

SUBMERSIBLE SOLIDS HANDLING PUMPS

4VL(X)P

PHYSICAL DATA

DISCHARGE SIZE		4"
IMPELLER TYPE		BALANCED, ENCLOSED, 2 VANE
CABLE LENGTH	Standard:	35'
	Optional:	50', 75', 100'

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: 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 - CARBON/SILICON CARBIDE/FLUOROCARBON, TYPE 2100, LOWER - SILICON CARBIDE/CARBON/FLUOROCARBON, TYPE 2			
	Optional:	UPPER SILICON CARBIDE/SILICON CARBIDE/FLUOROCARBON, TYPE 2100			
	Optional:	LOWER TUNGSTEN CARBIDE/TUNGSTEN CARBIDE/FLUOROCARBON, TYPE 2			
	Optional:	LOWER SILICON CARBIDE/SILICON CARBIDE/FLUOROCARBON, TYPE 2			
UPPER BEARING	(RADIAL) SINGLE ROW-BALL				
LOWER BEARING	(THRUST) DOUBLE ROW, ANGULAR CONTACT-BALL				

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