft and thrust washers are 99.5% pure alumina for excellent wear and trouble-free service. Pumping heads are easily rotated, cleaned or serviced with no special tools required. Spindle shaft is supported at both ends to prevent impeller damage during start-up and stop of pump.

FEATURES

- Thermally protected, open, fan cooled, split capacitor motor
- Sleeve bearings
- 6' power cord with 3-prong plug
- Specific gravity to 1.1
- Fluid temperature to 200°F
- Ambient air temperature to 77°F
- Run-dry capability up to 8 hours

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

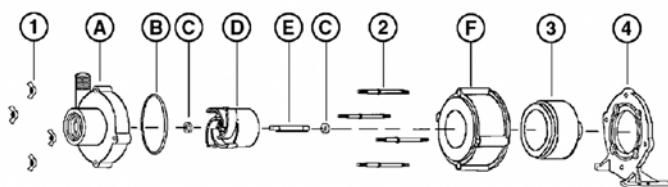


4-MD-HC



SERIES SPECIFICATIONS

Model No.	Item No.	Intake Size	Discharge Size	Listing(s)	HP	Volts	Hertz	Amps	Watts	Performance (GPM@Head)					Shutoff		Power Cord (ft.)	Weight (lbs.)
										1'	3'	6'	9'	15'	Ft.	P.S.I.		
4-MD-HC	578603	1/2" FNPT	1/2" MNPT	UR/C-CSA	1/25	115	60	1.3	94	8.3	7.6	7.1	5.9	1.7	16.2	7.0	6	7.20
4-MD-HC	578697	1/2" FNPT	1/2" MNPT	Pump Head Less Motor														2.00



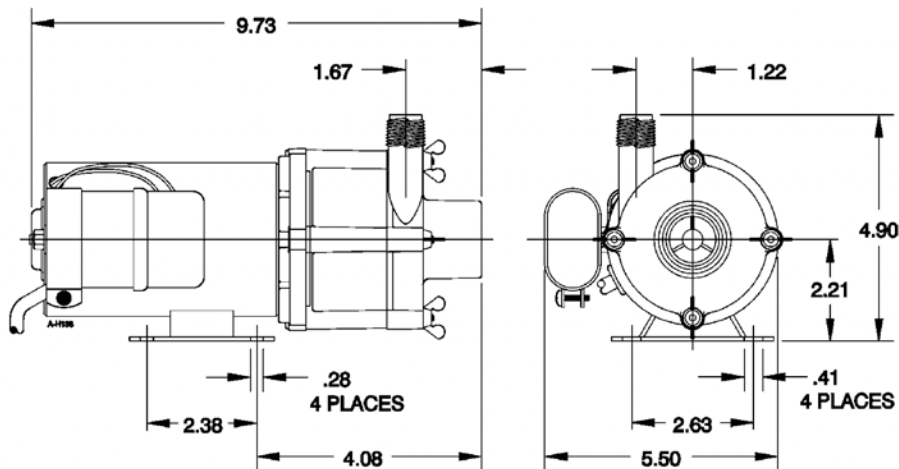
REPLACEMENT PARTS

Item	Part No.	Description
A	182011	Volute
B	924008	O-Ring
C	921077	Thrust washer
D	182134	Impeller/Bushing
E	180057	Shaft
F	182006	Housing
1	920003	Wing nut
2	911403	Stud, collared
3	180602	Drive Magnet
4	180048	Mounting Bracket

NOTE: Parts A-F contact fluid

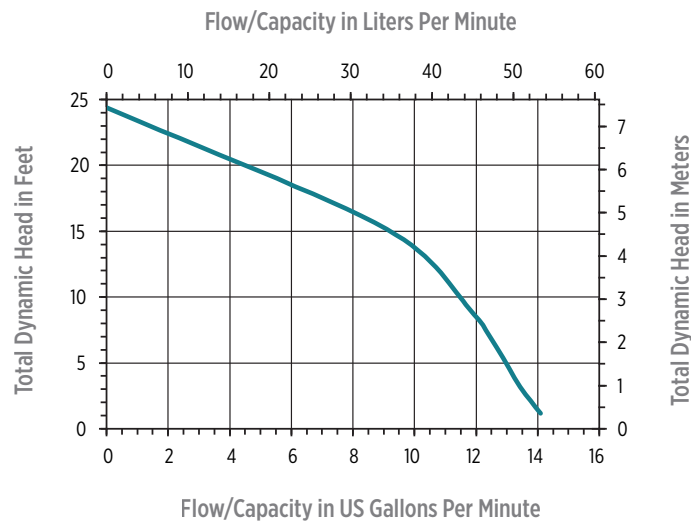
4-MD-HC SERIES - 1/25 HP

ENGINEERING DATA



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.

