

MODEL: S12L(X) — Solids Handling Sewage Pumps

Physical Data:

DISCHARGE SIZE	12"
IMPELLER TYPE	BALANCED, ENCLOSED, 2 VANE
CABLE LENGTH	35' STANDARD 50' OPTIONAL

Liquid Handling:

SOLIDS SIZE	6"
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 AND LOWER CARBON / CERAMIC / FLUOROCARBON, TYPE 21			
	Optional:	LOWER TUNGSTEN CARBIDE / TUNGSTEN CARBIDE / FLUOROCARBON, TYPE 21			
	Optional:	LOWER SILICON CARBIDE / SILICON CARBIDE / FLUOROCARBON, TYPE 21			
UPPER BEARING	(RADIAL) SINGLE ROW — BALL				
LOWER BEARING	(THRUST) SINGLE ROW — BALL				