

General Purpose

Product Catalog

- Industrial Pumps • Sump, Effluent, and Sewage Pumps
- HVACR Pumps • Magnetic Drive Pumps



What's New

Hard-Working Pumps for Commercial, Industrial and Home Applications

Water Displays • Fountains • Air Conditioners
Machine Tool Cooling • More!

Small Submersible Pump

- Epoxy-coated cast aluminum housing
- Oil-filled motor
- Pumps 776 litres per hour (LPH)
- Screened inlet; 2.25 m maximum lift; thermal overload protection on most

See page 3 for more information.

Small Submersible Nylon Pump

- Corrosion-resistant nylon housing
- Oil-filled motor
- 909 litres per hour (LPH) capacity
- Screened inlet; 2.29 m maximum lift; thermal overload protection

See page 5 for more information.

Portable Utility Pump

- Our most versatile pump
- Oil-filled motor; epoxy-coated cast aluminum housing
- Screened inlet; 5.64 m maximum lift; pumps down to 3.175 mm
- For submersible use only

See page 7 for more information.

Condensate Removal Pump

- Shallow tank
- 1/150 HP oil-filled motor
- 776 litres per hour (LPH)
- Advanced mechanical switch

See page 18 for more information.

1 Series



NK-1 Series



5 Series



1-ABS Series

See your distributor for more information, or email
Franklin Electric at export@LittleGiantPump.com.

General Purpose Product Catalog

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- HVACR Pumps • Magnetic Drive Pumps



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Industrial Pumps

1 SERIES

Oil-filled, Direct Drive



Applications

- Water transfer or recirculation, and water displays

Features

- 1/150 HP oil-filled, direct drive motor
- Designed for continuous duty, submersible use only
- Epoxy-coated cast aluminum housing and cover
- Polypropylene volute and elbow
- Nitrile shaft seal
- Polyethylene screen
- IP 68

Series Specifications

Capacity: 13 LPM @ .31 m (501038);
13 LPM @ .31 m (501016)

Intake: Smooth

Electrical: 230V, 50Hz, 0.5A, 52W (501038);
230V, 50/60Hz, 0.6A, 70W (501016)

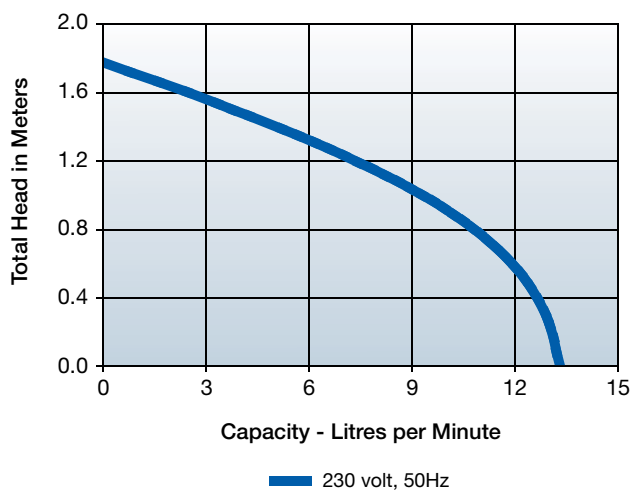
Shut Off: 1.89 m (501038);
2.26 m (501016)

Discharge: 1/4" MNPT (6 mm)

Model Characteristics

Item #	Model	Volts	Cord	Weight (Kg.)	Bar	List/Cert.
501038	1	230	3 m	1.81	0.19	CE
501016	1-Y	230	3.66 m	1.73	0.23	UR

Performance Curves



2 SERIES

Oil-filled, Direct Drive



Applications

- Submersible, water transfer or recirculation, water displays and air conditioning

Features

- 1/40 HP oil-filled motor
- Epoxy-coated cast aluminum housing and cover
- Nylon volute
- Nitrile shaft seal
- Polypropylene screen
- IP 68

Series Specifications

Capacity: 19 LPM @ .31 m (502116, 502216);
18 LPM @ .31 m (502038)

Electrical: 230V, 50Hz, 0.6A, 71W (502038);
230V, 50/60Hz, 0.9A, 100W (502216)

Shut Off: 3.6 m (502216);
2.77 m (502038)

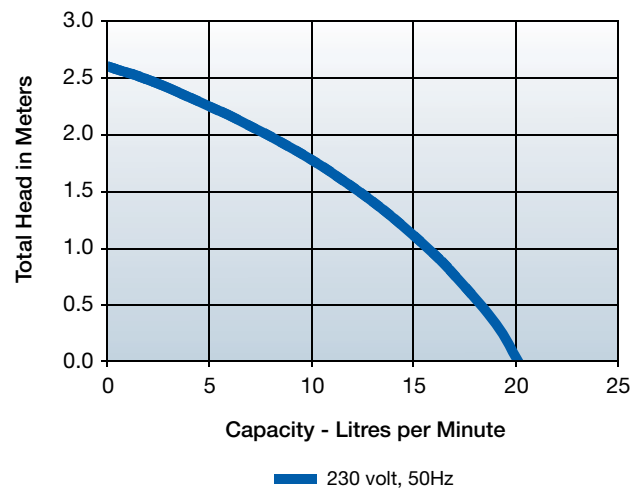
Discharge: 1/4" MNPT (6 mm)

Intake: 3/8" FNPT (10 mm)

Model Characteristics

Item #	Model	Volts	Cord	Weight (Kg.)	Bar	List/Cert.
502038	2E-38N	230	3 m	2.26	0.28	CE
502216	2E-38NY	230	3.66 m	2.34	0.36	UR/C-CSA

Performance Curves 2E-38N



Industrial Pumps

3 SERIES

Oil-filled, Direct Drive



Applications

- Submersed or in-line use, water transfer or recirculation, water displays, air conditioning and machine tool coolants

Features

- 1/15 HP oil-filled, heavy-duty motor
- Epoxy-coated cast aluminum housing and cover
- Nylon volute
- Aluminum backplate
- Viton® shaft seal
- Polypropylene screen
- IP 68

Series Specifications

Capacity: 32 LPM @ .31 m (503038);
38 LPM @ .31 m (503216)

Shut Off: 5.27 m (503038);
6.4 m (503216)

Discharge: 1/2" MNPT (13 mm)

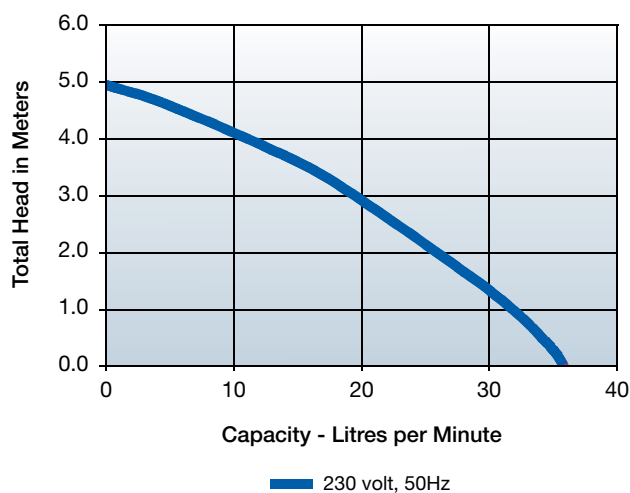
Intake: 1/2" FNPT (13 mm)

Electrical: 230V, 50Hz, 1.3A, 166W (503038);
230V, 50/60Hz, 1.7A, 200W (503216)

Model Characteristics

Item #	Model	Volts	Cord	Weight (Kg.)	Bar	List/Cert.
503038	3E-12N	230	3 m	4	0.53	CE
503216	3E-12NRY	230	3.66 m	3.85	0.64	UR

Performance Curves 3E-12N



4 SERIES

Oil-filled, Direct Drive



Applications

- Submersible only, water transfer or recirculation, water displays, air conditioning and machine tool coolants

Features

- 1/12 HP oil-filled motor
- Epoxy-coated cast aluminum housing and cover
- Nylon volute
- Aluminum backplate
- Viton® shaft seal
- IP 68

Series Specifications

Capacity: 41 LPM @ .31 m

Electrical: 230V, 50/60Hz, 1.8A, 210W

Shut Off: 5.6 m

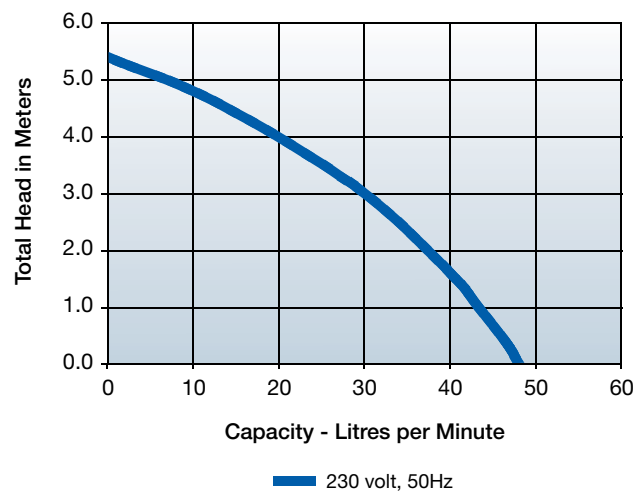
Discharge: 1/2" MNPT (13 mm)