PERFORMANCE DATA



TE-4-MD-HC SERIES - 1/10 HP

APPLICATIONS

When it comes to choosing a chemical transfer pump, it's all about compatibility with the fluids you will be pumping. From highly corrosive acids solutions and solvents to sterile solutions and other abrasives, the TE-4-MD-HC is ideal for heavy use and is a steady performer in the effortless transfer of highly corrosive fluids.

FEATURES

- 1/10 hp open TEFC PSC motor
- Glass-filled polyphenylene sulfide magnet housing and volute
- 1.1 specific gravity
- Fluoroelastomer (FKM) O-ring
- Ceramic thrust washers and shaft
- Run dry capability up to 8 hours



TE-4-MD-HC



SERIES SPECIFICATIONS

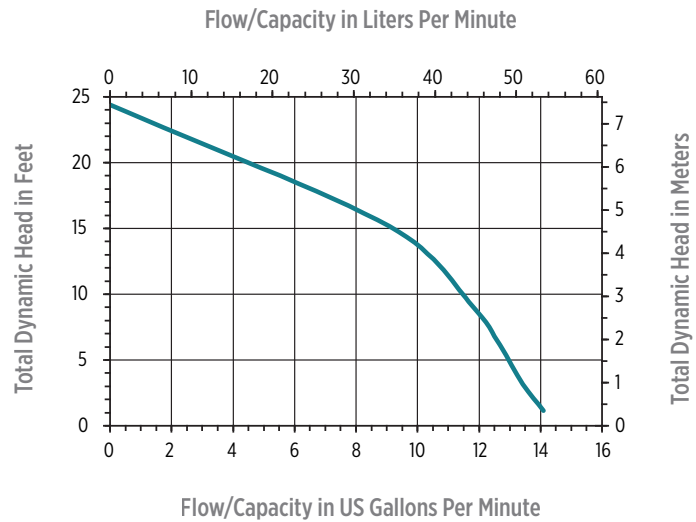
Model No.	Item No.	Discharge	HP	Hertz	Amps	Watts	Volts	Performance (GPM@Head)					Shutoff	
								1'	3'	6'	9'	15'	Ft.	m
TE-4	582604	1/2" MNPT	1/10	60	1.7	178	115	14.2	13.5	12.8	11.8	9.2	24.3	7.41
TE-4-MD-HC	582614	1/2" MNPT	1/10	50/60	1.7	178	230	14.2	13.5	12.8	11.8	9.2	24.3	7.41

REPLACEMENT PARTS

Item	Part No.	Description
1	977460	Motor, 115 volt
	977860	Motor, 230 volt
2	180048	Adaptor
3	921075	Washer, #8 flat
4	901424	Screw, mach
5	183602	Drive magnet assembly
6	180057	Shaft, impeller
7	182006	Housing, magnet
8	911403	Stud, collared
9	921077	Washer, thrust
10	182134	Impeller w/bushing assembly
	182156	Impeller assy. W/mica bushing
11	924008	O-ring (FLUOROELASTOMER (fkm))
12	920003	Nut, wing #8-32
13	182011	Volute
14	900357101	Ptfe tape (not shown)

TE-4-MD-HC SERIES - 1/10 HP

PERFORMANCE DATA



5-MD-HC SERIES - 1/8 HP

APPLICATIONS

The Little Giant MD-HC series features leakproof, seal-less magnetic drives and are designed for in-line, non-submersible use. Volute, magnet housing and impeller are glass-filled Ryton® for excellent chemical resistance. Ceramic shaft and thrust washers are 99.5% pure alumina for excellent wear and trouble-free service. Pumping heads are easily rotated, cleaned or serviced with no special tools required. Spindle shaft is supported at both ends to prevent impeller damage during start-up and stop of pump.

FEATURES

- Non-submersible for in-line use only
- Thermally protected, open, fan cooled, permanent split capacitor motor
- Sleeve bearings
- 6' power cord with 3-prong plug (no plug on 230 V)
- Specific gravity to 1.1
- Fluid temperature to 200 °F
- Ambient air temperature to 77 °F
- Run-dry capability up to 8 hours

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



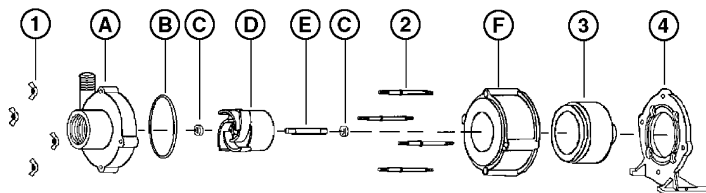
5-MD-HC



SERIES SPECIFICATIONS

Model No.	Item No.	HP	Volts	Hertz	Amps	Watts	Intake Size	Discharge Size	Performance (GPM @ Head, 60 Hz)						Shut Off		Power Cord (ft.)	Weight (lbs.)
									1'	3'	6'	9'	15'	21'	Feet	PSI		
5-MD-HC	583603	1/8	115	50/60	2.0	240	1" FNPT	1/2" MNPT	17.5	16.5	15.3	14	10.9	7.1	27.5	11.9	6	9.5
5-MD-HC	583613*	1/8	230	50/60	0.9/0.9	194/180	1" FNPT	1/2" MNPT	17.5	16.5	15.3	14	10.9	7.1	27.5	11.9	6	9.5
5-MD-HC	583698	Pump Head Less Motor						1" FNPT	1/2" MNPT									3

