

## MODEL: C4S(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 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	
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
	CHOPPER PLATE / CUTTER	440 STAINLESS STEEL, HARDENED
	MOTOR SHAFT	416 STAINLESS STEEL
	HARDWARE	300 SERIES STAINLESS STEEL
	O-RINGS	NITRILE
MECHANICAL SEALS	STANDARD    UPPER - C/SIC TYPE 2100, LOWER - C/SIC TYPE 2 OPTIONAL    CARTRIDGE SEAL	
UPPER BEARING	(RADIAL) SINGLE ROW - BALL	
LOWER BEARING	(THRUST) DOUBLE ROW, ANGULAR CONTACT - BALL	