

H3H(X)P - HYDROMATIC PREMIUM EFFICIENT (HPE) SUBMERSIBLE SOLIDS HANDLING PUMPS

PHYSICAL DATA

DISCHARGE SIZE	3"		
SOLIDS SIZE	3"		
IMPELLER TYPE	BALANCED, ENCLOSED, MONOVANE		
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 TYPE		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 BEARING (THRUST) DOUBLE ROW, ANGULAR CONTACT - BALL							



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