



**MODEL: H3H(X)P - Hydromatic® Premium Efficient (HPE)
Submersible Solids Handling Pumps**

Physical Data:

DISCHARGE SIZE	3"
SOLIDS SIZE	3"
IMPELLER TYPE	BALANCED, ENCLOSED, MONOVANE
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:

Technical Data:

MODEL: H4H(X)P - Hydromatic® Premium Efficient (HPE(FLfT-1 1483

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.



MODEL: C4S(X)P - Hydromatic® Premium Efficient (HPE) Submersible Solids Handling Chopper Pump

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 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	

MODEL: C4H(X)P - Hydromatic® Premium Efficient (HPE) Submersible Solids Handling Chopper Pump

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

MODEL: S4P(X)P - Hydromatic® Premium Efficient (HPE) Submersible Solids Handling Pumps

Physical Data:

DISCHARGE SIZE	4"
SOLIDS SIZE	2"
IMPELLER TYPE	BALANCED, ENCLOSED, 2 VANE
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, 600VTYPEOR

MODEL: 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 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:

**MODEL: S4HV(X)P - Hydromatic® Premium Efficient (HPE)
Submersible Solids Handling Pumps**

Physical Data:

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:

MODEL: S4K(X)P - Hydromatic

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.

MODEL: S4L(X)P - Hydromatic® Premium Efficient (HPE) Submersible Solids Handling Pumps

Physical Data:

DISCHARGE SIZE	4"
SOLIDS SIZE	3-1/4"
IMPELLER TYPE	BALANCED, ENCLOSED, 2 VANE
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:

Technical Data:



MODEL:

104° F LABEL Ep EMC 9.170(6276 cm 0 0 m 0 30

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.

**MODEL: S6A(X)P - Hydromatic® Premium Efficient (HPE)
Submersible Solids Handling Pumps**

Physical Data:

DISCHARGE SIZE	6"
SOLIDS SIZE	3-3/4"
IMPELLER TYPE	BALANCED, ENCLOSED, 2 VANE
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:

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 CLASS 65
	CASING WEAR RING	BRONZE ASTM B-584-836 ALLOY 115
	MOTOR SHAFT	416 STAINLESS STEEL
	HARDWARE	300 SERIES STAINLESS STEEL
	O-RINGS	NITRILE
MECHANICAL STANDARD SEALS OPTIONAL	UPPER - SIC TYPE 2100, LOWER - SIC TYPE 2	
	CARTRIDGE SEAL	
UPPER BEARING	(RADIAL) SINGLE ROW - BALL	
LOWER BEARING	(THRUST) DOUBLE ROW, ANGULAR CONTACT - BALL	



**MODEL: S8F(X)P - Hydromatic® Premium Efficient (HPE)
Submersible Solids Handling Pumps**

Physical Data:

DISCHARGE SIZE	8"
SOLIDS SIZE	3-1/4"
IMPELLER TYPE	BALANCED, ENCLOSED, 2 VANE
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:



MODEL: S4T(X)P — Solids Handling Sewage Pumps

Physical Data:

DISCHARGE SIZE	4"
IMPELLER TYPE	BALANCED, ENCLOSED, 2 VANE
CABLE LENGTH	35' STANDARD 50' OPTIONAL

Liquid Handling:

SOLIDS SIZE	3"
MAXIMUM LIQUID TEMP.	140°F
ACCEPTABLE PH RANGE	6 - 9
SPECIFIC GRAVITY	0.9 - 1.1
VISCOSITY	28 - 35 SSU

Temperature:

MAXIMUM STATOR	311°F
OIL FLASH POINT	390°F
HEAT SENSOR	Open: 311°F MAX./293°F MIN. Closed: 243°F MAX./192°F MIN.

Technical Data:

POWER CORD TYPE	SOOW, W, GGC				
SENSOR CORD TYPE	SOOW				
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	
	CASING WEAR RING	BRONZE	ASTM	B-584-836	ALLOY 115
	MOTOR SHAFT	416 STAINLESS STEEL			
	HARDWARE	300 SERIES STAINLESS STEEL			
	"O" RINGS	NITRILE			
MECHANICAL SEALS	Standard:	UPPER AND LOWER CARBON/CERAMIC/FLUOROCARBON, TYPE 21			
	Optional:	LOWER TUNGSTEN CARBIDE/TUNGSTEN CARBIDE/ FLUOROCARBON, TYPE 21			
	Optional:	LOWER SILICON CARBIDE/SILICON CARBIDE/ FLUOROCARBON, TYPE 21			
UPPER BEARING	(RADIAL) SINGLE ROW — BALL				
LOWER BEARING	(THRUST) SINGLE ROW — BALL				



