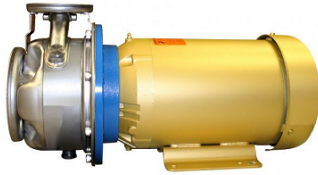




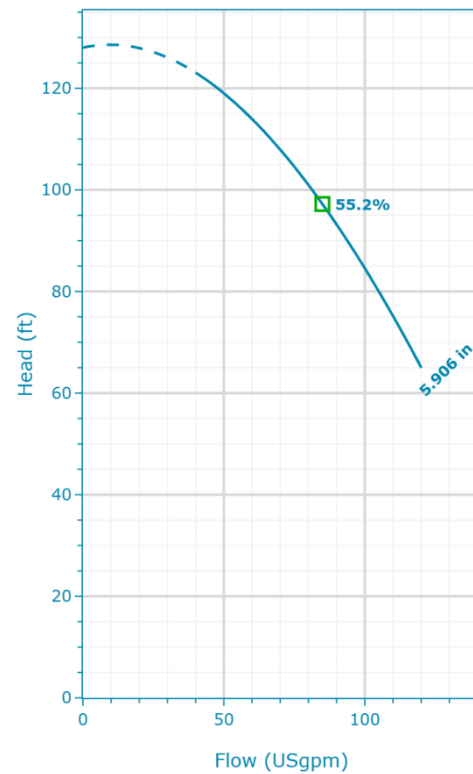
01SH06B05T3E2

Created On: 5/7/25

01SH06B05T3F2 | Configuration Summary



Highly efficient stainless steel end suction centrifugal pumps, equipped with NEMA Premium Efficient motors.



PUMP

Pump Size	Speed
1 x 2 - 6	3500
Installation	
Close Coupled	

SEAL

Type of Seal	Rotating Face
Type 21	Carbon
	Stationary Face
	Silicon Carbide
	Elastomers
	FKM
	Metal Components
	316 SS

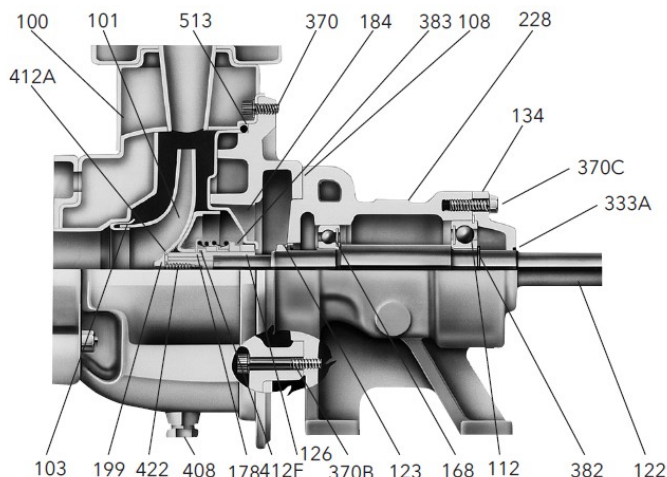
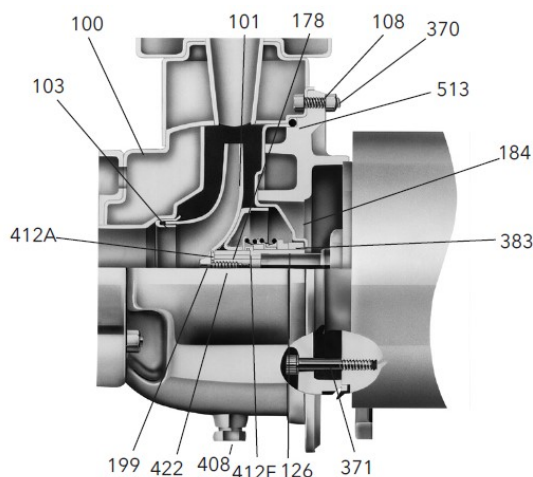
STANDARD OPTIONS