Intake: 3/4" FNPT (19 mm)

Model Characteristics

Item #	Model	Volts	Cord	Weight (Kg.)	Bar	List/Cert.
504216	4E-34NRY	230	3.66 m	3.85	0.75	UR

Performance Curves



Industrial Pumps

P-AAA SERIES

Oil-filled, Direct Drive



Applications

- Water transfer or recirculation, and water displays

Features

- 1/160 HP oil-filled, direct drive motor
- Designed for continuous duty, submersible use only
- Glass-filled nylon housing, cover, and impeller
- Nitrile shaft seal
- IP 68

Series Specifications

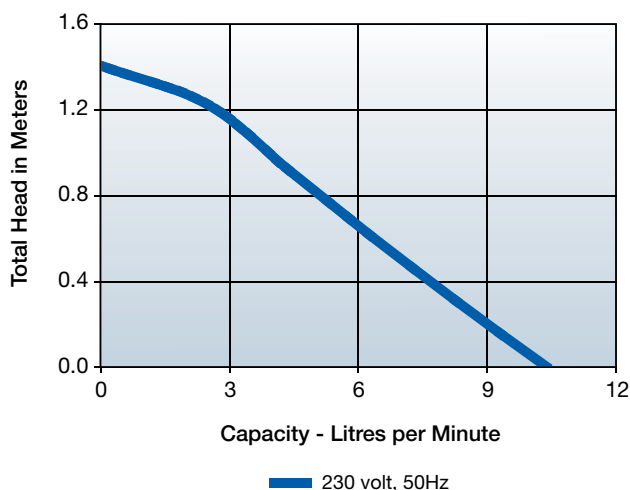
Capacity: 11 LPM @ .31 m
Shut Off: 1.40 m
Discharge: 1/4" MNPT (6 mm)
Intake: Smooth

Electrical: 230V, 50/60Hz, 0.4A, 30W

Model Characteristics

Item #	Model	Volts	Cord	Weight (Kg.)	Bar	List/Cert.
523112	P-AAA	230	3.66 m	1.43	0.5	—

Performance Curves



NK SERIES

Oil-filled, Direct Drive



Applications

- Submersible, water transfer or recirculation, water displays, air conditioning and machine tool coolants, and mild acids

Features

- 1/150 HP oil-filled motor (526076)
- 1/40 HP oil-filled motor (527016, 527076, 527180)
- Nylon housing, cover, and volute
- Viton® shaft seal
- Polyethylene screen
- IP 68

Series Specifications

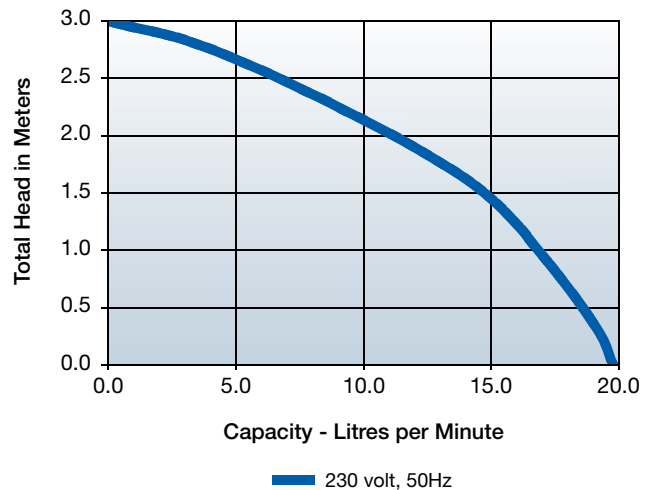
Capacity: 22 LPM @ .31 m (526076);
 19 LPM @ .31 m (527016, 527180);
 19 LPM @ .31 m (527076)
Shut Off: 2.29 m (526076);
 3.75 m (527016, 527180);
 2.90 m (527076)
Discharge: 1/4" MNPT (6 mm)

Intake: Smooth
Electrical: 230V, 50Hz, 0.7A, 70W (526076);
 230V, 50Hz, 0.9A, 100W (527016);
 230V, 50Hz, 0.9A, 100W (527076);
 100V, 50/60Hz, 2.1A, 87W (527180)

Model Characteristics

Item #	Model	Volts	Cord	Weight (Kg.)	Bar	List/Cert.
526076	NK-1	230	3.66 m	1.89	0.23	—
527016	NK-2	230	3.66 m	2.19	0.37	—
527076	NK-2	230	3.66 m	2.19	0.29	—
527180	NK-2 Japan	100	1.83 m	1.96	0.37	—

Performance Curves NK-1



Industrial Pumps

PE SERIES

Epoxy Encapsulated, Direct Drive

PE-1



PE-2H



PE-2.5F



Applications

- Submersible, water transfer or recirculation, water displays, air conditioning and machine tool coolants

Features

- 1/200 HP epoxy-encapsulated motor (518039)
- 1/40 HP epoxy-encapsulated motor (518477, 518438)
- 1/35 HP epoxy-encapsulated motor (518638, 518678, 589237)
- Glass-filled polyester housing and cover
- Polypropylene volute and screen
- Nitrile shaft seal
- Submersible use only
- IP 68

Series Specifications

Capacity: 11 LPM @ .31 m (518039);
18 LPM @ .31 m (518477, 518438);
27 LPM @ .31 m (518638, 518678);
19 LPM @ .31 m (589237)

Shut Off: 1.37 m (518039, 589237);
2.53 m (518477, 518438);
2.75 m (518638, 518678)

Discharge: 1/4" MNPT (6 mm);
3/8" MNPT (10 mm)
(518438, 518638, 518678)

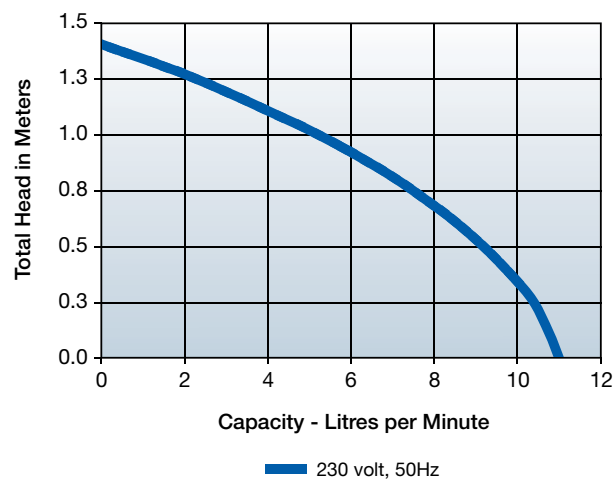
Intake: Screened (518039, 518438, 518638, 518678);
3/4" FNPT (19 mm) with Screen (518477);
1/2" FNPT (13 mm) (589237)

Electrical: 230V, 50Hz, 0.3A, 40W (518039);
230V, 50Hz, 0.4A, 45W (518477, 518438);
230V, 50Hz, 0.5A, 50W (518638);
230V, 50Hz, 0.5A, 65W (518678);
230V, 50Hz, 0.5A, 58W (589237)

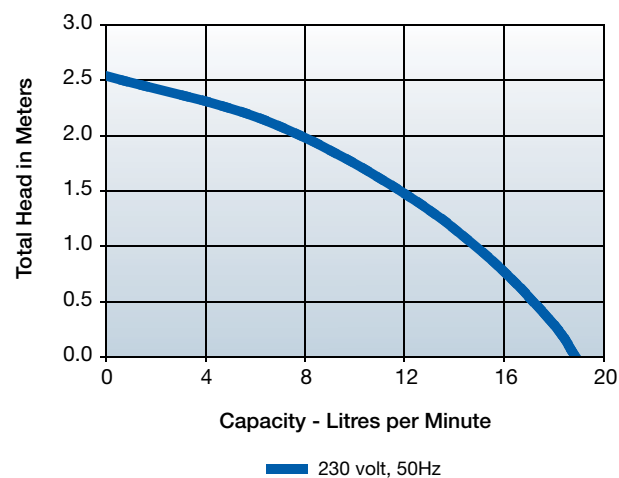
Model Characteristics

Item #	Model	Volts	Cord	Weight (Kg.)	Bar	List/Cert.
518039	PE-1F-IF	230	3 m	1.43	0.14	CE
518477	PE-2F	230	2.45 m	1.96	0.26	—
518438	PE-2.5F-IF	230	3 m	2.04	0.26	CE
518638	PE-2.5F-IF	230	3 m	2.19	0.28	CE
518678	PE-2.5F-WG	230	4.57 m	2.26	0.28	—
589237	PE-1.5-MDI-SC	230	3 m	2.27	0.29	CE

