

MODEL: S3SD/SB3SD — Standard Dual Seal Sewage Ejector Pumps

Physical Data:

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|----------------|------------------------------|
| DISCHARGE SIZE | 3" |
| IMPELLER TYPE | BALANCED, SEMI OPEN, 2 VANE |
| CABLE LENGTH | 35' STANDARD 50' OPTIONAL |

Liquid Handling:

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|---------------------|-------------|
| SOLIDS SIZE | 2-1/2" |
| MAXIMUM LIQUID | 140°F |
| ACCEPTABLE PH RANGE | 6 - 9 |
| SPECIFIC GRAVITY | 0.9 - 1.1 |
| VISCOSITY | 28 - 35 SSU |

Temperature:

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|-----------------|--|
| MAXIMUM STATOR | 311°F |
| OIL FLASH POINT | 390°F |
| HEAT SENSOR | Open: 257°F MAX./239°F MIN. Closed: 194°F MAX./119°F MIN. |

Technical Data:

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|---------------------------|----------------------------|---------------------------------|------|------|----------|
| POWER CORD TYPE | SOOW, W | | | | |
| MATERIALS OF CONSTRUCTION | MOTOR HOUSING | CAST IRON | ASTM | A-48 | CLASS 30 |
| | CASING | CAST IRON | ASTM | A-48 | CLASS 30 |
| | IMPELLER | DUCTILE IRON | ASTM | 536 | |
| | MOTOR SHAFT | 400 STAINLESS STEEL | | | |
| | HARDWARE | 300 SERIES STAINLESS STEEL | | | |
| | "O" RINGS | NITRILE | | | |
| MECHANICAL SEALS | Standard: | CARBON/CERAMIC/NITRILE, TYPE 21 | | | |
| UPPER BEARING(RADIAL) | SINGLE ROW — BALL | | | | |
| LOWER BEARING | (THRUST) SINGLE ROW — BALL | | | | |