

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

PHYSICAL DATA

DISCHARGE SIZE	4"
IMPELLER TYPE	BALANCED, SEMI-OPEN
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		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	
	CHOPPER PLATE / CUTTER	440 STAINLESS STEEL, HARDENED	
	MOTOR SHAFT	416 STAINLESS STEEL	
	HARDWARE	300 SERIES STAINLESS STEEL	
	0-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	



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