

## **S4HV(X)P - HYDROMATIC PREMIUM EFFICIENT (HPE)** SUBMERSIBLE SOLIDS HANDLING PUMPS

## **PHYSICAL DATA**

DISCHARGE SIZE	4"
SOLIDS SIZE	3"
IMPELLER TYPE	BALANCED, VORTEX
CABLE LENGTH	35' STANDARD, 50', 75', 100' OPTIONAL
PAINT	PAINTED AFTER ASSEMBLY. DARK GREEN, WATER REDUCIBLE ENAMEL, ONE COAT, AIR DRIED.

## TEMPERATURE

MAXIMUM LIQUID	104° F LABELED/140° F UNLABELED
MAXIMUM STATOR	356° F (180° C)
OIL FLASH POINT	309° F
HEAT SENSOR OPEN	275° F MAX./257° F MIN.
HEAT SENSOR CLOSED	204° F MAX.

## **TECHNICAL DATA**

MOTOR		PREMIUM EFFICIENT NEMA MG1, IEC 60034 -30 LEVEL IE3	
POWER CORD TYPE		W OR SOOW, WATER RESISTANT, 600V, 90° C	
SENSER CORD		S00W, 18-5, WATER RESISTANT, 600V, 90° C, 5.5 AMPS	
MATERIALS OF CONSTRUCTION	MOTOR HOUSING	CAST IRON ASTM A-48 CLASS 30	
	CASING	CAST IRON ASTM A-48 CLASS 30	
	IMPELLER	CAST IRON ASTM A-48 CLASS 30	
	CASING WEAR RING	Ν/Α	
	MOTOR SHAFT	416 STAINLESS STEEL	
	HARDWARE	300 SERIES STAINLESS STEEL	
	0-RINGS	NITRILE	
MECHANICAL STANDARD SEALS		UPPER - C/SIC TYPE 2100, LOWER - C/SIC TYPE 2	
UPPER BEARING		(RADIAL)SINGLE ROW - BALL	
LOWER BEARING		(THRUST)DOUBLE ROW, ANGULAR CONTACT - BALL	



740 East 9th Street, Ashlkand, OH 44805, USA Phone: 855.274.7483 Orders Fax: 800.426.8947 490 Pinebush Road, Unit 4Cambridge, Ontario N1T 0A5, Canada Phone: 800.363.7867 pentair.com

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