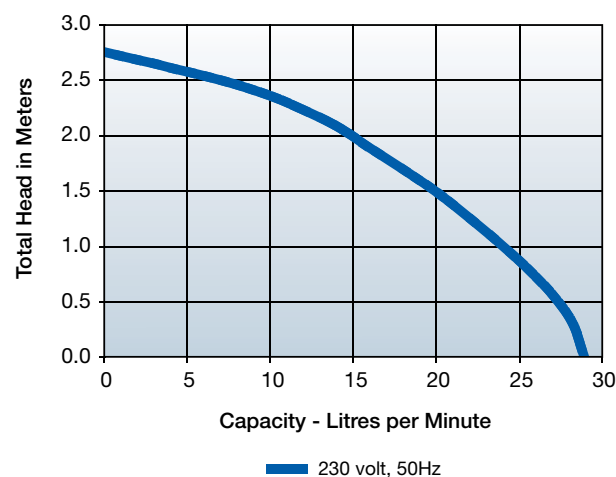
Performance Curves PE-1F



Performance Curves PE-2F



Performance Curves PE-2.5F



WGP SERIES

Epoxy Encapsulated, Direct Drive



Applications

- Ideal for pond filtration and water effects (i.e. waterfall and stream applications found in water gardens)

Features

- 1/8 HP PSC motor (507256, 507265, 507276)
- 5/8 HP PSC motor (507295)
- Unique dual discharge
- Motor sealed in stainless steel housing enclosed in Polypro housing
- Designed for continuous duty
- Polypro housing, cover and volute
- Nitrile shaft seal
- Includes 1-1/4" BSPP x 1" barb elbow (25.4 mm) for 1" I.D. (25.4 mm) tubing
- IP 68
- Two-year warranty

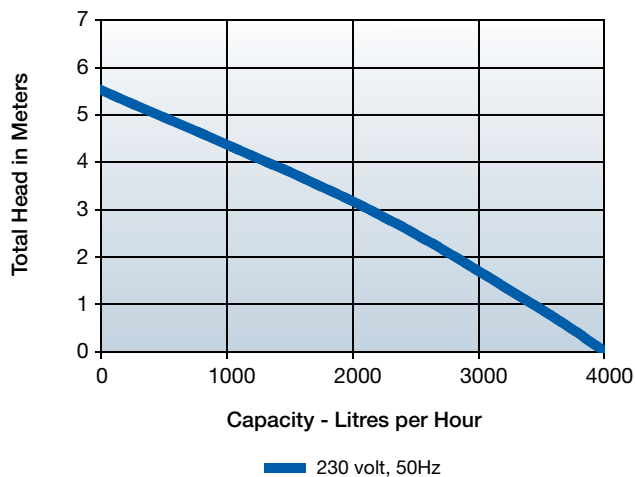
Series Specifications

Capacity: 3420 LPH @ 1 m (507256); 7200 LPH @ 1 m (507265); 9400 LPH @ 1 m (507276); 13630 LPH @ 1 m (507295)	Shut Off: 5.5 m (507256); 6.1 m (507265); 7.6 m (507276); 8.1 m (507295)
	Discharge: 1-1/4" FNPT (32 mm)
	Electrical: 230V, 50Hz, 1.2A, 270W (507256, 507265); 230V, 50Hz, 3.3A, 700W (507276, 507295)

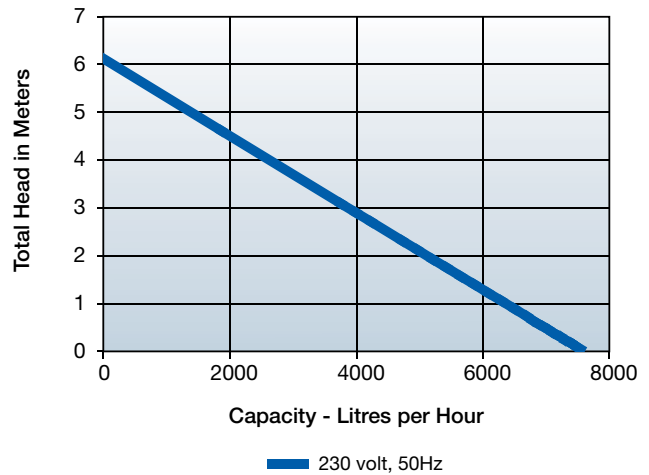
Model Characteristics

Item #	Model	Volts	Cord	Weight (Kg.)	Bar	List/Cert.
507256	WGP-55	230	10 m	6.57	0.60	CE
507265	WGP-65	230	10 m	4.76	0.61	CE
507276	WGP-75	230	10 m	5.21	0.79	CE
507295	WGP-95	230	10 m	7.03	0.81	CE

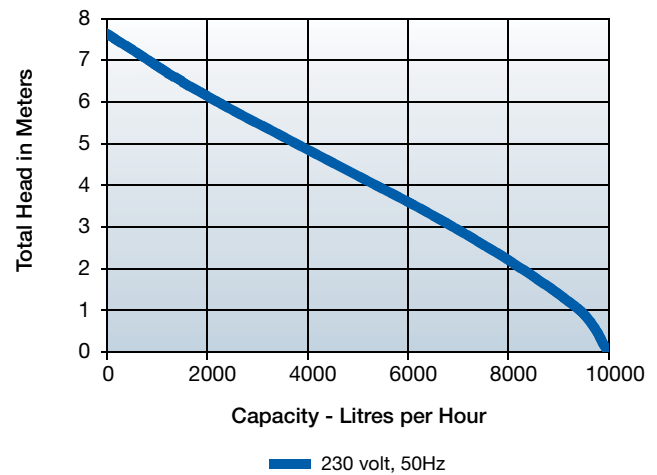
Performance Curves WGP-55



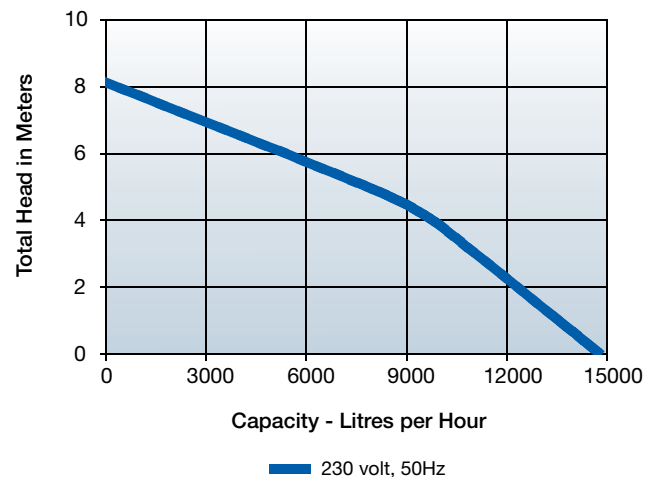
Performance Curves WGP-65



Performance Curves WGP-75



Performance Curves WGP-95



Industrial Pumps

5 SERIES

Epoxy Encapsulated, Direct Drive



Applications

- Submersible, water transfer or recirculation, water displays, air conditioning and machine tool coolants

Features

- 1/6 HP shaded pole motor
- Garden hose adapter and removable inlet screen
- Epoxy-coated cast aluminum housing
- Nylon volute
- Viton® shaft seal
- Stainless steel shaft
- IP 68

Series Specifications

Capacity: 4070 LPH @ .31 m

Shut Off: 5.64 m

Discharge: 1" BSPT

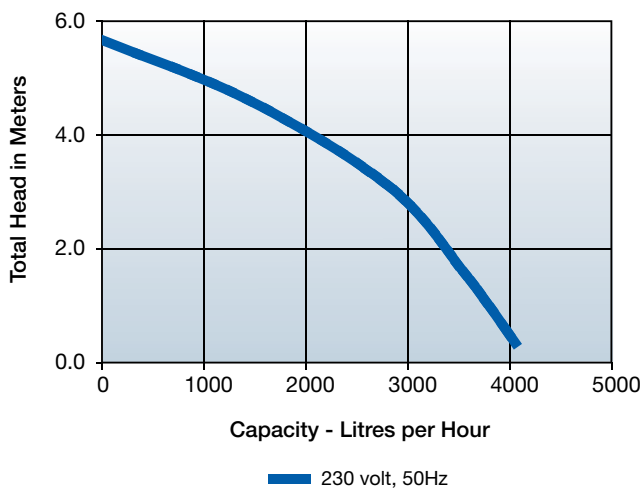
Intake: Screened

Electrical: 230V, 50Hz, 3.0A, 250W

Model Characteristics

Item #	Model	Volts	Cord	Weight (Kg.)	Bar	List/Cert.
505376	5-MSPR	230	3.66 m	4.19	0.56	—
505378	5-MSPR	230	3 m	4.19	0.56	CE
505379	5-MSPR	230	10 m	5.1	0.56	CE

