

# C4H(X)P - HYDROMATIC PREMIUM EFFICIENT (HPE) SUBMERSIBLE SOLIDS HANDLING CHOPPER PUMPS

## PHYSICAL DATA

<b>DISCHARGE SIZE</b>	4"
<b>IMPELLER TYPE</b>	BALANCED, SEMI-OPEN
<b>CABLE LENGTH</b>	35' STANDARD, 50', 75', 100' OPTIONAL
<b>PAINT</b>	PAINTED AFTER ASSEMBLY. DARK GREEN, WATER REDUCIBLE ENAMEL, ONE COAT, AIR DRIED.

## TEMPERATURE

<b>MAXIMUM LIQUID</b>	104° F LABELED/140° F UNLABELED
<b>MAXIMUM STATOR</b>	356° F (180° C)
<b>OIL FLASH POINT</b>	309° F
<b>HEAT SENSOR OPEN</b>	275° F MAX./257° F MIN.
<b>HEAT SENSOR CLOSED</b>	204° F MAX.

## TECHNICAL DATA

<b>MOTOR</b>	PREMIUM EFFICIENT NEMA MG1, IEC 60034 -30 LEVEL IE3	
<b>POWER CORD TYPE</b>	W OR SOOW, WATER RESISTANT, 600V, 90° C	
<b>SENER CORD</b>	SOOW, 18-5, WATER RESISTANT, 600V, 90° C, 5.5 AMPS	
<b>MATERIALS OF CONSTRUCTION</b>	<b>MOTOR HOUSING</b>	CAST IRON    ASTM    A-48    CLASS 30
	<b>CASING</b>	CAST IRON    ASTM    A-48    CLASS 30
	<b>IMPELLER</b>	DUCTILE IRON    ASTM    A-536
	<b>CHOPPER PLATE / CUTTER</b>	440 STAINLESS STEEL, HARDENED
	<b>MOTOR SHAFT</b>	416 STAINLESS STEEL
	<b>HARDWARE</b>	300 SERIES STAINLESS STEEL
	<b>O-RINGS</b>	NITRILE
<b>MECHANICAL STANDARD SEALS</b>	UPPER - C/SIC TYPE 2100, LOWER - C/SIC TYPE 2	
<b>UPPER BEARING</b>	(RADIAL) SINGLE ROW - BALL	
<b>LOWER BEARING</b>	(THRUST) DOUBLE ROW, ANGULAR CONTACT - BALL	