

## MODEL: H4H(X)P - Hydromatic® Premium Efficient (HPE) Submersible Solids Handling Pumps

### Physical Data:

DISCHARGE SIZE	4"
SOLIDS SIZE	3"
IMPELLER TYPE	BALANCED, ENCLOSED, MONOVANE
CABLE LENGTH	35' STANDARD WITH OPTIONAL QUICK CHANGE CONNECTOR 50', 75', 100' OPTIONAL WITH OPTIONAL QUICK CHANGE CONNECTOR
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. 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	
SENDER 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 STAINLESSS STEEL
	HARDWARE	300 SERIES STAINLESS STEEL
	O-RINGS	NITRILE
MECHANICAL SEALS	STANDARD    UPPER - SIC TYPE 2100, LOWER - SIC TYPE 2 OPTIONAL    CARTRIDGE SEAL	
UPPER BEARING	(RADIAL) SINGLE ROW - BALL	
LOWER BEARING	(THRUST) DOUBLE ROW, ANGULAR CONTACT - BALL	