Performance Curves



1-YS SERIES

Parts Washer Pumps



Applications

- Submersible for pumping unheated metal parts cleaning solvent which is UL classified as PJQU

Features

- 1/150 HP oil-filled motor
- Cast aluminum housing
- Nylon volute
- Viton® shaft seal
- Polyethylene screen
- 1" conduit fitting (25.4 mm)
- IP 68

Series Specifications

Capacity: 776 LPH @ .31 m

(501036);
719 LPH @ .31 m
(501027)

Intake: Smooth

Electrical: 230V, 50Hz, 0.6A, 70W

Shut Off: 2.25 m

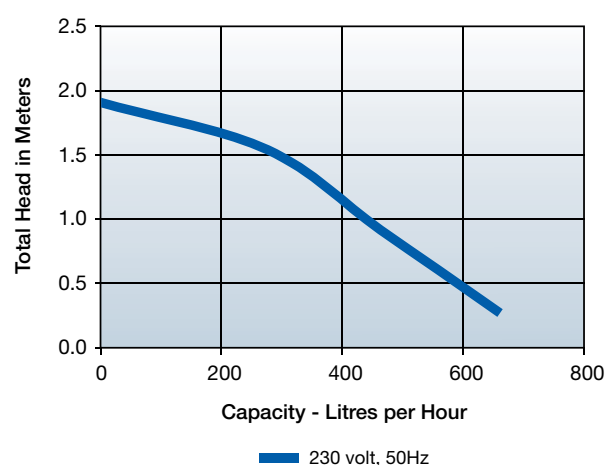
(501036);
1.89 m (501027)

Discharge: 1/4" MNPT (6 mm)

Model Characteristics

Item #	Model	Volts	Cord	Weight (Kg.)	Bar	List/Cert.
501027	1-YS	230	1.83 m	1.58	2.7	CE
501036	1-YS	230	1.83 m	1.58	0.23	—

Performance Curves



Industrial Pumps

PE SERIES

Parts Washer Pumps



Applications

- For submerged use in parts washers using aqueous solutions or UL listed solvents

Features

- 1/40 HP epoxy-encapsulated motor
- Polyester housing
- 1/2" MNPT Master Builders conduit fitting
- Rated for continuous duty
- IP 68

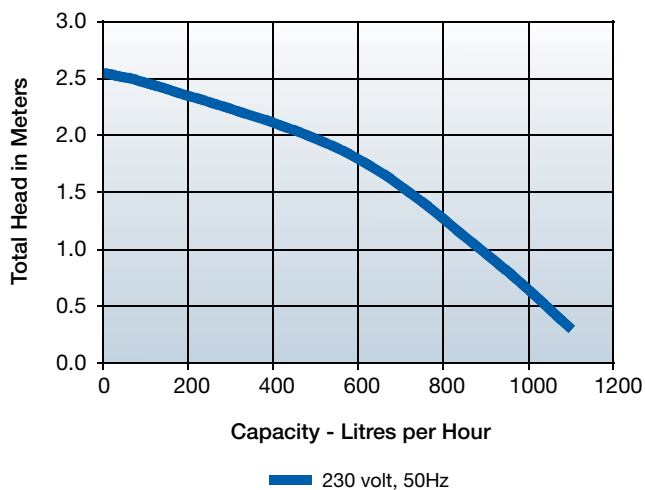
Series Specifications

Capacity: 1098 LPH @ .31 m
Shut Off: 2.53 m
Discharge: 1/4" MNPT (6 mm)
Electrical: 230V, 50Hz, 0.4A, 45W

Model Characteristics

Item #	Model	Volts	Cord	Weight (Kg.)	Bar	List/Cert.
14940101	PE-2YSA	230	1.83 m	2.04	0.26	CE

Performance Curves



365 SERIES

Utility Pumps

Pony Pump



Applications

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

Features

- 1/10 HP non-submersible stainless steel pump body
- 12 VDC motor
- 2.1 m with clips cord
- Self priming for instant delivery or de-watering up to 1.8 m
- Rugged metallic handle for easy portability
- Dual threaded intake and discharge with both 3/4" (19 mm) male garden hose thread and 3/4" FNPT (10 mm)
- IP 53

Series Specifications

Capacity: 1136 LPH @ .31 m
Shut Off: 14.02 m
Electrical: 12 VDC, 7.0A, 165W

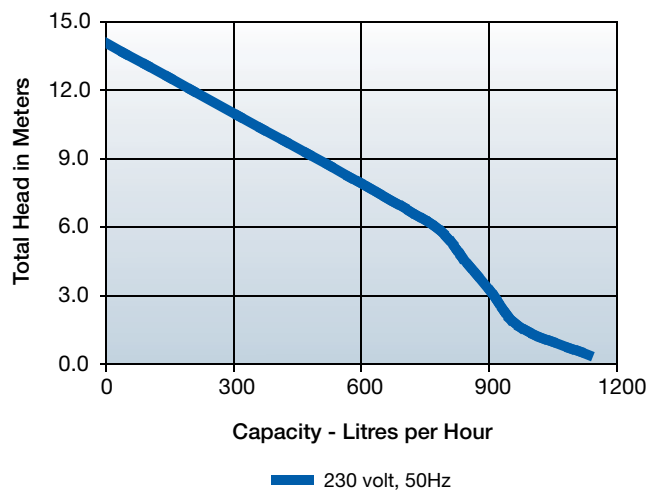
Model Characteristics

Item #	Model	Volts	Cord	Weight (Kg.)	Bar	List/Cert.
555203	365S	12 VDC	.31 m	1.81	1.4	—

Pony Pump® Replacement Impeller & Brush Kits

Item #	Model	Includes
555706	IRK-360	(2) Each – Nitrile Impeller with SST Insert, Nitrile Cover Gaskets
555713	IRK-360S	(2) Each – Nitrile Impeller with SST Insert, Nitrile Cover Gaskets

Performance Curves



Industrial Pumps

BPLA SERIES

Utility Pumps



Applications

- Water removal from compact spaces such as boat bilges, recreational vehicles, or bait tanks

Features

- 12 VDC motor
- Submersible or in-line use
- Designed for intermittent use only
- Plastic and stainless steel construction
- Compact, light weight, operates in any position
- Port connections equipped with bilge inlet plate with strainer
- 12.7 mm inlet plate accessory included
- Accepts 5/8" ID (16 mm) hose
- IP 68

Series Specifications

Capacity: 1330 LPH @ .31 m

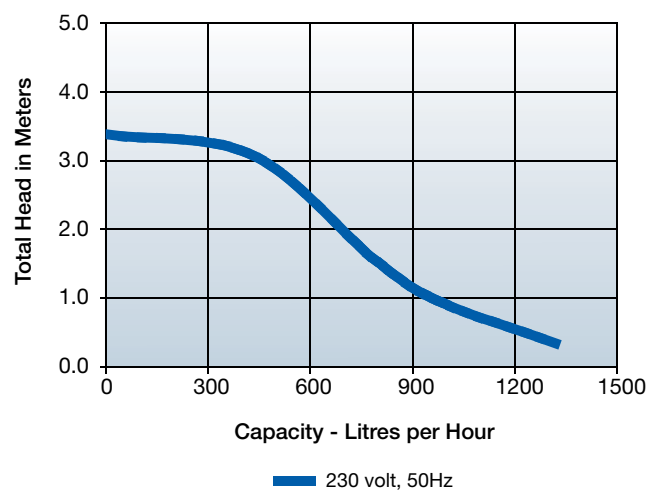
Shut Off: 3.35 m

Electrical: 12 VDC, 20A

Model Characteristics

Item #	Model	Volts	Cord	Weight (Kg.)	Bar	List/Cert.
556001	BPLA	12 VDC	1.42 m	0.45	0.33	—

Performance Curves



Wastewater Pumps

5.5 SERIES

Cast Iron Sump Pumps



Applications

- Submersible, water transfer or recirculation, water displays, air conditioning and machine tool coolants

Features

- 1/4 HP shaded pole motor
- Zinc housing, polypropylene volute
- 3/4" (19 mm) garden hose adapter included
- Integral snap action float switch
- IP 68

Series Specifications

Capacity: 123 LPM @ .31 m

Shut Off: 5.21 m

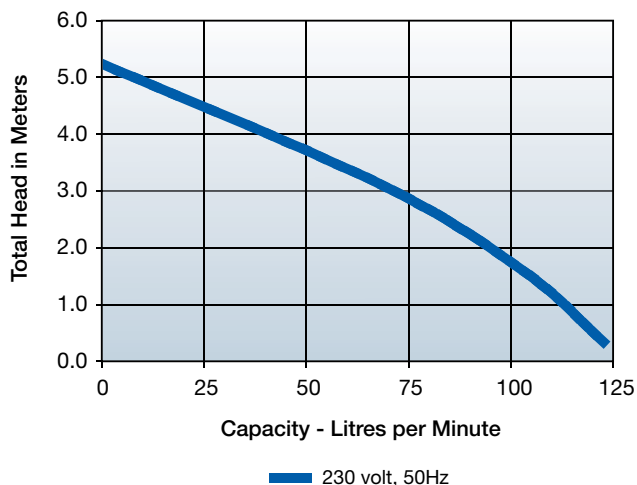
Discharge: 1" FNPT (25 mm)

