

MODEL: S4L(X) — Solids Handling Sewage Pumps

Physical Data:

DISCHARGE SIZE	4"
IMPELLER TYPE	BALANCED, ENCLOSED, 2 VANE
CABLE LENGTH	35' STANDARD 50' OPTIONAL

Liquid Handling:

SOLIDS SIZE	3-1/4"
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: 275°F MAX./257°F MIN. Closed: 205°F MAX./154°F MIN.

Technical Data:

POWER CORD TYPE		SOOW, W			
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 AND LOWER CARBON / CERAMIC / NITRILE, TYPE 21 Optional: LOWER TUNGSTEN CARBIDE / TUNGSTEN CARBIDE / NITRILE, TYPE 21 Optional: LOWER SILICON CARBIDE / SILICON CARBIDE / NITRILE, TYPE 21			
UPPER BEARING		(RADIAL) SINGLE ROW — BALL			
LOWER BEARING		(THRUST) SINGLE ROW — BALL			