

## S4MV(X)P - HYDROMATIC PREMIUM EFFICIENT (HPE) SUBMERSIBLE SOLIDS HANDLING PUMPS

### PHYSICAL DATA

DISCHARGE SIZE	4"
SOLIDS SIZE	3"
IMPELLER TYPE	BALANCED, ENCLOSED, VORTEX
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	CAST IRON	ASTM	A-48	CLASS 30
	CASING WEAR RING	N/A			
	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				