Electrical: 230V, 50Hz, 2.8A, 445W

Model Characteristics

Item #	Model	Volts	Cord	Switch Type	On Level	Off Level	Weight (Kg.)	Bar
505720	5.5-ASP	230	3.66 m	Integral Snap Action	178 mm - 254 mm	51 mm - 127 mm	4.64	0.52

Performance Curves



6 SERIES

Cast Iron Sump Pumps



Applications

- Basement sumps, dewatering, water transfer

Features

- 1/3 HP shaded pole motor
- Designed for continuous duty
- Epoxy-coated cast iron housing
- 1-1/4" (32 mm) garden hose adapter available
- Carbon/ceramic shaft seal
- Upper and lower sintered sleeve bearings
- Available in automatic or manual operation
- IP 68

Series Specifications

Capacity: 156 LPM @ 1.53 m

Shut Off: 4.1 m

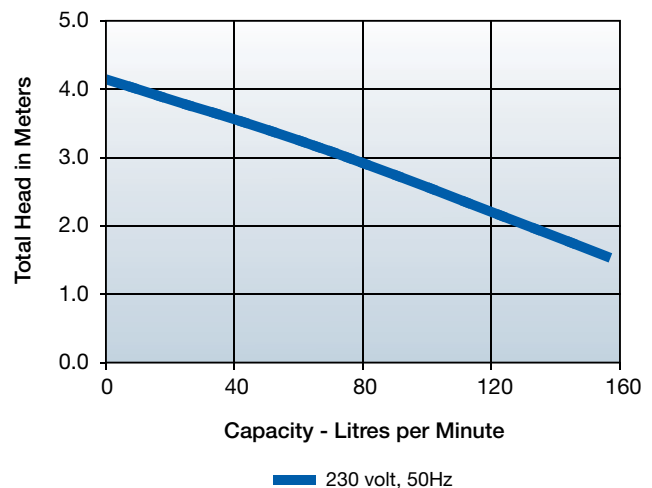
Discharge: 1-1/2" FNPT (38 mm)

Electrical: 230V, 50/60Hz, 4.5A, 720W

Model Characteristics

Item #	Model	Volts	Cord	Switch Type	On Level	Off Level	Weight (Kg.)	Bar
506166	6-CIA	230	2.45 m	Integral Diaphragm	178 mm - 254 mm	25.4 mm - 101 mm	8.39	0.55
506266	6-CIM	230	3.66 m	—	—	—	8.5	0.55

Performance Curves



Wastewater Pumps

WRS SERIES

Cast Iron
Sump Pumps



Drainosaur® WRS-6

Applications

- Impractical gravity drainage areas, under sinks, laundry trays

Features

- Pre-assembled for easy installation
- Two tank size options
- Cylindrical polypropylene tank
- Easy-to-remove filter trap
- IP 68



WRSC-6

Series Specifications

Capacity: 156 LPM @ 1.53 m

Shut Off: 4.1 m

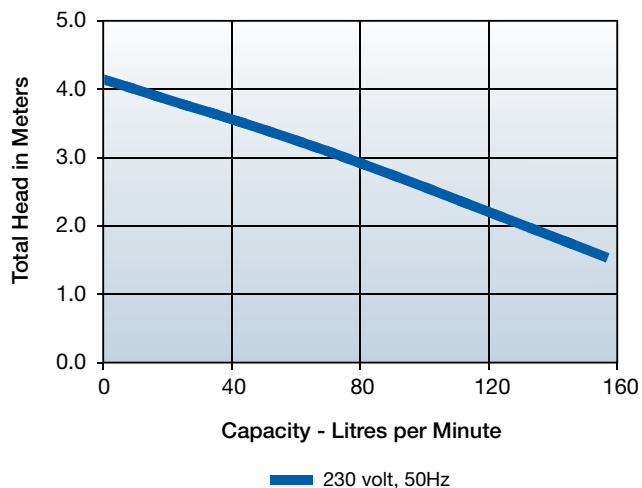
Tank Capacity: 18.9 litres (506056);
13.3 litres (506066)

Electrical: 230V, 50/60Hz, 4.5A,
720W (506056);
230V, 50/60Hz, 5.0A,
720W (506066)

Model Characteristics

Item #	Model	Volts	Cord	Lid Side Intake Port	Lid Top Discharge Port	Lid Top Vent Port	Weight (Kg.)	Bar
506056	WRS-6	230	2.45 m	1-1/2" (38 mm)	1-1/2" (38 mm)	2" (51 mm)	12.24	0.55
506066	WRSC-6	230	2.45 m	1-1/2" (38 mm)	1-1/2" (38 mm)	2" (51 mm)	11.33	0.55

Performance Curves



6E SERIES

Cast Iron
Effluent Pumps



Applications

- Basement sumps, dewatering, water transfer, light effluent

Features

- 1/3 HP shaded pole motor
- Designed for continuous duty
- Epoxy-coated cast iron housing
- Carbon/ceramic shaft seal
- Upper and lower sintered sleeve bearings
- Available in automatic or manual operation
- IP 68

Series Specifications

Capacity: 159 LPM @ 1.5 m

Shut Off: 4.6 m

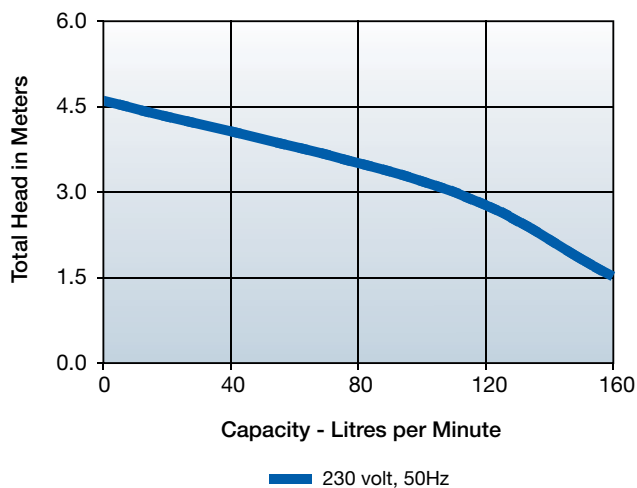
Discharge: 1-1/2" FNPT (38 mm)

Electrical: 230V, 50/60Hz, 6.0A,
890W

Model Characteristics

Item #	Model	Volts	Cord	Switch Type	On Level	Off Level	Weight (Kg.)	Bar	List/ Cert.
506745	6E-CIA-SFS	230	4.57 m	Integral Snap Action	178 mm - 254 mm	51 mm - 127 mm	12.7	0.46	—

Performance Curves



Wastewater Pumps

8E SERIES

Cast Iron
Effluent Pumps



Applications

- Dewatering, water transfer, effluent and wastewater removal

Features

- 1/3 HP shaded pole motor
- Designed for continuous duty
- Epoxy-coated cast iron housing
- Carbon/ceramic shaft seal
- Upper and lower sintered sleeve bearings
- IP 68

Series Specifications

Capacity: 208 LPM @ 1.53 m **Electrical:** 230V, 50Hz, 4.4A, 630W

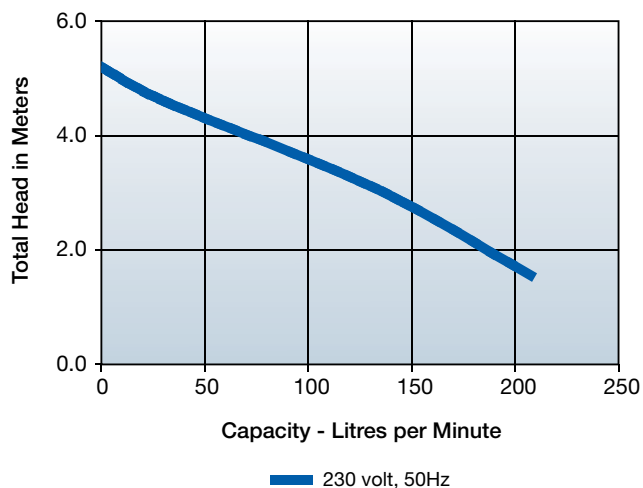
Shut Off: 5.18 m

Discharge: 1-1/2" FNPT (38 mm)

Model Characteristics

Item #	Model	Volts	Cord	Weight (Kg.)	Bar	List/Cert.
509060	8E-CIM	230	4.57 m	11.33	0.52	—

