

6 SERIES - 1/3 HP

APPLICATIONS

Basement sumps, dewatering, water transfer

FEATURES

- Shaded pole motor with thermal overload protection
- Designed for continuous duty
- Oil-filled motor housing
- PVC riser legs (506162 only)
- 1-1/2" FNPT discharge (38 mm)
- 1-1/4" FNPT (31.7 mm) reducer bushing included with select models
- 3/4" GHT garden hose adapter included with select models
- cCSAus listed (115 V models only)



SERIES SPECIFICATIONS

| Volts | Hz | Amps | | Watts | Performance (GPM @ Height in Feet) | | | Shut-Off (ft) | PSI |
|-------|-------|------|-------|-------|---------------------------------------|-----|------|------------------|-----|
| | | FLA | Start | | 5' | 10' | 15' | | |
| 115 | 50/60 | 9.0 | 14.3 | 720 | 46 | 29 | 12.5 | 18 | 7.8 |

| Item No. | Model | HP | Volts | Switch Type/ Operation | On Level | Off Level | Cord | Weight |
|----------|-----------|-----|-------|----------------------------|-----------------------------------|------------------------------|--------------|----------------------|
| 506158 | 6-CIA | 1/3 | 115 | Integral Diaphragm | 7" - 10" 17.8 cm - 25.4 cm | 1" - 4" 2.5 cm - 10.2 cm | 10' 3 m | 18 lbs 8.16 Kg |
| *506162 | 6-CIA | 1/3 | 115 | Integral Diaphragm | 10" - 13" 25.4 cm - 33.02 cm | 4" - 7" 10.2 cm - 17.8 cm | 10' 3 m | 18.5 lbs 8.39 Kg |
| *506164 | 6-CIA | 1/3 | 115 | Integral Diaphragm | 7" - 10" 17.8 cm - 25.4 cm | 1" - 4" 2.5 cm - 10.2 cm | 25' 7.6 m | 18.5 lbs 8.39 Kg |
| 506125 | 6-CIA | 1/3 | 115 | Integral Diaphragm | 7" - 10" 17.8 cm - 25.4 cm | 1" - 4" 2.5 cm - 10.2 cm | 25' 7.6 m | 18.5 lbs 8.39 Kg |
| 506171 | 6-CIA-RFS | 1/3 | 115 | Piggyback Mechanical Float | 9.5" - 11.5" 24.1 cm - 29.2 cm | 1" - 4" 2.5 cm - 10.2 cm | 10' 3 m | 17.75 lbs 8.05 Kg |
| 506267 | 6-CIA-RS | 1/3 | 115 | Piggyback Diaphragm | 7" - 10" 17.8 cm - 25.4 cm | 3" - 5" 7.6 cm - 12.7 cm | 10' 3 m | 17.5 lbs 7.94 Kg |
| **506271 | 6-CIM-R | 1/3 | 115 | Manual | - | - | 10' 3 m | 16.5 lbs 7.48 Kg |
| **506274 | 6-CIM-R | 1/3 | 115 | Manual | - | - | 25' 7.6 m | 18 lbs 8.16 Kg |

