

16S SERIES - 1 HP

APPLICATIONS

Sewage and effluent wastewater transfer, dewatering

FEATURES

- Permanent Split Capacitor (PSC)
- Designed for continuous duty
- 3" FNPT (76.2 mm) discharge
- Handles solids up to 2" (51 mm) diameter
- 140 °F (60 °C) liquid temperature rating
- cCSAus listed



SERIES SPECIFICATIONS

Volts	Hz	Amps		Watts	Performance (GPM @ Height in Feet)			Shut-Off (ft)	PSI
		FLA	Start		10'	20'	30'		
200-208	60	6.8	21	1500	160	100	40	35	15.1
208	60	11	18	2000	160	100	40	35	15.1
230	60	11	19.2	1900	160	100	40	35	15.1
200-208*	60	6.3	17.7	1500	160	100	40	35	15.1
380-460	50/60	3	9	850	160	100	40	35	15.1
575	60	2.5	7.2	1550	160	100	40	35	15.1

* 3-phase requires control panel

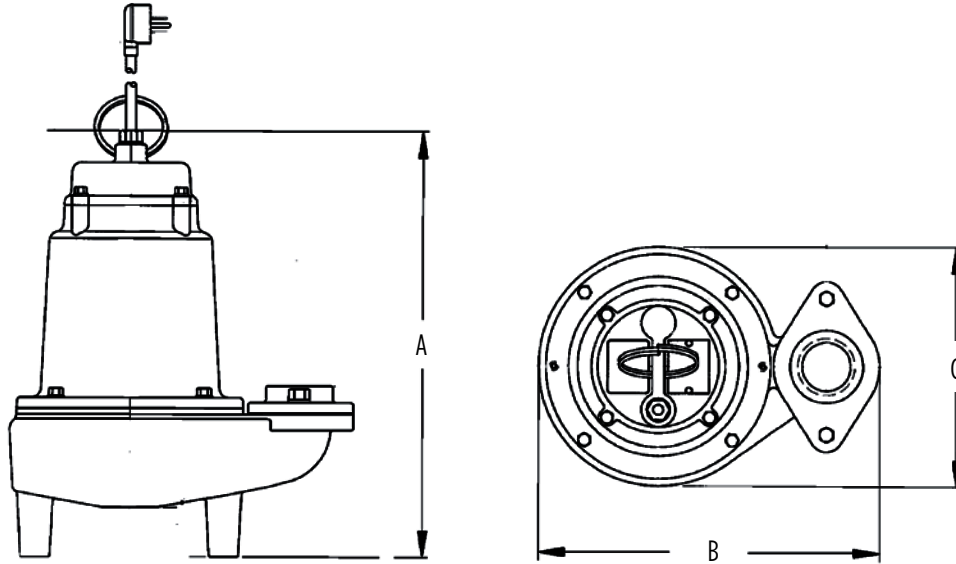
Item No.	Model	HP	Volts	Phase	Switch Type/ Operation	Cord	Weight
514750	16S-CIM	1	200-208	3**	Manual	20' 6.1 m	88 lbs 39.92 Kg
514625	16S-CIM	1	200-208	1	Manual	20' 6.1 m	88 lbs 39.92 Kg
514620	16S-CIM	1	230	1	Manual	20' 6.1 m	94 lbs 42.64 Kg
514720	16S-CIM	1	230	3**	Manual	20' 6.1 m	89 lbs 40.37 Kg
514630	16S-CIM	1	230	1	Manual	40' 12.2 m	95 lbs 43.09 Kg
514730	16S-CIM	1	380-460	3**	Manual	20' 6.1 m	90 lbs 40.82 Kg
514740	16S-CIM	1	575	3**	Manual	20' 6.1 m	88 lbs 39.92 Kg

** Three-phase pumps must have a three-phase control panel for automatic or manual operation

SEWAGE PUMPS

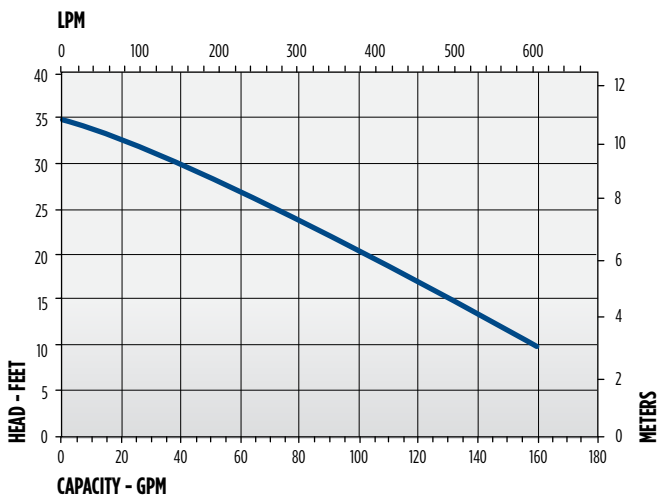
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ENGINEERING DATA



A	B	C
16.15" 41.02 cm	14.07" 35.74 cm	9.89" 25.12 cm

PERFORMANCE DATA



CONSTRUCTION

Motor Housing	Epoxy-coated cast iron
Impeller Material	Epoxy-coated cast iron
Impeller Type	Two-vane, non-clog
Volute	Epoxy-coated cast iron
Mechanical Shaft Seal	Nitrile with carbon and ceramic faces
Fasteners	Stainless steel
Shaft	Stainless steel
Bearings	Upper and lower ball bearings
Power Cord	16/3, STW (single-phase) 18/4, SOW (three-phase)