Performance Curves



10E SERIES

Cast Iron
Effluent Pumps



Applications

- Dewatering, water transfer, effluent and wastewater removal

Features

- 1/2 HP split phase motor
- Designed for continuous duty
- Epoxy-coated cast iron housing
- High impact thermoplastic base
- Carbon/ceramic shaft seal
- Upper and lower ball bearings
- IP 68

Series Specifications

Capacity: 303 LPM @ 1.53 m

Shut Off: 5.3 m

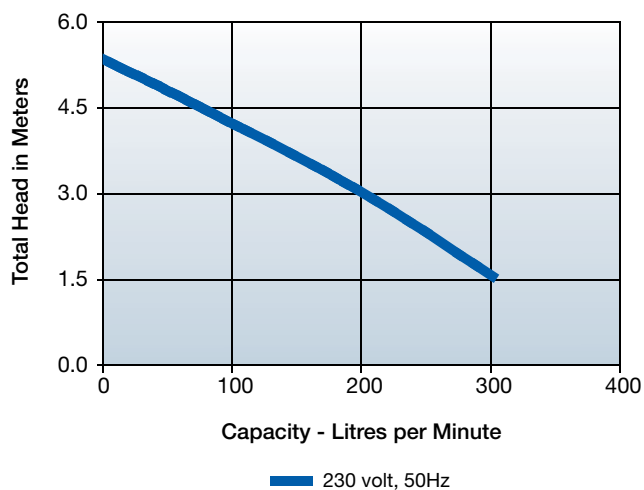
Discharge: 1-1/2" FNPT (38 mm)

Electrical: 208-230V, 50/60Hz, 6.5A, 900W

Model Characteristics

Item #	Model	Volts	Cord	Weight (Kg.)	Bar	List/Cert.
511275	10E-CIM	208-230	4.57 m	15.87	0.79	UL/CSA

Performance Curves



Wastewater Pumps

16EH SERIES

Cast Iron
Effluent Pumps



Applications

- Dewatering, water transfer, effluent and wastewater removal

Features

- 1 HP PSC motor, 3-phase
- Completely submersible, designed for continuous duty
- High head model
- Epoxy-coated cast iron housing, cover, volute, and non-clog impeller
- Carbon/ceramic shaft seal
- Upper and lower ball bearings
- IP 68

Series Specifications

Capacity: 189 LPM @ 9.15 m

Shut Off: 16.8 m

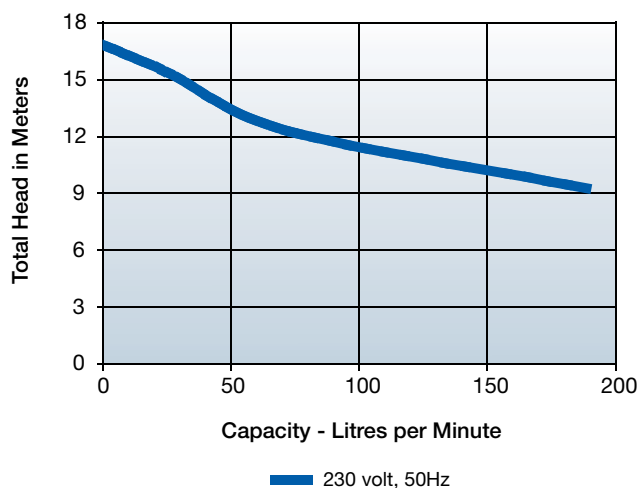
Discharge: 2" FNPT (51 mm)

Electrical: 460-380V, 60/50Hz, 3.2A, 955W

Model Characteristics

Item #	Model	Volts	Cord	Weight (Kg.)	Bar	List/Cert.
514540	16EH-CIM 3 Phase	460-380	6.10 m	37.2	2.47	UL/CSA

Performance Curves



10S SERIES

Cast Iron
Sewage Pumps



Applications

- Effluent and sewage waste transfer

Features

- 1/2 HP split phase motor
- 1/2 HP permanent split capacitor motor on 10S-CIA-SFS
- Designed for continuous duty
- Epoxy-coated cast iron housing and volute
- 2" FNPT (51 mm) discharge
- Carbon/ceramic shaft seal
- Upper and lower ball bearings
- Vortex glass filled nylon impeller
- Available in automatic and manual operation
- IP 68

Series Specifications

Capacity: 416 LPM @ 1.53 m

Shut Off: 4.1 m

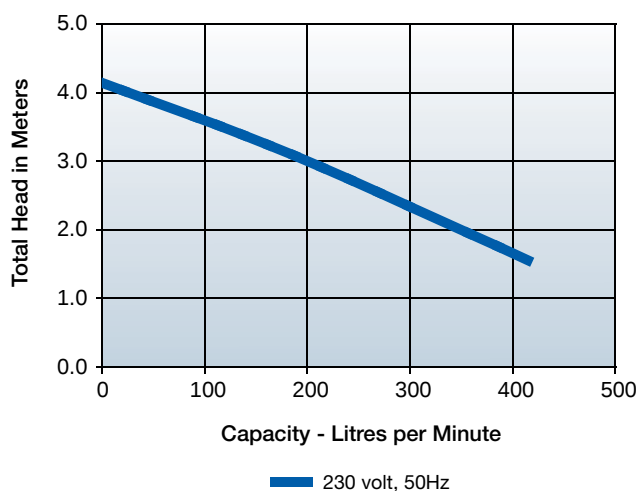
Discharge: 2" FNPT (51 mm)

Electrical: 208-230V, 50/60Hz, 5.8/6.6A, 1100W (511475);
208-230V, 50/60Hz, 4.1/4.6A, 1086W (511565)

Model Characteristics

Item #	Model	Volts	Cord	Switch	On Level	Off Level	Weight (Kg.)	Bar	List/Cert.
511475	10S-CIM	208-230	4.57 m	—	—	—	19.5	0.61	UL/CSA
511565	10S-CIA-SFS	208-230	7.62 m	Integral Snap Action	178 mm - 254 mm	51 mm - 127 mm	21.31	0.62	UL/CSA

Performance Curves



Wastewater Pumps

10SH SERIES

Cast Iron
Sewage Pumps



Applications

- Effluent and sewage waste transfer

Features

- 1/2 HP split phase, relay start motor
- Designed for continuous duty
- High head model
- Epoxy-coated cast iron housing and volute
- 2" FNPT (51 mm) discharge
- Carbon/ceramic shaft seal
- Upper and lower ball bearings
- IP 68

Series Specifications

Capacity: 360 LPM @ 1.53 m

Shut Off: 6.1 m

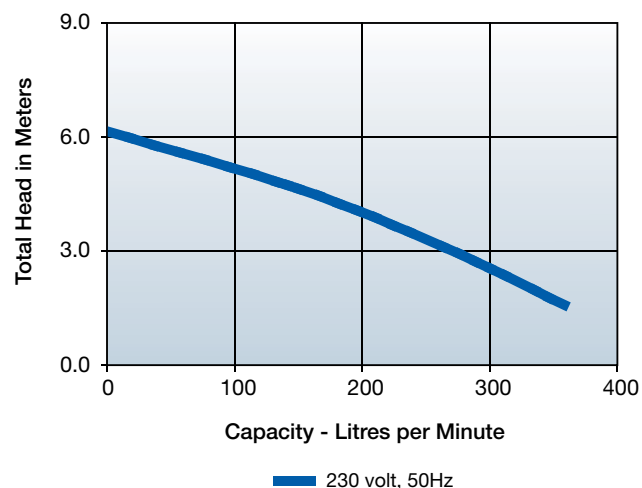
Discharge: 2" FNPT (51 mm)

Electrical: 208-230V, 50/60Hz,
6.7/5.5A, 900W

Model Characteristics

Item #	Model	Volts	Cord	Weight (Kg.)	Bar	List/Cert.
511480	10SH-CIM	208-230	4.57 m	18.82	0.85	UL/CSA

Performance Curves



16S SERIES

Cast Iron
Sewage Pumps



Applications

- Effluent and sewage waste transfer

Features

- 1 HP permanent split phase capacitor motor
- 3 phase
- Designed for continuous duty
- Epoxy-coated cast iron housing and volute
- 3" FNPT (76 mm) discharge
- Carbon/ceramic shaft seal
- Upper and lower ball bearings
- Two-vanes non-clog epoxy-coated cast iron impeller
- IP 68