* No plug



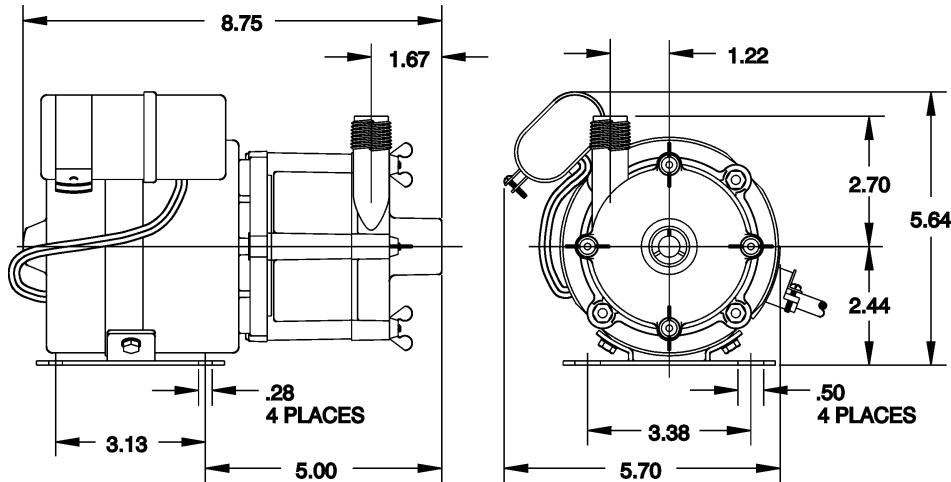
REPLACEMENT PARTS

Item	Part Number	Description
A	183066	Volute
B	924008	O-ring
C	921077	Thrust washer
D	183141	Impeller/Bearing
E	180057	Shaft
F	182006	Housing
1	920003	Wing nut
2	911403	Stud, collared
3	183602	Drive magnet
4	183037	Mousing bracket

NOTE: Parts A-F contact fluid

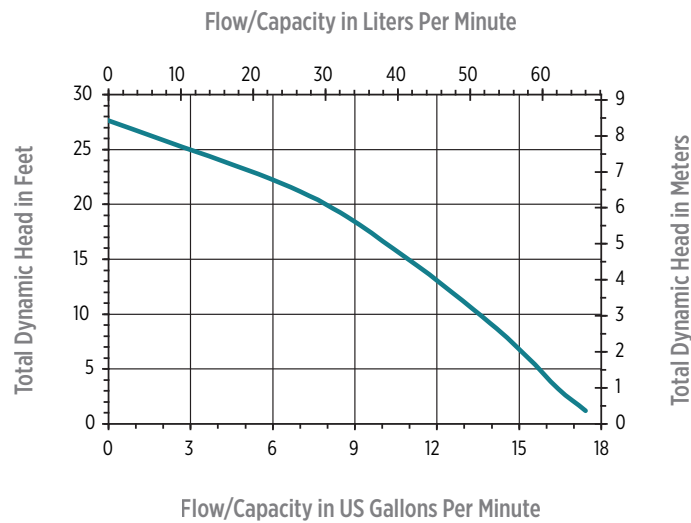
5-MD-HC SERIES - 1/8 HP

ENGINEERING DATA



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.

PERFORMANCE DATA



TE-5-MD-HC SERIES - 1/8 HP

APPLICATIONS

The Little Giant MD-HC series features leakproof, seal-less magnetic drives and are designed for in-line, non-submersible use. Volute, magnet housing and impeller are glass-filled Ryton® for excellent chemical resistance. Ceramic shaft and thrust washers are 99.5% pure alumina for excellent wear and trouble-free service. Pumping heads are easily rotated, cleaned or serviced with no special tools required. Spindle shaft is supported at both ends to prevent impeller damage during start-up and stop of pump.