Casing Rotation
12 o'clock

MOTOR

Frequency (Hz)	Power
60	5 hp
Poles	Phase (~)
2	3
Enclosure	Voltage
TEPE	230/460 V
Frame Size	Sizing Method
184JM	Max Shaft Power Across Curve
	Service Factor
	1.15
	Allow Service Factor Usage
	No
	Upsize
	No

01SH06B05T3F2 | Product Details



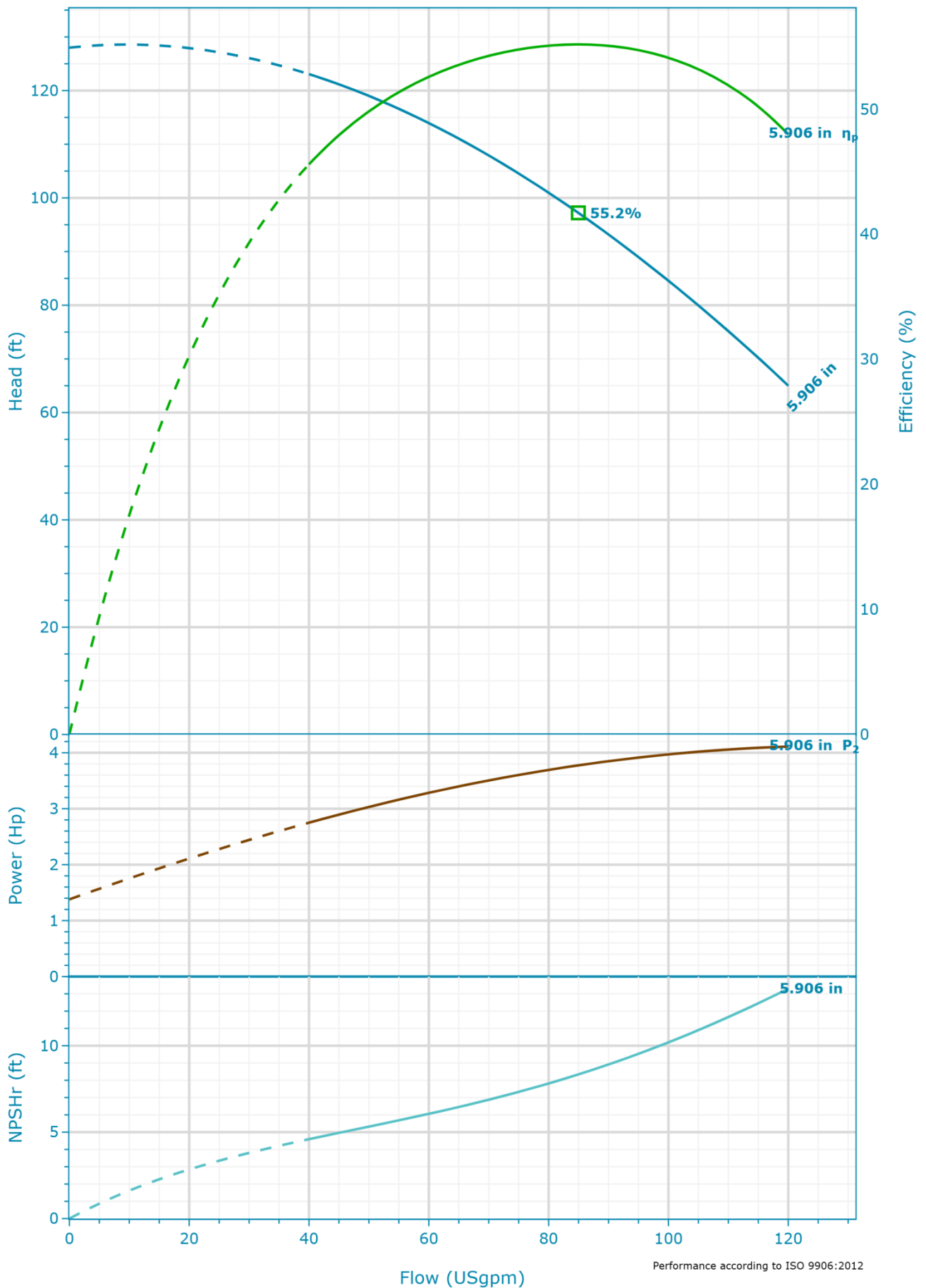
Construction Materials

Casing (100) Stainless steel 316L / EN 10088-1-X2CrNiMo17-12-2 (1.4404)	Adapter (108) Gray cast iron class 20B / ASTM A48	Shaft sleeve (126) Stainless steel 316 / ASTM A276	Seal housing (184) Stainless steel 316L / EN 10088-1-X2CrNiMo17-12-2 (1.4404)
Impeller (01SH06, 01SH08, 01SH10, 1XSH06, 1XSH08, 1XSH10, 02SH08, 02SH10) (101) Stainless steel 316L / EN 10088-1-X2CrNiMo17-12-2 (1.4404)	Ball bearing (outboard) (112) Steel	Bearing cover (134) Gray cast iron class 20B / ASTM A48	Grease fitting (M-group only) (193) Steel
Impeller (02SH06, 2XSH06, 2XSH08, 2XSH10, 03SH08, 03SH10) (101) Stainless steel CF8M / ASTM A744	Pump shaft (122) Steel grade 1213 / ASTM A108	Ball bearing (inboard) (168) Steel	Impeller washer (199) Stainless steel CF8M / ASTM A744
Wear ring (103) Stainless steel 316L / EN 10088-1-X2CrNiMo17-12-2 (1.4404)	Deflector (123) Buna-N / ASTM D2000	Impeller key (178) Steel / AISI 316L	Bearing frame (228) Gray cast iron class 20B / ASTM A48 Class 20
