

HYDROMA

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

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	
	CHOPPER PLATE / CUTTER	440 STAINLESS STEEL, HARDENED			
	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			



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