

Technical Data – H3H(X)P

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: CLOSED:	275° F MAX./257° F MIN.
	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 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 SEALS	STANDARD	UPPER - SIC TYPE 2100, LOWER - SIC TYPE 2			
	OPTIONAL	CARTRIDGE SEAL			
UPPER BEARING		(RADIAL) SINGLE ROW - BALL			
LOWER BEARING		(THRUST) DOUBLE ROW, ANGULAR CONTACT - BALL			

Technical Data – H4H(X)P

MODEL: H4H(X)P - Hydromatic® Premium Efficient (HPE)
Submersible Solids Handling Pumps
Physical Data:

DISCHARGE SIZE	4"
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:	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 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 SEALS	STANDARD	UPPER - SIC TYPE 2100, LOWER - SIC TYPE 2			
	OPTIONAL	CARTRIDGE SEAL			
UPPER BEARING		(RADIAL) SINGLE ROW - BALL			
LOWER BEARING		(THRUST) DOUBLE ROW, ANGULAR CONTACT - BALL			

Technical Data – S4M(X)P

MODEL: S4M(X)P - Hydromatic® Premium Efficient (HPE) Submersible Solids Handling Pumps

Physical Data:

DISCHARGE SIZE	4"
SOLIDS SIZE	3"
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, 600V, 90° C			
SENDER 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 SEALS	STANDARD	UPPER - SIC TYPE 2100, LOWER - SIC TYPE 2			
	OPTIONAL	CARTRIDGE SEAL			
UPPER BEARING		(RADIAL) SINGLE ROW - BALL			
LOWER BEARING		(THRUST) DOUBLE ROW, ANGULAR CONTACT - BALL			

Technical Data – C4S(X)P

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			
SENDER 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			

Technical Data – C4H(X)P

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	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			

Technical Data – S4P(X)P

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, 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 SEALS	STANDARD	UPPER - SIC TYPE 2100, LOWER - SIC TYPE 2			
	OPTIONAL	CARTRIDGE SEAL			
UPPER BEARING		(RADIAL) SINGLE ROW - BALL			
LOWER BEARING		(THRUST) DOUBLE ROW, ANGULAR CONTACT - BALL			

Technical Data – S4MV(X)P

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:

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	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 SEALS	STANDARD	UPPER - SIC TYPE 2100, LOWER - SIC TYPE 2			
	OPTIONAL	CARTRIDGE SEAL			
UPPER BEARING		(RADIAL) SINGLE ROW - BALL			
LOWER BEARING		(THRUST) DOUBLE ROW, ANGULAR CONTACT - BALL			

Technical Data – S4HV(X)P

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

DISCHARGE SIZE	4"
SOLIDS SIZE	3"
IMPELLER TYPE	BALANCED, 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:

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	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 SEALS	STANDARD	UPPER - SIC TYPE 2100, LOWER - SIC TYPE 2			
	OPTIONAL	CARTRIDGE SEAL			
UPPER BEARING		(RADIAL) SINGLE ROW - BALL			
LOWER BEARING		(THRUST) DOUBLE ROW, ANGULAR CONTACT - BALL			

Technical Data – S4K(X)P

MODEL: S4K(X)P - Hydromatic® Premium Efficient (HPE) Submersible Solids Handling Pumps

Physical Data:

DISCHARGE SIZE	4"
SOLIDS SIZE	3"
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, 600V, 90° C			
SENDER 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 SEALS	STANDARD	UPPER - SIC TYPE 2100, LOWER - SIC TYPE 2			
	OPTIONAL	CARTRIDGE SEAL			
UPPER BEARING		(RADIAL) SINGLE ROW - BALL			
LOWER BEARING		(THRUST) DOUBLE ROW, ANGULAR CONTACT - BALL			

Technical Data – S4L(X)P

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:	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	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 SEALS	STANDARD	UPPER - SIC TYPE 2100, LOWER - SIC TYPE 2			
	OPTIONAL	CARTRIDGE SEAL			
UPPER BEARING		(RADIAL) SINGLE ROW - BALL			
LOWER BEARING		(THRUST) DOUBLE ROW, ANGULAR CONTACT - BALL			

Technical Data – S4B(X)P

MODEL: S4B(X)P - Hydromatic® Premium Efficient (HPE) Submersible Solids Handling Pumps

Physical Data:

DISCHARGE SIZE	4"
SOLIDS SIZE	3"
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, 600V, 90° C			
SENDER 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 SEALS	STANDARD	UPPER - SIC TYPE 2100, LOWER - SIC TYPE 2			
	OPTIONAL	CARTRIDGE SEAL			
UPPER BEARING		(RADIAL) SINGLE ROW - BALL			
LOWER BEARING		(THRUST) DOUBLE ROW, ANGULAR CONTACT - BALL			

