

S4P(X)P - HYDROMATIC PREMIUM EFFICIENT (HPE)

SUBMERSIBLE SOLIDS HANDLING PUMPS

PHYSICAL DATA

DISCHARGE SIZE	4"		
SOLIDS SIZE	3"		
IMPELLER TYPE	BALANCED, ENCLOSED, 2 VANE		
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	DUCTILE IRON	ASTM	A-536	CLASS 65	
	CASING WEAR RING	BRONZE	ASTM	B-584-836	ALLOY 115	
	MOTOR SHAFT	416 STAINLESS STEEL				
	HARDWARE	300 SERIES STAINLESS STEEL				
	0-RINGS	NITRILE				
MECHA	NICAL 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				CT-BALL		



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