MODEL: S8LA(X)P — Solids Handling Sewage Pumps

Physical Data:

DISCHARGE SIZE	8"
IMPELLER TYPE	BALANCED, ENCLOSED, 2 VANE
CABLE LENGTH	35' STANDARD 50' OPTIONAL

Liquid Handling:

SOLIDS SIZE	3"
MAXIMUM LIQUID TEMP.	140°F
ACCEPTABLE PH RANGE	6 -9
SPECIFIC GRAVITY	0.9 - 1.1
VISCOSITY	28 - 35 SSU

Temperature:

MAXIMUM STATOR	311°F
OIL FLASH POINT	390°F
HEAT SENSOR	Open: 311°F MAX./293°F MIN. Closed: 243°F MAX./192°F MIN.

Technical Data:

POWER CORD TYPE	SOOW, W, GGC			
SENSOR CORD TYPE	SOOW			
MOTOR HOUSING	CAST IRON	ASTM	A-48	CLASS 30
CASING	CAST IRON	ASTM	A-48	CLASS 30
IMPELLER	I009 2DUCTI At Span At TEF0009-BDC ()TjEMC 6.6 0 Td 10 BDM			

MODEL: S8L(X)P — Solids Handling Sewage Pumps**Physical Data:**

DISCHARGE SIZE	8"
IMPELLER TYPE	BALANCED, ENCLOSED, 2 VANE
CABLE LENGTH	35' STANDARD 50' OPTIONAL

Liquid Handling:

SOLIDS SIZE	4"
MAXIMUM LIQUID TEMP.	140°F
ACCEPTABLE PH RANGE	6 - 9
SPECIFIC GRAVITY	0.9 - 1.1
VISCOSITY	28 - 35 SSU

Temperature:

MAXIMUM STATOR	311°F
OIL FLASH POINT	390°F
HEAT SENSOR	Open: 311°F MAX./293°F MIN. Closed: 243°F MAX./192°F MIN.

Technical Data:

POWER CORD TYPE	SOOW, W, GGC
SENSOR CORD TYPE	SOOW
MOTOR HOUSING	CAST IRON ASTM A-48 CLASS 30
CASING	CAST IRON ASTM A-48 CLASS 30
IMPELLER	DUCTILE IRON ASTM A-536
CASING WEAR RING	BRONZE ASTM B-584-836 ALLOY 115
MOTOR SHAFT	416 STAINLESS STEEL
HARDWARE	300 SERIES STAINLESS STEEL
"O" RINGS	NITRILE
MECHANICAL SEALS	Standard: UPPER AND LOWER CARBON/CERAMIC/FLUOROCARBON, TYPE 21 Optional: LOWER TUNGSTEN CARBIDE/TUNGSTEN CARBIDE/ FLUOROCARBON, TYPE 21 Optional: LOWER SILICON CARBIDE/SILICON CARBIDE/ FLUOROCARBON, TYPE 21
UPPER BEARING	(RADIAL) SINGLE ROW — BALL
LOWER BEARING	(THRUST) SINGLE ROW — BALL



MODEL: S12L(X)P — Solids Handling Sewage Pumps

Physical Data:

DISCHARGE SIZE	12"
IMPELLER TYPE	BALANCED, ENCLOSED, 2 VANE
CABLE LENGTH	35' STANDARD 50' OPTIONAL

Liquid Handling:

SOLIDS SIZE	6"
MAXIMUM LIQUID TEMP.	140°F
ACCEPTABLE PH RANGE	6 - 9
SPECIFIC GRAVITY	0.9 - 1.1
VISCOSITY	28 - 35 SSU

Temperature:

MAXIMUM STATOR	311°F
OIL FLASH POINT	390°F
HEAT SENSOR	Open: 311°F MAX./293°F MIN. Closed: 243°F MAX./192°F MIN.

Technical Data:

POWER CORD TYPE	SOOW, W, GGC				
SENSOR CORD TYPE	SOOW				
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	
	CASING WEAR RING	BRONZE	ASTM	B-584-836	ALLOY 115
	MOTOR SHAFT	416 STAINLESS STEEL			
	HARDWARE	300 SERIES STAINLESS STEEL			
	"O" RINGS	NITRILE			
MECHANICAL SEALS	Standard:	UPPER AND LOWER CARBON/CERAMIC/FLUOROCARBON, TYPE 21			
	Optional:	LOWER TUNGSTEN CARBIDE/TUNGSTEN CARBIDE/ FLUOROCARBON, TYPE 21			
	Optional:	LOWER SILICON CARBIDE/SILICON CARBIDE/ FLUOROCARBON, TYPE 21			
UPPER BEARING	(RADIAL) SINGLE ROW — BALL				
LOWER BEARING	(THRUST) SINGLE ROW — BALL				