

SUBMERSIBLE SOLIDS HANDLING PUMPS

HPS4SD(X), HPS4HD(X), HPS6MD(X) SERIES

PHYSICAL DATA

DISCHARGE SIZE (125 # ANSI FLANGE HORIZONTAL ORIENTATION)	HPS4SD: 4", HPS4HD: 4", HPS6MD: 6"
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, 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	DUCTILE IRON	ASTM	A-536	CLASS 65
	IMPELLER	440 SST	ASTM	A-276	57-60 HRC
	CHOPPER LINER				
	MOTOR SHAFT	416 STAINLESS STEEL			
	HARDWARE	300 SERIES STAINLESS STEEL			
	O-RINGS	NITRILE			
STANDARD SEALS		CARTRIDGE: SEAL FACE MATERIALS - C/SIC			
UPPER BEARING		(RADIAL) SINGLE ROW - BALL			
LOWER BEARING		(THRUST) DOUBLE ROW, ANGULAR CONTACT - BALL			

*208V versions will not conform to IE3 standards.

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