

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			
SENER CORD TYPE	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		
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			