



K5/7/10SDS

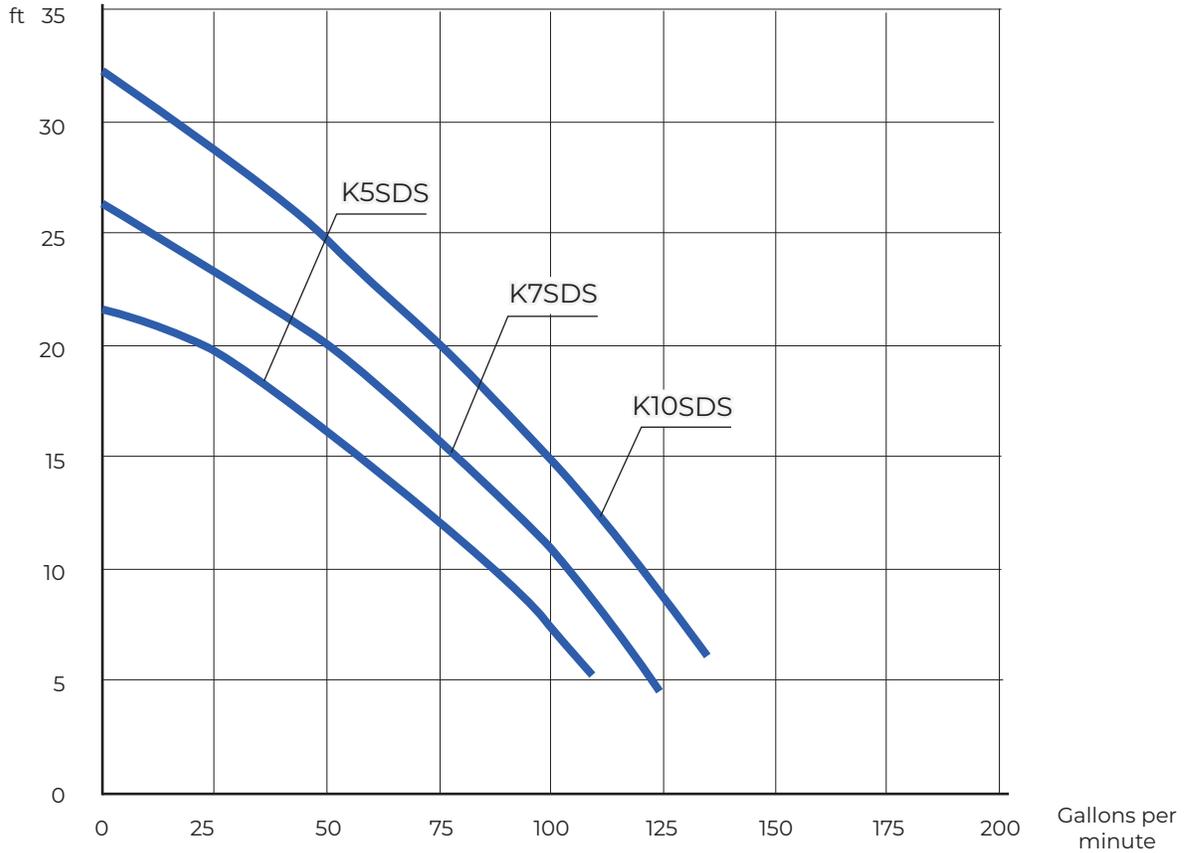
1/2-1HP Sewage Pump

- 1.5" Solids-Handling
- Stainless Steel "Keyed" Shaft
- Flows to 160 GPM
- Heads to 33 Feet
- 1/2 HP - 1 HP, 3450 RPM
- 2" NPT Discharge
- Optional Piggyback Float Switch



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|-------------|----------|-----------|----|------------------|--|
| PUMP SERIES | | KW-52 | | 10 VANE IMPELLER | |
| Speed | 3450 RPM | Discharge | 2" | STANDARD FLOW | |

PERFORMANCE



| MODEL | HP | VOLTS | PHASE | RPM | FULL LOAD AMPS | LOCKED ROTOR AMPS | CORD SIZE | CORD TYPE | WEIGHT (POUNDS) |
|--------|------|---------|-------|------|----------------|-------------------|-----------|-----------|-----------------|
| K5SDS | 0.5 | 115/127 | 1/60 | 3450 | 10 | 37 | 14/3 | SJTOW | 57 |
| K7SDS | 0.75 | 115/127 | 1/60 | 3450 | 12 | 45 | 14/3 | SJTOW | 58 |
| K10SDS | 1 | 115/127 | 1/60 | 3450 | 15 | 45 | 14/3 | SJTOW | 59 |

The curves reflect maximum performance characteristics without exceeding full load. Operation is recommended in the bounded area with operational point within the curve limit. Performance curves are based on actual tests with clear water at 70° F and 1280 feet site elevation.

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|----------------------------|---|
| Discharge: | 2" NPT, female, vertical. |
| Liquid temperature: | 104°F (40°C) Continuous |
| Volute: | Cast iron ASTM A-48 class 30. |
| Motor housing: | Cast iron ASTM A-48 class 30. |
| Seal Plate: | Cast iron ASTM A-48 class 30. |
| Impeller: | Cast Iron ASTM A-48, Class 30, 2 Vane open with pump out vanes on back side. |
| Shaft: | 420 Stainless Steel. |
| O-rings: | Buna-N. |
| Seal: | Dual Mechanical Seals (Motor Side) Rotating Face - Carbon, Stationary Face - Ceramic (Pump Side) Rotating Face - Silicon Carbide, Stationary Face - Silicon Carbide |
| Hardware: | 300 series stainless steel. |
| Cord entry: | 20 Ft Cord With Pressure Grommet for Sealing, UL listed SJTOW |
| Upper bearing: | Ball, single row, oil lubricated, for radial loads. |
| Lower bearing: | Ball, single row, oil lubricated, for radial and axial loads. |
| Motor: | Single Phase, 3450 RPM, 115V, 60 Hz. Includes Overload Protection in the motor, Oil Filled, Class B, Capacitor Start / Capacitor Run |
| Switch Type: | Piggy-back Float Switch |

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