Series Specifications

Capacity: 492 LPM @ 3.05 m

Shut Off: 7.3 m

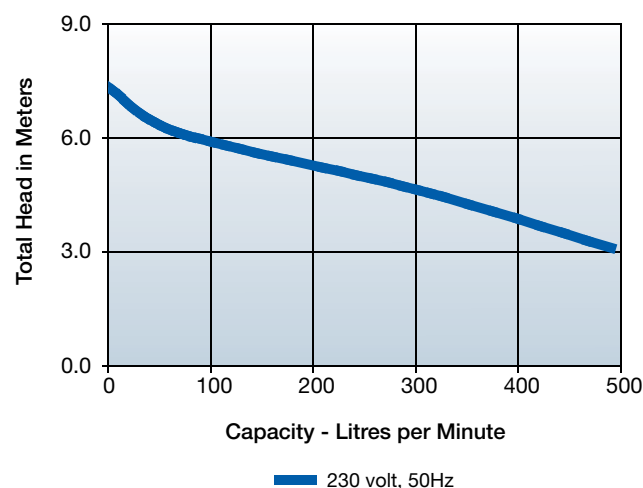
Discharge: 3" FNPT (76 mm)

Electrical: 460-380V, 60/50Hz,
3.0A, 885W

Model Characteristics

Item #	Model	Volts	Cord	Weight (Kg.)	Bar	List/Cert.
514730	16S-CIM 3 Phase	460-380	6.10 m	40.82	1.06	UL/CSA

Performance Curves



Wastewater Pumps

35-OM

High Pressure Pumps



Applications

- Non-submersible, high pressure, carpet cleaning, dispenser display, and pressure washers

Features

- 1/11 HP fan cooled motor
- Thermoplastic housing
- Nylon volute
- Carbon/ceramic shaft seal
- Double-insulated motor (non-replaceable brushes last 500-1000 hours)
- Includes bypass adapter
- 2.46 Bar
- IP 22

Series Specifications

Capacity: 625 LPH @ 3 m

Shut Off: 21.9 m

Discharge: 3/8" Barbed (9.5 mm)

Electrical: 230V, 50/60Hz, 0.6A, 132W

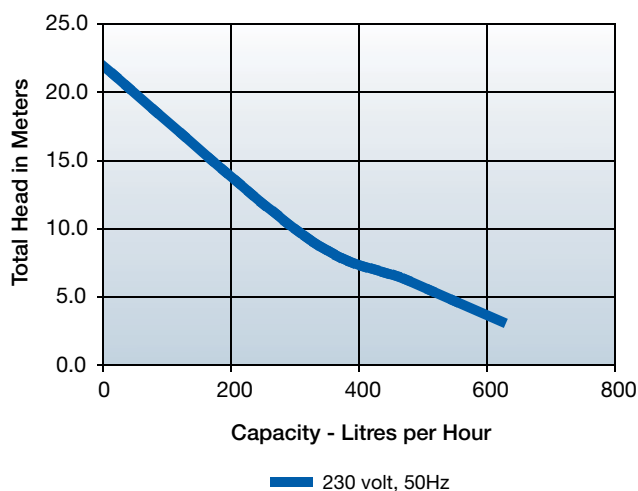
Model Characteristics

Item #	Model	Volts	Watts	Cord	Weight (Kg.)	List/Cert.
532012	35-OM	230	132	.61 m	1.21	—

Replacement Seal Kit

Item #	Model		Weight (Kg.)
599106	35-OM-SK	Housing, carbon seal, impeller with ceramic seal and O-ring	0.08

Performance Curves



APCP

Pool Cover Pumps



Applications

- Ideal for removing water from all types of pool covers

Features

- 1/3 HP automatic pump with efficient PSC-type motor
- Mechanical float for dependability
- On level 51 mm, Off level 38 mm
- Unique large base design for stability
- Convenient integrated handle for portability
- 1" FNPT (25 mm) discharge with garden hose adapter
- 10 m power cord
- Three-year warranty
- 0.3 Bar
- IP 68

Series Specifications

Capacity: 6435 LPH @ .31 m

Shut Off: 6.55 m

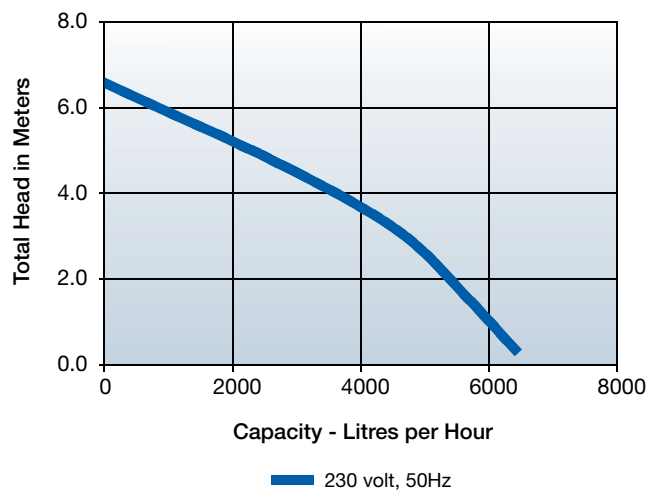
Discharge: 1" FNPT (25.4 mm)

Electrical: 230V, 50Hz, 1.2A, 270W

Model Characteristics

Item #	Model	Volts	Watts	Cord	Weight (Kg.)	List/Cert.
577303	APCP-1700	230	270	10 m	6.23	CE

Performance Curves



Wastewater Pump Accessories

RS SERIES



Piggyback Diaphragm Switch

Applications

- Converts manual pumps to automatic operation

Features

- For use with 230V pumps up to 1/2 HP rated at 10 amps or less
- "On" 15.3 cm – 22.9 cm, "off" 2.6 cm – 10.2 cm
- Unit comes with 2.45 m stripped wire cord end

Model Characteristics

Item #	Model	Volts	Amps	Cord	Weight (Kg.)	List/Cert.
599010	RS-5	230	10.0	2.45 m	0.68	—

HW SERIES



Low Voltage Water Alarm

Applications

- Remote water sensor and alarm

Features

- Remote sensor detects water and sounds alarm
- Sensor and alarm connected by 1.83 m of wire
- Adaptable with additional wire (not included) for locating up to 15.2 m apart
- Solid state electronics powered by 9V battery (not included)
- 5-decibel alarm sounds for 3 days
- Low battery warning
- Test bar for system check

Model Characteristics

Item #	Model	Volts	Cord	Weight (Kg.)
513350	HW-9	9V DC Battery	1.83 m	0.13

Condensate Removal Pumps

ABS Series: In Pan Shallow Tank

Item #	Model	Volts	Hz	HP	IP	Cord	Listing
550531	1-ABS	230	50	1/150	68	3 m	CE
551030	2-ABS	230	50/60	1/40	68	3.35 m	–
551031	2-ABS	230	50	1/40	68	3.35 m	CE
551330	3-ABS	230	50/60	1/12	68	3.35 m	–
551370	3-ABS	230	50	1/12	68	3.35 m	CE



VCL Series: Super High Capacity Large Tank – 4 Litre Capacity

Item #	Model	Volts	Hz	HP	IP	Cord	Listing
553137	VCL-24S	230	50	1/15	20	1.83 m	CE
553138	VCL-45S	230	50	1/4	20	1.83 m	CE
553211	VCL-24ULS	230	50/60	1/18	22	1.83 m	UL/CSA
553245	VCL-45ULS	230	50/60	1/5	20	1.83 m	UL/CSA



EC Series: Mini-Split, Split and Wall or Ceiling Mount Split System

Item #	Model	Volts	Hz	Listing
553450	EC-400	230	50/60	CE



PCS Series: Peristaltic - For Single/Multi Wall Units, Fan Coils, Cassettes, Ceiling Mounted or Wall Console Units

Item #	Model	Volts	Hz	IP	Cord	Listing
553670	PCS-10	230	50/60	52	1.98 m	CE
553671	PCT-10	230	50/60	52	1.98 m	CE
553672	PCR-10	230	50/60	52	1.98 m	CE
553673	PCR-10S	230	50/60	52	1.98 m	CE



Condensate Removal Pumps continued

EC-OP Series: Mini-split for Wall Mounted Units

Item #	Model	Volts	Hz	IP	Listing
553701	EC-OP	230	50/60	54	CE
553711	EC-OP-K	230	50	54	CE



VCC Series: Low Profile Compact Tank – 1 Litre Capacity

Item #	Model	Volts	Hz	HP	IP	Cord	Listing
554138	VCC-20S	230	50	1/30	20	1.8 m	CE
554210	VCC-20ULS	230	50/60	1/30	20	1.8 m	UL



VCMA Series: High Capacity Tank – 2 Litre Capacity

Item #	Model	Volts	Hz	HP	IP	Cord	Listing
554451	VCMA-20UL	230	50/60	1/30	20	1.8 m	UL/CSA
554455	VCMA-20ULS	230	50/60	1/30	22	1.8 m	UL/CSA
554461	VCMA-20ULST	230	50/60	1/30	20	1.8 m	UL
554471	VCMA-20S	230	50	1/30	20	1.8 m	CE
554472	VCMA-20ST	230	50	1/30	20	1.8 m	CE
554473	VCMA-20S	230	50	1/30	20	3 m	CE
554481	VCMA-10	230	50	1/30	20	3 m	CE



VCMX Series: High Capacity Tank – 1.25 Litre Capacity

Item #	Model	Volts	Hz	HP	IP	Cord	Listing
554500	VCMX-20S	230	50	1/30	24	3 m	CE
554510	VCMX-20ST	230	50	1/30	24	3 m	CE
554511	VCMX-20ST	230	50	1/30	24	1.8 m	CE
554532	VCMX-20S	230	50	1/30	24	1.8 m	CE
554541	VCMX-20S-C	230	50	1/30	24	1.8 m	CE



For additional information on Condensate pumps refer to our Heating, Air Conditioning and Refrigeration Catalog, form number 996836.