FEATURES

- Thermally protected, totally enclosed, fan cooled, permanent split capacitor motor
- Ball bearings
- 6' power cord with 3-prong plug (not installed)
- Specific gravity to 1.1
- Fluid temperature to 200°F
- Ambient air temperature to 77°F
- Run-dry capability up to 8 hours

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

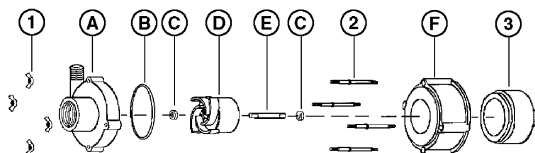


TE-5-MD-HC



SERIES SPECIFICATIONS

Item No.	Model No.	HP	Volts	Hz	Amps	Watts	Intake Size	Discharge Size	Performance (GPM @ Head, 60 Hz)					Shut Off		Cord	Weight
									1'	3'	6'	9'	15'	Feet	PSI		
584604	TE-5-MD-HC	1/8	115	50/60	1.8/3	220/325	1" FNPT	1/2" MNPT	20	19.2	18.2	17	14.8	29.3	12.7	6	16
			230	50/60	1.4/1.4	220/325	1" FNPT	1/2" MNPT	20	19.2	18.2	17	14.8	29.3	12.7		
584698	TE-5-MD-HC	Pump Head Less Motor															7



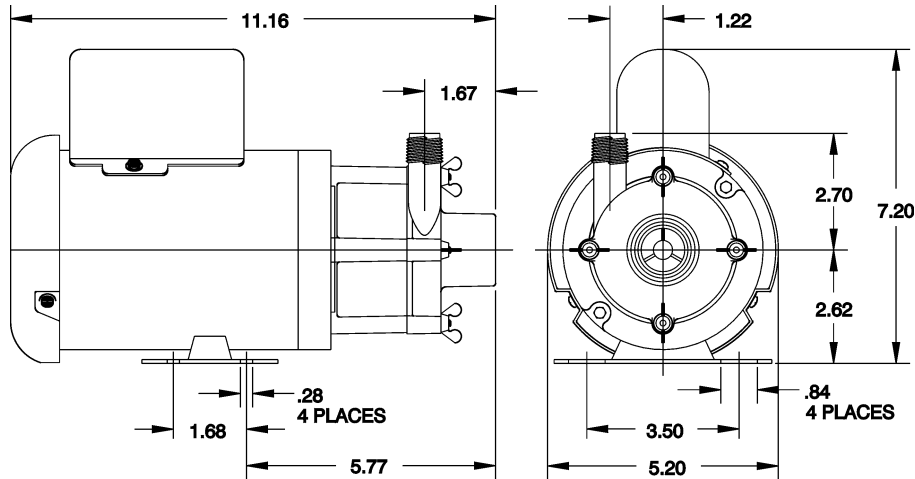
REPLACEMENT PARTS

Item	Part No.	Description
A	183066	Volute
B	924008	O-ring
C	921077	Thrust washer
D	183141	Impeller/Bushing
E	180057	Shaft
F	182006	Housing
1	920003	Wing nut
2	911403	Stud, collared
3	183602	Drive magnet

NOTE: Parts A-F contact fluid

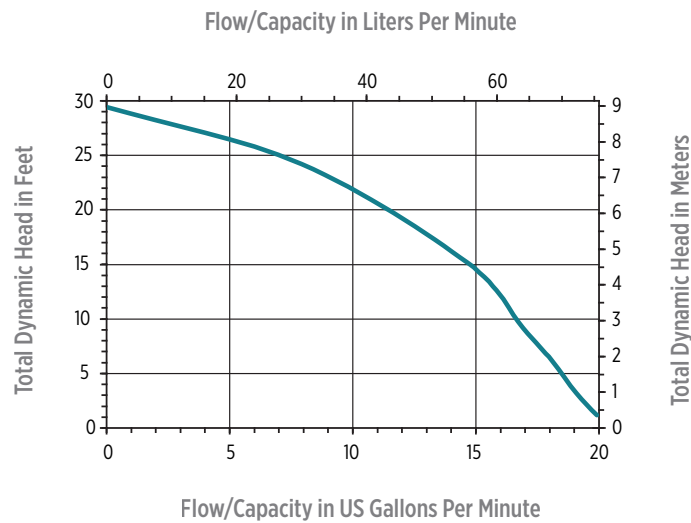
TE-5-MD-HC SERIES - 1/8 HP

ENGINEERING DATA



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.

PERFORMANCE DATA



TE-5.5-MD-HC SERIES - 1/3 HP

APPLICATIONS

The Little Giant MD-HC series features leakproof, seal-less magnetic drives and are designed for in-line, nonsubmersible use. Volute, magnet housing and impeller are glass-filled Ryton® for excellent chemical resistance. Ceramic shaft and thrust washers are 99.5% pure alumina for excellent wear and reliable service. Pumping heads are easily rotated, cleaned or serviced. Spindle shaft is supported at both ends to prevent impeller damage during start-up and stop of pump.

