

S8F(X)P - HYDROMATIC PREMIUM EFFICIENT (HPE) SUBMERSIBLE SOLIDS HANDLING PUMPS

PHYSICAL DATA

DISCHARGE SIZE	8"	
SOLIDS SIZE	3-1/4"	
IMPELLER TYPE	PELLER TYPE BALANCED, ENCLOSED, 2 VANE	
CABLE LENGTH	LENGTH 35' STANDARD, 50', 75', 100' OPTIONAL	
PAINT	NT 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	L FLASH POINT 309° F		
HEAT SENSOR OPEN	SOR 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	CASTIRON	ASTM	A-48	CLASS 30		
	CASING	CASTIRON	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	NICAL STANDARD SEALS	UPPER - C/SIC TYPE 2100, LOWER - C/SIC TYPE 2					
UPPER	BEARING	(RADIAL) SINGLE ROW - BALL					
LOWER	LOWER BEARING (THRUST) DOUBLE ROW, ANGULAR CONTACT - BALL				-BALL		



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