Chemical Transfer Pumps

MD Series – For mildly corrosive chemicals and solutions

1-AA-MD Series

Item #	Model	Volts	Hz	HP	Cord	Listing
588002	1-AA-MD	230	50/60	1/200	.9 m	UR

1-MD Series

Item #	Model	Volts	Hz	HP	Cord	Listing
589012	1-MD	230	50/60	1/70	1.8 m	–

2-MD Series

Item #	Model	Volts	Hz	HP	Cord	Listing
580012	2-MD	230	50/60	1/30	1.8 m	UR/CSA
580038	2-MD	230	50/60	1/30	None	CE

TE-3-MD Series

Item #	Model	Volts	Hz	HP	Cord	Listing
581012	TE-3-MD	230	50/60	1/20	1.8 m	UR/CSA

5-MD Series

Item #	Model	Volts	Hz	HP	Cord	Listing
583012	5-MD	230	50/60	1/8	1.8 m	UR/CSA

SC Series – For semi corrosive chemicals and solutions

1.5-MDI-SC Series

Item #	Model	Volts	Hz	HP	Cord	Listing
589211	1.5-MDI-SC	230	50/60	1/35	1.8 m	UR/CSA

PE-1.5-MDI-SC Series

Item #	Model	Volts	Hz	HP	Cord	Listing
589237	PE-1.5-MDI-SC	230	50	1/35	3 m	CE

2-MD-SC Series

Item #	Model	Volts	Hz	HP	Cord	Listing
580513	2-MD-SC	230	50/60	1/30	1.8 m	UR/CSA
580514	2-MD-SC	230	50/60	1/30	None	CE

3-MD-SC Series

Item #	Model	Volts	Hz	HP	Cord	Listing
581576	3-MD-SC	230	50	1/12	1.8 m	UR

3-MDQX-SC Series

Item #	Model	Volts	Hz	HP	Cord	Listing
581517	3-MDQX-SC	230	50	1/15	1.8 m	–

5-MD-SC Series

Item #	Model	Volts	Hz	HP	Cord	Listing
583513	5-MD-SC	230	50/60	1/8	1.8 m	UR/CSA

TE-3-MD-SC Series

Item #	Model	Volts	Hz	HP	Cord	Listing
581538	TE-3-MD-SC	230	50/60	1/20	None	CE

TE-4-MD-SC Series

Item #	Model	Volts	Hz	HP	Cord	Listing
582514	TE-4-MD-SC	230	50/60	1/10	1.8 m	UR/CSA
582538	TE-4-MD-SC	230	50/60	1/10	None	CE

TE-4MDX-SC Series

Item #	Model	Volts	Hz	HP	Cord	Listing
582515	TE-4MDX-SC	230	50/60	1/10	1.8 m	UR/CSA

TE-5-MD-SC Series

Item #	Model	Volts	Hz	HP	Cord	Listing
584538	TE-5-MD-SC	230	50/60	1/8	None	CE

TE-5.5-MD-SC Series

Item #	Model	Volts	Hz	HP	Cord	Listing
585504	TE-5.5-MD-SC	115-230	50/60	1/3	None	UR/CSA



Magnetic Drive Pumps

Chemical Transfer Pumps continued

SC Series continued

TE-5.5-MDQ-SC Series

Item #	Model	Volts	Hz	HP	Cord	Listing
585514	TE-5.5-MDQ-SC	115-230	50/60	1/2	None	UR/CSA

TE-6-MD-SC Series

Item #	Model	Volts	Hz	HP	Cord	Listing
586504	TE-6-MD-SC	115-230	50/60	1/2	None	UR/CSA
586538	TE-6-MD-SC	230	50/60	1/2	None	CE



HC and CK Series – For highly corrosive chemicals and solutions

2-MD-HC Series

Item #	Model	Volts	Hz	HP	Cord	Listing
580613	2-MD-HC	230	50/60	1/30	1.8 m	UR/CSA
580614	2-MD-HC	230	50/60	1/30	None	CE



5-MD-HC Series

Item #	Model	Volts	Hz	HP	Cord	Listing
583613	5-MD-HC	230	50/60	1/8	1.8 m	UR/CSA



TE-3-MD-HC Series

Item #	Model	Volts	Hz	HP	Cord	Listing
581614	TE-3-MD-HC	230	50/60	1/20	1.8 m	UR/CSA
581638	TE-3-MD-HC	230	50/60	1/20	None	CE



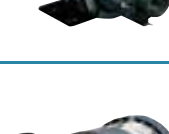
TE-4-MD-HC Series

Item #	Model	Volts	Hz	HP	Cord	Listing
582614	TE-4-MD-HC	230	50/60	1/10	1.8 m	UR/CSA
582638	TE-4-MD-HC	230	50/60	1/10	None	CE



TE-5-MD-HC Series

Item #	Model	Volts	Hz	HP	Cord	Listing
584604	TE-5-MD-HC	115-230	50/60	1/8	1.8 m	UR/CSA
584638	TE-5-MD-HC	230	50/60	1/8	None	CE



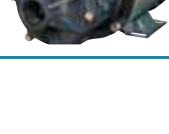
TE-5.5-MD-CK Series

Item #	Model	Volts	Hz	HP	Cord	Listing
585600	TE-5.5-MD-CK	115-230	50/60	1/3	None	UR/CSA



TE-5.5-MD-HC Series

Item #	Model	Volts	Hz	HP	Cord	Listing
585604	TE-5.5-MD-HC	115-230	50/60	1/3	None	UR/CSA



TE-6-MD-CK Series

Item #	Model	Volts	Hz	HP	Cord	Listing
586600	TE-6-MD-CK	115-230	50/60	1/2	None	UR/CSA
586610	TE-6-MD-CK	115-230	50/60	1/2	None	UR/CSA



TE-6-MD-HC Series

Item #	Model	Volts	Hz	HP	Cord	Listing
586604	TE-6-MD-HC	115-230	50/60	1/2	None	UR/CSA
586638	TE-6-MD-HC	230	50/60	1/2	None	CE



TE-7-MD-HC Series

Item #	Model	Volts	Hz	HP	Cord	Listing
587010	TE-7-MD-HC	115-230	50/60	3/4	None	UR/CSA
587039	TE-7-MD-HC	230	50	3/4	None	CE
587040	TE-7-MD-HC	230-460	50/60	3/4	None	UR



TE-7-MD-CK Series

Item #	Model	Volts	Hz	HP	Cord	Listing
587600	TE-7-MD-CK	115-230	50/60	3/4	None	UR/CSA
587603	TE-7-MD-CK	230-460	50/60	3/4	None	UR



For additional information on Magnetic Drive Pumps refer to our Magnetic Drive Catalog, form number 996869.

NOTES:

About Our Company.

In 2006, Franklin Electric Company acquired Little Giant Pump Company to solidify our position as a leading global supplier of water pumping systems for residential and commercial markets. Little Giant® products – sump, sewage, effluent, utility, condensate removal, and submersible industrial pumps – complement and broaden Franklin Electric's overall water systems offering.

Little Giant Pump Company, now Franklin Electric – offers the industry a well-respected brand of products – Little Giant. Founded on quality, availability, service, innovation and value, Franklin Electric continues to bring the Little Giant brand name advantage through Pumps. People. Partnerships.

Franklin Electric is a global leader in the production and marketing of systems and components for the movement of water and automotive fuels. Recognized as a technical leader in its specialties, Franklin serves customers around the world in residential, commercial, agricultural, industrial, municipal, and fueling applications.

Long recognized as the world's largest manufacturer of submersible electric motors, Franklin Electric has been able to leverage its expertise in motor applications to grow and serve several different markets. The principal application for Franklin products is water well pumping systems, where the company offers pumps, motors, drives, and controls. In addition, Franklin Electric produces a vast array of products for fueling systems and the water transfer market.

With 3,500 employees worldwide, Franklin Electric is a global manufacturer with over 25 manufacturing and distribution facilities located in the United States, Germany, Czech Republic, Italy, Mexico, Canada, Australia, Brazil, South Africa, China, and Japan.

Little Giant products are produced to the following ISO standards:

Quality – 9001:2000

Environmental – 14001:2004

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Franklin Electric

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