Technical Data – H4Q(X)P

MODEL: H4Q(X)P - Hydromatic® Premium Efficient (HPE)
Submersible Solids Handling Pumps
Physical Data:

DISCHARGE SIZE	4"
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:	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	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 SEALS	STANDARD	UPPER - SIC TYPE 2100, LOWER - SIC TYPE 2			
	OPTIONAL	CARTRIDGE SEAL			
UPPER BEARING		(RADIAL) SINGLE ROW - BALL			
LOWER BEARING		(THRUST) DOUBLE ROW, ANGULAR CONTACT - BALL			

Technical Data – S4LV(X)P

MODEL: S4LV(X)P - Hydromatic® Premium Efficient (HPE) Submersible Solids Handling Pumps

Physical Data:

DISCHARGE SIZE	4"
SOLIDS SIZE	3-1/4"
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:

MOTOR		PREMIUM EFFICIENT NEMA MG1, IEC 60034 -30 LEVEL IE3			
POWER CORD TYPE		W OR SOOW, WATER RESISTANT, 600V, 90° C			
SENDER 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 SEALS	STANDARD	UPPER - SIC TYPE 2100, LOWER - SIC TYPE 2			
	OPTIONAL	CARTRIDGE SEAL			
UPPER BEARING		(RADIAL) SINGLE ROW - BALL			
LOWER BEARING		(THRUST) DOUBLE ROW, ANGULAR CONTACT - BALL			

Technical Data – S6L(X)P

MODEL: S6L(X)P - Hydromatic® Premium Efficient (HPE)
Submersible Solids Handling Pumps
Physical Data:

DISCHARGE SIZE	6"
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:

MOTOR		PREMIUM EFFICIENT NEMA MG1, IEC 60034 -30 LEVEL IE3			
POWER CORD TYPE		W OR SOOW, WATER RESISTANT, 600V, 90° C			
SENDER 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 SEALS	STANDARD	UPPER - SIC TYPE 2100, LOWER - SIC TYPE 2			
	OPTIONAL	CARTRIDGE SEAL			
UPPER BEARING		(RADIAL) SINGLE ROW - BALL			
LOWER BEARING		(THRUST) DOUBLE ROW, ANGULAR CONTACT - BALL			

Technical Data – S6A(X)P

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:	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	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 SEALS	STANDARD	UPPER - SIC TYPE 2100, LOWER - SIC TYPE 2			
	OPTIONAL	CARTRIDGE SEAL			
UPPER BEARING		(RADIAL) SINGLE ROW - BALL			
LOWER BEARING		(THRUST) DOUBLE ROW, ANGULAR CONTACT - BALL			

Technical Data – S8F(X)P

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:

MOTOR		PREMIUM EFFICIENT NEMA MG1, IEC 60034 -30 LEVEL IE3			
POWER CORD TYPE		W OR SOOW, WATER RESISTANT, 600V, 90° C			
SENDER 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 SEALS	STANDARD	UPPER - SIC TYPE 2100, LOWER - SIC TYPE 2			
	OPTIONAL	CARTRIDGE SEAL			
UPPER BEARING		(RADIAL) SINGLE ROW - BALL			
LOWER BEARING		(THRUST) DOUBLE ROW, ANGULAR CONTACT - BALL			

Technical Data – S4T(X)P

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 LOWER TUNGSTEN CARBIDE / TUNGSTEN CARBIDE / FLUOROCARBON, TYPE 21 LOWER SILICON CARBIDE / SILICON CARBIDE / FLUOROCARBON, TYPE 21			
Optional:					
Optional:					
UPPER BEARING		(RADIAL) SINGLE ROW — BALL			
LOWER BEARING		(THRUST) SINGLE ROW — BALL			

Technical Data – S8LA(X)P

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			
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		UPPER AND LOWER CARBON / CERAMIC / FLUOROCARBON, TYPE 21 LOWER TUNGSTEN CARBIDE / TUNGSTEN CARBIDE / FLUOROCARBON, TYPE 21 LOWER SILICON CARBIDE / SILICON CARBIDE / FLUOROCARBON, TYPE 21			
Standard:					
Optional:					
	Optional:				
UPPER BEARING		(RADIAL) SINGLE ROW — BALL			
LOWER BEARING		(THRUST) SINGLE ROW — BALL			

Technical Data – S8L(X)P

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
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

Technical Data – S12L(X)P

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		UPPER AND LOWER CARBON / CERAMIC / FLUOROCARBON, TYPE 21 LOWER TUNGSTEN CARBIDE / TUNGSTEN CARBIDE / FLUOROCARBON, TYPE 21 LOWER SILICON CARBIDE / SILICON CARBIDE / FLUOROCARBON, TYPE 21			
	Standard:				
	Optional:				
UPPER BEARING		(RADIAL) SINGLE ROW — BALL			
LOWER BEARING		(THRUST) SINGLE ROW — BALL			