FEATURES

- 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 180°F
- Ambient air temperature to 77°F
- Run-dry capability up to 8 hours

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

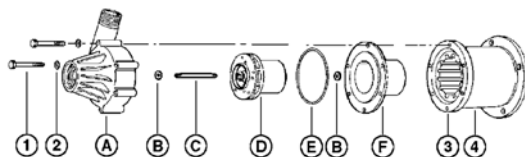


TE-5.5-MD-HC



SERIES SPECIFICATIONS

Model No.	Item No.	Intake Size	Discharge Size	Listing(s)	HP	Volts	Hertz	Amps	Watts	Performance (GPM@Head)					Shutoff		Power Cord (ft.)	Weight (lbs.)
										5'	10'	20'	30'	40'	Ft.	P.S.I.		
TE-5.5-MD-HC	585604	1" FNPT	3/4" MNPT	UR/C-CSA	1/3	115	50/60	5.6/5.0	340/525	32	30	26	19	6	40.5	17.5	N/A	28.00
TE-5.5-MD-HC	585698	1" FNPT	3/4" MNPT	Pump Head Less Motor														7.00



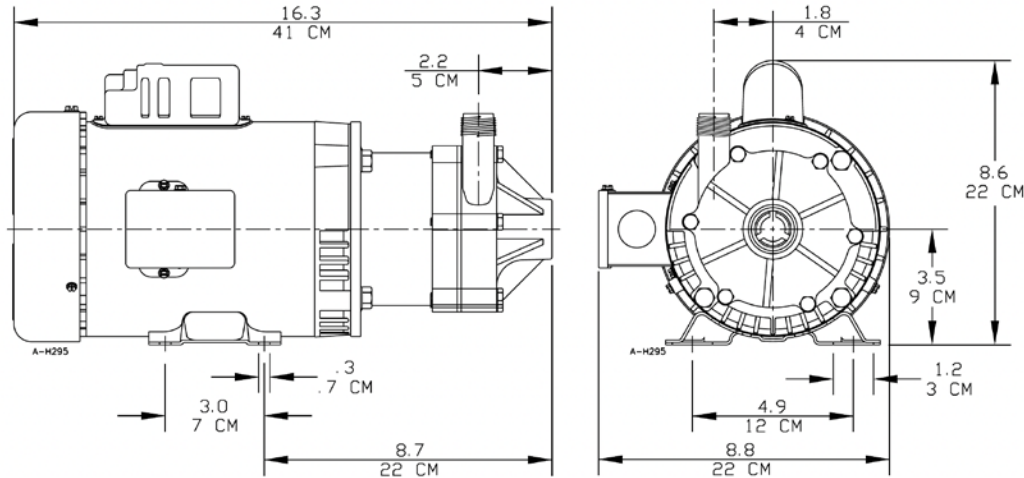
REPLACEMENT PARTS

Item	Part No.	Description
A	185112	Volute
B	187085	Thrust Washer
C	185100	Shaft
D	185138	Impeller/Bushing
E	924016	O-ring
F	185181	Backplate
1	903712	Bolt
2	921050	Washer
3	185172	Drive magnet
4	185162	Magnet Housing

NOTE: Parts A-F contact fluid

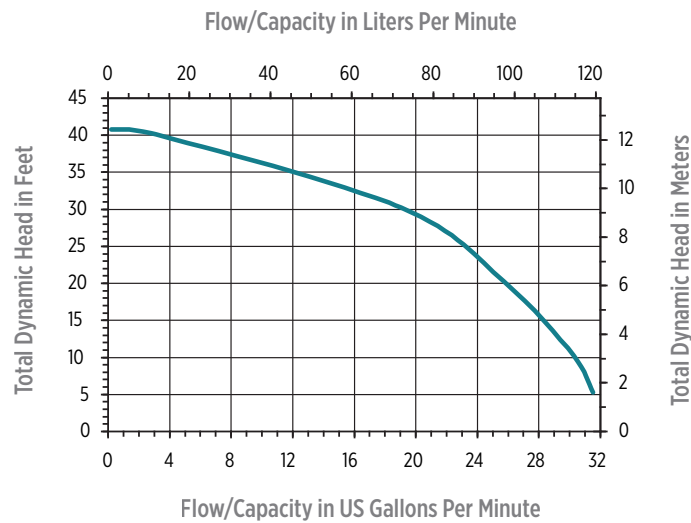
TE-5.5-MD-HC SERIES - 1/3 HP

ENGINEERING DATA



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.

PERFORMANCE DATA



TE-6-MD-HC SERIES - 1/2 HP

APPLICATIONS

The Little Giant MD-HC series features leakproof, seal-less magnetic drives and are designed for in-line, nonsubmersible use. Volute, magnet housing and impeller are glass-filled Ryton® for excellent chemical resistance. Ceramic shaft and thrust washers are 99.5% pure alumina for excellent wear and reliable service. Pumping heads are easily rotated, cleaned or serviced. Spindle shaft is supported at both ends to prevent impeller damage during start-up and stop of pump.

