

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

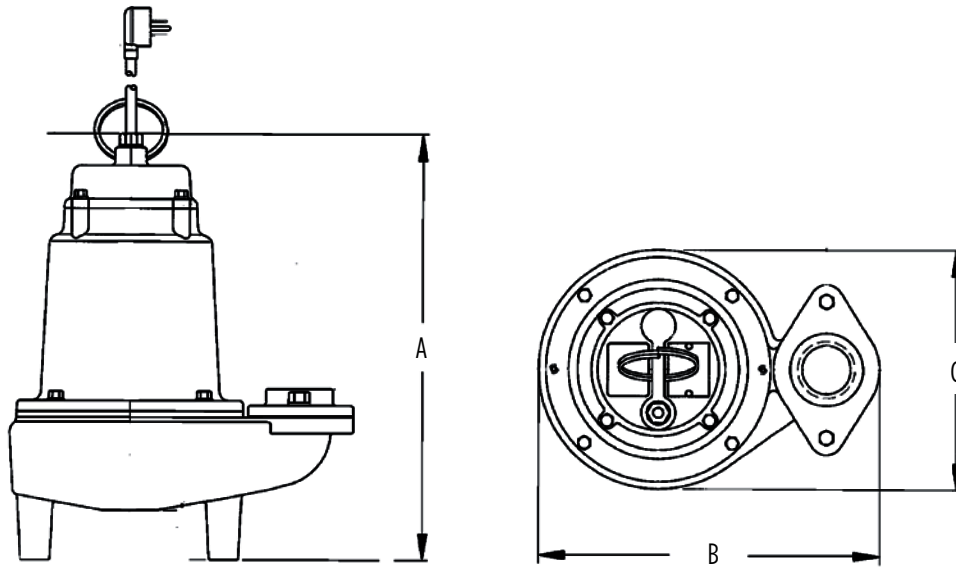
| Item No. | Model | HP | Volts | Phase | Switch Type/ Operation | Cord | Weight |
|----------|---------|----|---------|-------|---------------------------|---------------|--------------------|
| 514750 | 16S-CIM | 1 | 200-208 | 3** | Manual | 20' 6.1 m | 88 lbs 39.92 Kg |
| 514625 | 16S-CIM | 1 | 200-208 | 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

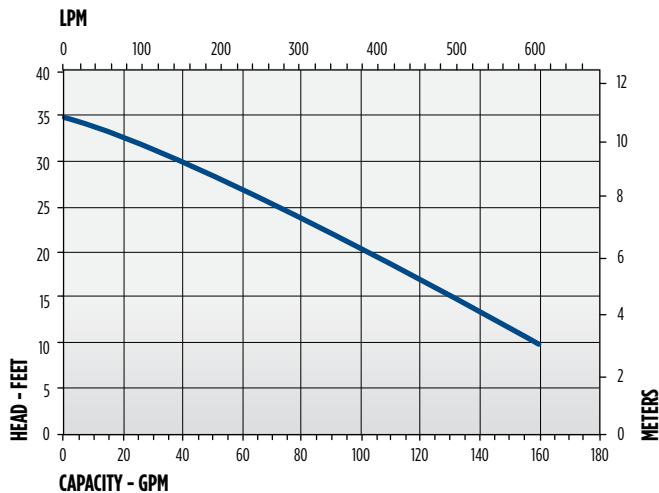
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ENGINEERING DATA



| 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) |