

HYDROMATIC® SK SEWAGE SERIES SUBMERSIBLE SEWAGE EJECTOR PUMPS

Applications

- Commercial Sewage
- Residential Sewage
- High-Capacity Sump
- Septic Tank Effluent



- The Redesigned SK75 & SK100 Appearance
- The SK50 is now Available in Automatic Operation with the New Non-Clog Diaphragm Switch
- The SK60 is now Available in Automatic Operation with the Wide Angle Float Switch

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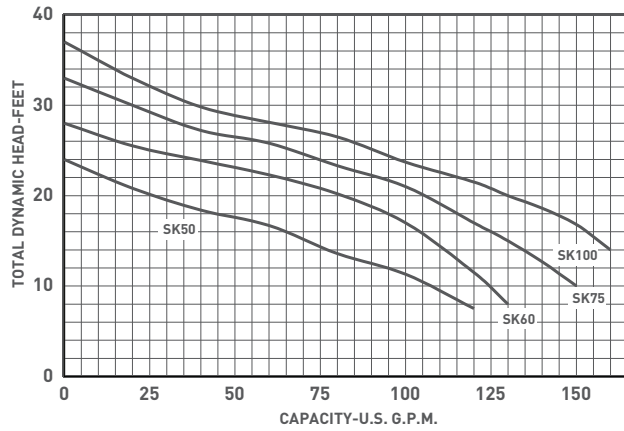
Pump Characteristics

| Pump/Motor Unit | Submersible | | | | | | |
|-----------------------|--|----------------------|-------------------------------------|-------------|-----|-----|-----|
| SK50 Manual Models | M1 | | M2 | | | | |
| SK50 Automatic Models | A1 | | - | | | | |
| Horsepower | 1/2 | | | | | | |
| Full Load Amps | 12.0 | | 6.0 | | | | |
| Motor Type | Split Phase w/ Thermal Overload Protection | | | | | | |
| Temperature | 130o F Ambient | | | | | | |
| Weight | 54 lbs. | | | | | | |
| SK60 Manual Models | M1 | M7 | M2 | M6 | M3 | M4 | M5 |
| SK60 Automatic Models | A1 | - | A2 | - | - | - | - |
| Horsepower | 6/10 | | | | | | |
| Full Load Amps | 12 | 6.9 | 6.0 | 3.0 | 2.5 | 1.3 | 1.1 |
| Temperature | 130o F Ambient | | | | | | |
| Weight | 56 lbs. | | | | | | |
| SK75 Manual Models | - | M7 | M2 | M6 | M3 | M4 | M5 |
| Horsepower | 3/4 | | | | | | |
| Full Load Amps | - | 10.4 | 9.0 | 4.0 | 3.5 | 1.8 | 1.5 |
| Temperature | 140o F Ambient | | | | | | |
| Weight | 76 lbs. | | | | | | |
| SK100 Manual Models | - | M7 | M2 | M6 | M3 | M4 | M5 |
| Horsepower | 1 | | | | | | |
| Full Load Amps | - | 11.5 | 11.0 | 5.0 | 4.4 | 2.2 | 1.7 |
| Temperature | 140o F Ambient | | | | | | |
| Weight | 78 lbs. | | | | | | |
| Motor Type | Split Phase | | | Three-Phase | | | |
| R.P.M. | 1750 | | | | | | |
| Phase | 1 | | | 3 | | | |
| Voltage | 115 | 200 | 230 | 200 | 230 | 460 | 575 |
| Hertz | 60 | | | | | | |
| Operation | Intermittent | | | | | | |
| NEMA Design | A | | | | | | |
| Insulation | Class A | | | | | | |
| Discharge Size | 2" NPT std. (3" opt.) | | | | | | |
| Solids Handling | 2" | | | | | | |
| Power Cord | SK50 | 115V | 16/3, SJTA, 10, 10' std. (20' opt.) | | | | |
| | | 230V | 16/3, SJTA, 10, 10' std. | | | | |
| | SK60 | 115V | 16/3, STWA, 10, 10' std. (20' opt.) | | | | |
| | | 200V/230V | 16/3, STWA, 10, 20' std. | | | | |
| | 30 | 16/4, STWA, 20' std. | | | | | |
| SK75/SK100 | 16/3, STWA, 10, 20' std. | | | | | | |
| | 16/4, STWA, 30, 20' std. | | | | | | |

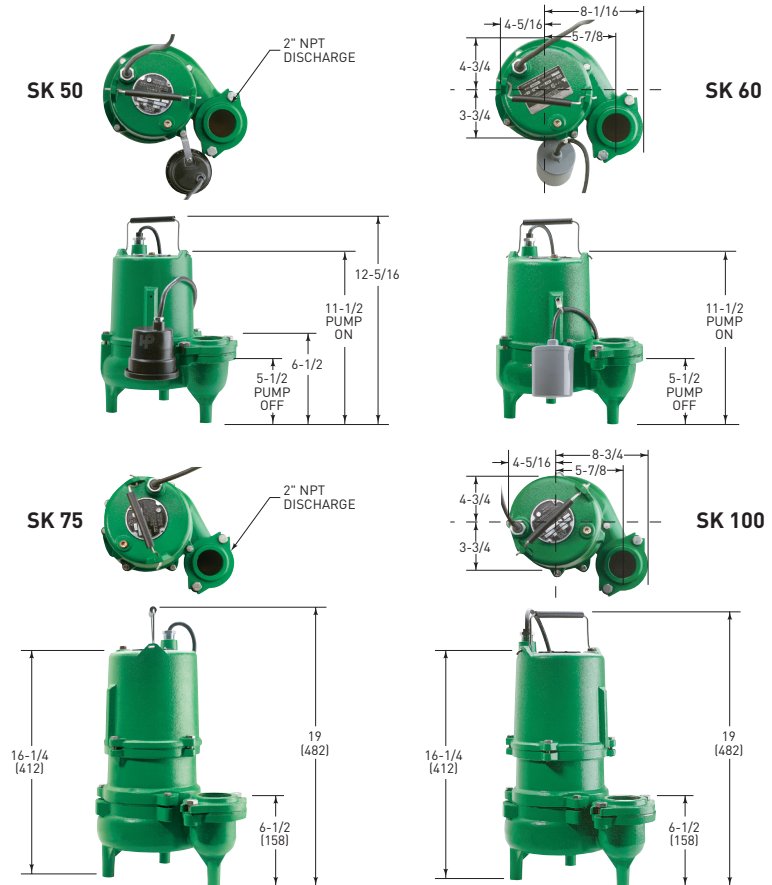
Materials of Construction

| | |
|-----------------------|----------------------------|
| Handle | Steel |
| Lubricating Oil | Dielectric Oil |
| Motor Housing | Cast Iron |
| Pump Casing | Cast Iron |
| Shaft | Stainless Steel |
| Mechanical Shaft Seal | Seal Faces: Carbon/Ceramic |
| | Seal Body: Brass |
| | Spring: Stainless Steel |
| | Bellows: Buna-N |
| Impeller | Cast Iron |
| Upper Bearing | Single Row Ball Bearing |
| Lower Bearing | Single Row Ball Bearing |
| Fasteners | Stainless Steel |

Performance Data



Dimensional Data



All dimensions in inches. Metric for international use. Component dimensions may vary ± 1/8 inch. Dimensional data not for construction purpose unless certified. Dimensions and weights are approximate. On/Off level adjustable.



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Because we are continuously improving our products and services, Pentair reserves the right to change specifications without prior notice.