FEATURES

- Thermally protected, totally enclosed, fan cooled, split phase motor
- Ball bearings
- Conduit box (cord not included — must be field wired)
- Specific gravity to 1.1
- Fluid temperature to 180°F
- Ambient air temperature to 77°F
- Run-dry capability up to 8 hours

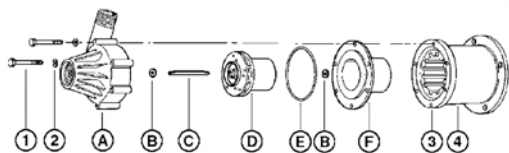
NOTE: Consult your local distributor or the factory for applications with higher ambient temperatures, specific gravities and viscosities.



TE-6-MD-HC

SERIES SPECIFICATIONS

Model No.	Item No.	Intake Size	Discharge Size	Listing(s)	HP	Volts	Hertz	Amps	Watts	Performance (GPM@Head)					Shutoff		Power Cord (ft.)	Weight (lbs.)
										5'	10'	20'	30'	40'	Ft.	P.S.I.		
TE-6-MD-HC	586604	1" FNPT	3/4" MNPT	UR/C-CSA	1/3	115	50/60	11.6/9.4	340/525	38	36.7	31.7	28.3	21.7	51	15.54	N/A	28.00
TE-6-MD-HC	586698	1" FNPT	3/4" MNPT	Pump Head Less Motor														7.00



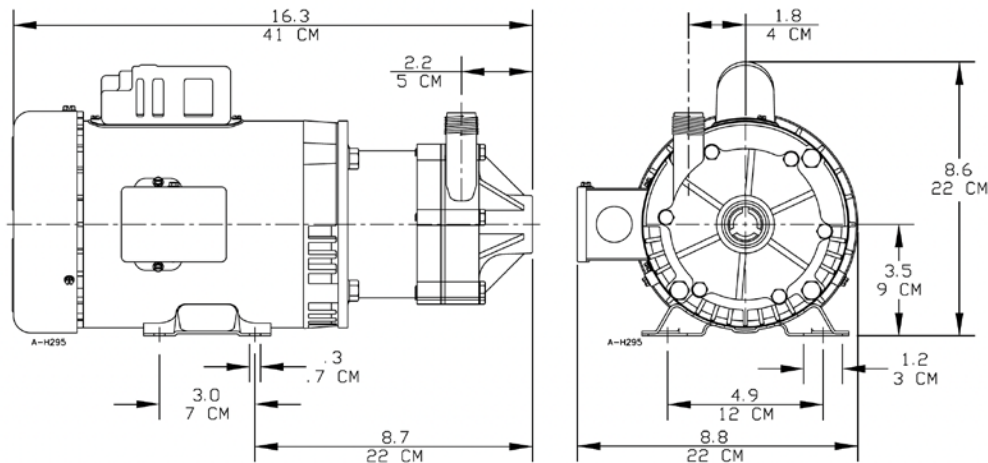
REPLACEMENT PARTS

Item	Part No.	Description
A	185114	Volute
B	187085	Thrust Washer
C	185100	Shaft
D	185158	Impeller/Bushing
E	924016	O-ring
F	185181	Backplate
1	903712	Bolt
2	921050	Washer
3	185172	Drive magnet
4	185162	Magnet Housing

NOTE: Parts A-F contact fluid

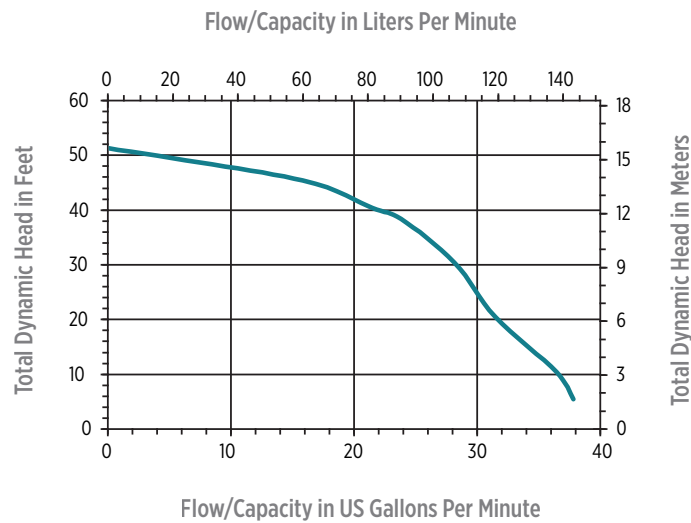
TE-6-MD-HC SERIES - 1/2 HP

ENGINEERING DATA



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.

