

SUBMERSIBLE SOLIDS HANDLING PUMPS

S4T(X)P

PHYSICAL DATA

| | | |
|----------------|-----------|----------------------------|
| DISCHARGE SIZE | | 4" |
| IMPELLER TYPE | | BALANCED, ENCLOSED, 2 VANE |
| CABLE LENGTH | Standard: | 35' |
| | Optional: | 50', 75', 100' |

LIQUID HANDLING

| | | |
|----------------------|--|-----------|
| SOLIDS SIZE | | 3" |
| MAXIMUM LIQUID TEMP. | | 140°F |
| ACCEPTABLE PH RANGE | | 6-9 |
| SPECIFIC GRAVITY | | 0.9-1.1 |
| VISCOSITY | | 28-35 SSU |

TEMPERATURE

| | | |
|-----------------|---------|-----------------------|
| MAXIMUM STATOR | | 311°F |
| OIL FLASH POINT | | 390°F |
| HEAT SENSOR | Open: | 311°F MAX./293°F MIN. |
| | Closed: | 243°F MAX./192°F MIN. |

TECHNICAL DATA

| | | | | | |
|---------------------------|------------------|--|------|-----------|-----------|
| POWER CORD TYPE | | SOOW, W, GGC | | | |
| SENSOR CORD TYPE | | SOOW | | | |
| MATERIALS OF CONSTRUCTION | MOTOR HOUSING | CAST IRON | ASTM | A-48 | CLASS 30 |
| | CASING | CAST IRON | ASTM | A-48 | CLASS 30 |
| | IMPELLER | DUCTILE IRON | ASTM | A-536 | |
| | CASING WEAR RING | BRONZE | ASTM | B-584-836 | ALLOY 115 |
| | MOTOR SHAFT | 416 STAINLESS STEEL | | | |
| | HARDWARE | 300 SERIES STAINLESS STEEL | | | |
| | "O" RINGS | NITRILE | | | |
| MECHANICAL SEALS | Standard: | UPPER - CARBON/SILICON CARBIDE/FLUROCARBON, TYPE 2100, LOWER - SILICON CARBIDE/CARBON/FLUROCARBON, TYPE 2 | | | |
| | Optional: | UPPER SILICON CARBIDE/SILICON CARBIDE/FLUROCARBON, TYPE 2100 | | | |
| | Optional: | LOWER TUNGSTEN CARBIDE/TUNGSTEN CARBIDE/FLUROCARBON, TYPE 2 | | | |
| | Optional: | LOWER SILICON CARBIDE/SILICON CARBIDE/FLUROCARBON, TYPE 2 | | | |
| UPPER BEARING | | (RADIAL) SINGLE ROW-BALL | | | |
| LOWER BEARING | | (THRUST) DOUBLE ROW, ANGULAR CONTACT-BALL | | | |

1101 Myers Parkway
Ashland, OH 44805
Ph: 855.274.8947
Fx: 800.426.9446

490 Pinebush Rd., Unit 4
Cambridge, Ontario N1T 0A5, Canada
Ph: 800.363.7867
Fx: 888.606.5484

pentair.com