

## MODEL: S3W — Standard Solids Handling Sewage Pumps

### Physical Data:

DISCHARGE SIZE	3"
IMPELLER TYPE	BALANCED, ENCLOSED, 2 VANE
CABLE LENGTH	20' STANDARD

### Liquid Handling:

SOLIDS SIZE	2" – 3450 RPM / 2-1/2" – 1750 RPM
MAXIMUM LIQUID TEMP.	140°F
ACCEPTABLE PH RANGE	6 – 9
SPECIFIC GRAVITY	0.9 – 1.1
VISCOSITY	28 – 35 SSU

### Temperature:

MAXIMUM STATOR	260°F
OIL FLASH POINT	390°F

### Technical Data:

POWER CORD TYPE	SOOW	
SENSOR CORD TYPE	SJOOW	
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 CLASS 65
	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	