PERFORMANCE DATA



TE-7-MD-HC - 3/4 HP

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

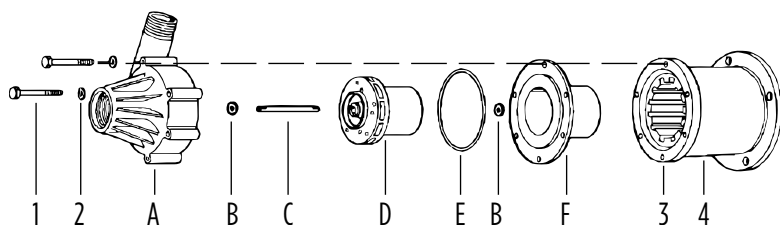
- Non-submersible for in-line use only
- Thermally protected, totally enclosed, fan cooled, capacitor start motor
- Ball bearings
- Conduit box (must be field wired—cord not included)
- Specific gravity to 1.1
- Fluid temperature to 200 °F
- Ambient air temperature to 77 °F
- Run-dry capability up to 8 hours

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



SERIES SPECIFICATIONS

Item No.	Model	HP	Volts	Hz	Amps	Watts	Suction	Discharge	GPM per Minute @ Height (60 Hz)					Shut-Off		Cord	Weight
									1'	10'	25'	40'	50'	ft	PSI		
587010	TE-7-MD-HC	3/4	115	50/60	10.4/11.8	1080/1230	1-1/2" FNPT	1" MNPT	53	46.7	40	30.8	21.6	58.9	25.5	-	40.00 lbs
			230	50/60	5.2/5.9	1080/1230											
587040	TE-7-MD-HC	3/4	230	50/60	2.4/2.9	1080/1230	1-1/2" FNPT	1" MNPT	53	46.7	40	30.8	21.6	58.9	25.5	-	40.00 lbs
	3-Phase		460	50/60	1.2/1.45	1080/1230											
587103	TE-7-MD-HC	Pump Head Less Motor					1-1/2" FNPT	1" MNPT	-	-	-	-	-	-	-	-	8.00 lbs



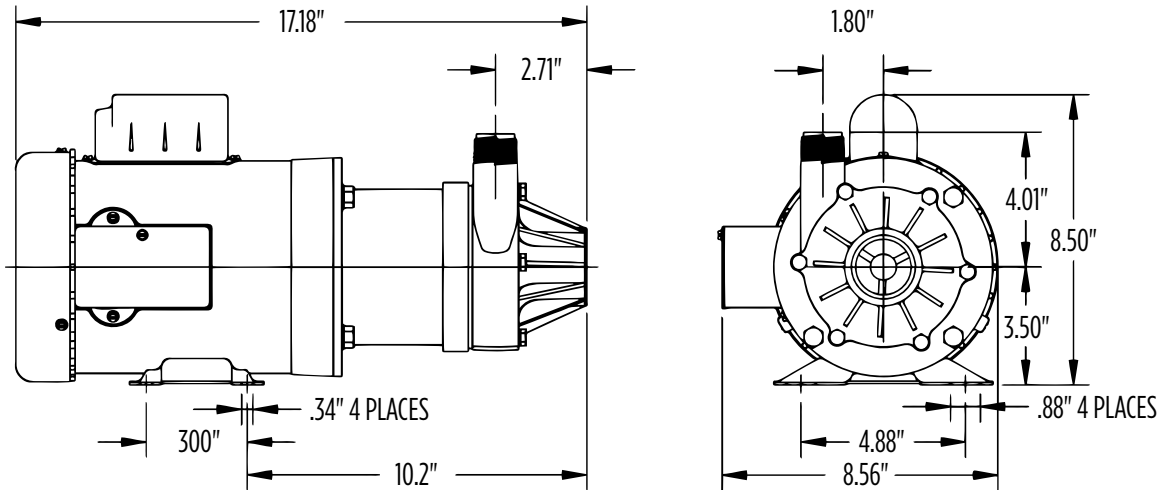
REPLACEMENT PARTS

Item	Part No.	Description
A	187005	Volute
B	187085	Thrust washer
C	187056	Shaft
D	187172	Impeller/Bushing
E	924016	O-ring
F	187023	Backplate
1	903712	Bolt
2	921050	Washer
3	187121	Drive magnet
4	187073	Magnet housing

NOTE: Parts A-F contact fluid

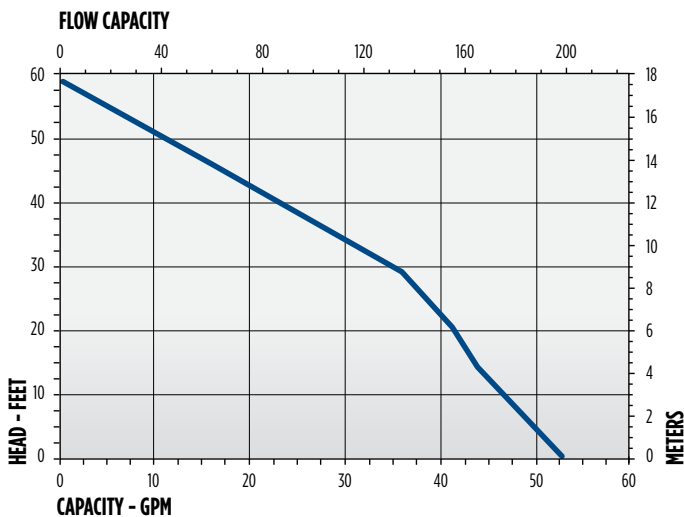
TE-7-MD-HC - 3/4 HP

ENGINEERING DATA



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.

