

MODEL: S3HRC/S3HVX — Recessed Impeller Sewage Pumps

Physical Data:

DISCHARGE SIZE	3"
IMPELLER TYPE	BALANCED, RECESSED, 8 VANE, SEMI-OPEN VORTEX
CABLE LENGTH	35' STANDARD 50' OPTIONAL

Liquid Handling:

SOLIDS SIZE	2"
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
	CASING	CAST IRON	ASTM A-48 CLASS 30
	IMPELLER	DUCTILE IRON	ASTM A-536
	CASING WEAR RING	N/A	
	MOTOR SHAFT	416 STAINLESS STEEL	
	HARDWARE	300 SERIES STAINLESS STEEL	
	"O" RINGS	NITRILE	
MECHANICAL SEALS	Standard: Optional: Optional:	UPPER AND LOWER CARBON / CERAMIC / NITRILE, TYPE 21 LOWER TUNGSTEN CARBIDE / TUNGSTEN CARBIDE / NITRILE, TYPE 21 LOWER SILICON CARBIDE / SILICON CARBIDE / NITRILE, TYPE 21	
UPPER BEARING	(RADIAL)	SINGLE ROW — BALL	
LOWER BEARING	(THRUST)	SINGLE ROW — BALL	