* Leg kit included

** 1-1/4" FNPT reducer bushing and 3/4" GHT garden hose adapter included

SUMP PUMP SWITCH REPAIR KIT

APPLICATIONS

- Switch repair kit

FEATURES

- Includes pressure switch bracket assembly, screw, diaphragm, and O-ring

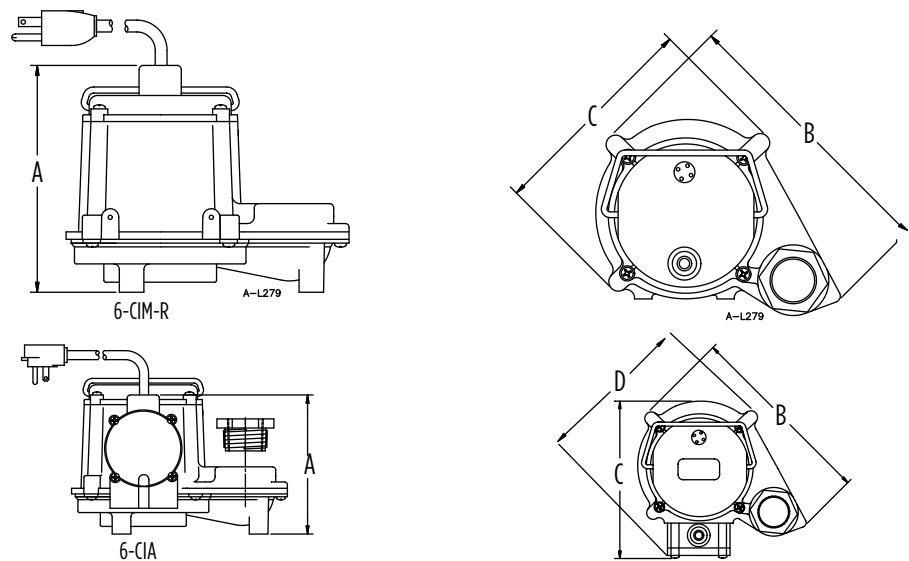


| Item No. | Model | Volts | Housing |
|----------|-----------|---------------------------|---------|
| 599300 | SPRK-1 | 6-CIA, 8-CIA, and 8-CBA | ✓ |
| 599310 | SPRK-1-ML | 6-CIA-ML (used in WRSC-6) | ✓ |
| 599320 | SPRK-2 | 6-CIA, 8-CIA, and 8-CBA | - |
| 599314 | SPRK-2-ML | 6-CIA-ML (used in WRSC-6) | - |

SUMP PUMPS

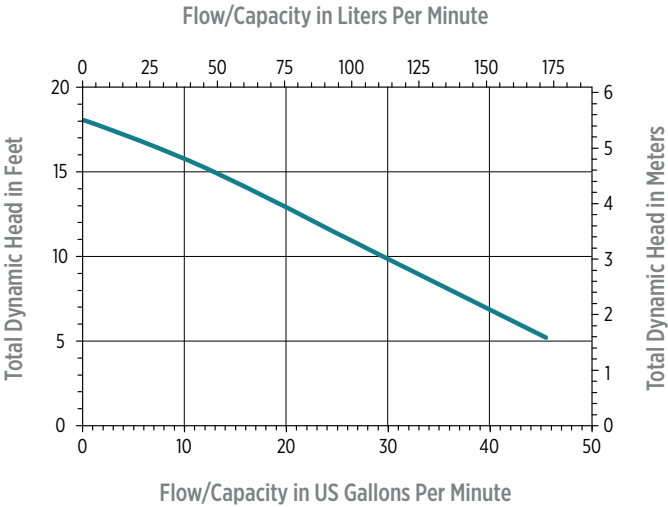
6 SERIES - 1/3 HP

ENGINEERING DATA



| Model | A | B | C | D |
|------------------------------|-------------------|------------------|------------------|------------------|
| 6-CIM-R, 6-CIA-RFS, 6-CIA-RF | 7.25" 18.42 cm | 9.5" 24.13 cm | 7.2" 18.29 cm | — |
| 6-CIA | 6" 15.24 cm | 9.5" 24.13 cm | 8.5" 21.59 cm | 8.2" 20.83 cm |

PERFORMANCE DATA



CONSTRUCTION

| | |
|--------------------------|---|
| Motor Housing | Epoxy-coated cast iron |
| Impeller Material | Nylon |
| Impeller Type | Non-clog |
| Volute | Polypropylene |
| Motor Shaft | CRS |
| Shaft Seal | Mechanical shaft seal nitrile with carbon and ceramic faces |
| Fasteners | Stainless steel |
| Bearings | Upper: Sintered iron/copper, flanged sleeve Lower: Sintered iron/copper, flanged steel |
| Power Cord | 18-3, SJTW |