PERFORMANCE DATA



CONSTRUCTION

Motor Housing	PPS
Impeller Material	PPS w/carbon bushing
Volute	PPS
Motor Shaft	Ceramic
Thrust Washers	Ceramic
O-ring	FKM



TE-7-MD-CK - 3/4 HP

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

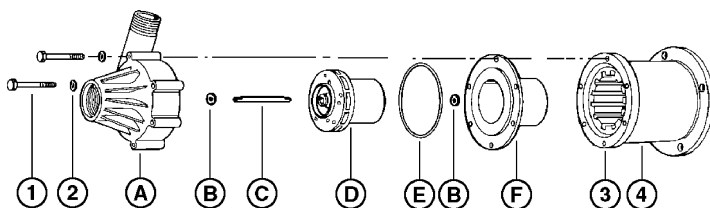
FEATURES

- Non-submersible for in-line use only
- Thermally protected, totally enclosed, fan cooled, capacitor start 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.

SERIES SPECIFICATIONS

Item No.	Model No.	HP	Volts	Hertz	Amps	Watts	Intake Size	Discharge Size	Performance (GPM @ Head, 60Hz)					Shut Off		Power Cord (ft.)	Weight (lbs.)
									1'	10'	25'	40'	50'	Feet	PSI		
587600	TE-7-MD-CK	3/4	115	50/60	10.4/11.8	1080/1230	1-1/2" FNPT	1" MNPT	53	46.7	40	30.8	21.6	58.5	25.5	N/A	40.00
			230	50/60	5.2/5.9	1080/1230											
587603	TE-7-MD-CK	3/4	230	50/60	2.4/2.9	1080/1230	1-1/2" FNPT	1" MNPT	53	46.7	40	30.8	21.6	58.5	25.5	N/A	33.00
3 Phase			460	50/60	1.2/1.45	1080/1230											
587106	7-MD-CK	Pump Head Less Motor					1-1/2" FNPT	1" MNPT									8.00



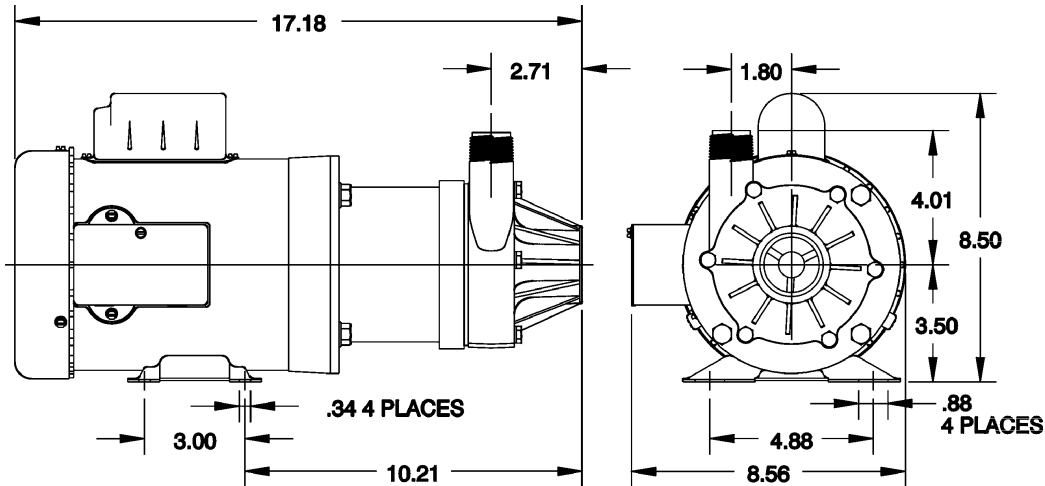
REPLACEMENT PARTS

Item	Part No.	Description
A	187015	Volute
B	187085	Thrust washer, ceramic
C	187056	Shaft, ceramic
D	187174	Impeller/Bushing
E	924016	O-ring, Viton®
F	187024	Backplate
1	903712	Bolt
2	921050	Washer
3	187121	Drive magnet
4	187073	Magnet housing

NOTE: Parts A-F contact fluid

TE-7-MD-CK - 3/4 HP

ENGINEERING DATA



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.

PERFORMANCE DATA

