

# C4S(X)P - HYDROMATIC PREMIUM EFFICIENT (HPE) SUBMERSIBLE SOLIDS HANDLING CHOPPER PUMPS

## PHYSICAL DATA

DISCHARGE SIZE	4"
SOLIDS SIZE	3"
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	
SENDER CORD	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
	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	