

MODEL: S3WR – Standard Recessed Impeller Sewage Pumps

Physical Data:

DISCHARGE SIZE	3"
IMPELLER TYPE	BALANCED, RECESSED, OPEN VANE, SEMI-OPEN VORTEX
CABLE LENGTH	20' STANDARD

Liquid Handling:

SOLIDS SIZE	2" – 1750 RPM / 2-1/2" – 3450 RPM
MAXIMUM LIQUID TEMP.	140°
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			