

MODEL: S4N/S4NX/S4NS — 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"
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: 257°F MAX./239°F MIN. Closed: 194°F MAX./119°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 (316 STAINLESS FOR S4NS)
	CASING	CAST IRON ASTM A-48 CLASS 30 (316 STAINLESS FOR S4NS)
	IMPELLER	DUCTILE IRON ASTM A-536 (316 STAINLESS FOR S4NS)
	CASING WEAR RING	BRONZE ASTM B-584-932 ALLOY 315
	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	