

S4M(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	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	ENSOR 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		SOOW, 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			
	O-RINGS	NITRILE			
MECHA	ECHANICAL STANDARD SEALS UPPER - C/SIC TYPE 2100, LOWER - C/SIC TYPE 2			TYPE 2	
UPPER	BEARING	(RADIAL)SINGLE ROW - BALL			
LOWER BEARING (THRUST) DOUBLE ROW, ANGULAR CONTACT - BALL				CT-BALL	



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