Lip seal (1XSH10, 02SH10, 2XSH08, 2XSH10, 03SH08, 03SH10) (333A) Steel/Buna-N	Hex head cap screw (bearing frame to cover) (370C) Steel / SAE J429 Grade 6	O-ring, impeller (412A) FKM (standard version) / ASTM D2000	
V-ring (01SH06, 01SH08, 01SH10, 1XSH06, 1XSH08, 02SH06, 02SH08, 2XSH06) (333A) Buna-N / ASTM D2000	Hex head cap screw (adapter to motor) (371) Steel / SAE 1200	O-ring, shaft sleeve (412F) FKM (standard version) / ASTM D2000	
Casing bolt with nut (casing to adapter) (370) Stainless Steel / ASTM F593/F594	Retaining ring (382) Steel	Impeller Stud (422) Carbon steel / ASTM A307	
Hex head cap screw (adapter to bearing frame) (370B) Steel / SAE J429 Grade 5	Drain plug – 3/8 BSP (408) Stainless steel / EN 10088-1-X5CrNiMo17-12-2 (1.4401)	O-ring (513) FKM (standard version) / ASTM D2000	

Motor

Enclosure TEPE	Rated Power 5 hp	Frame Size 184JM	FLA 12.2/6.1
Speed 3,600 rpm	Rated Voltage 230/460 V	Phase 3	SLA 15.1/7.6
Service Factor 1.15			
Rated Current 1 6.1/12.2			

01SH06B05T3F2 | Hydraulic Data & Performance Curve



Selection

Series	Operating Pumps
e-SH	1
Name	Standby Pumps
01SH06 3500rpm	No Standby Pump
Stages	
1	
Frequency	
60 Hz	
Impeller Diameters	
1x 5.906"	
Acceptance Grade	
Manufacturer's Standard	
System Type	
Single Pump	

Fluid

Fluid Type	Density
Water	62.428 lb/ft ³
Fluid Temperature	Dynamic Viscosity
39.2 °F	1.567212 cP
Specific Gravity	Fluid Vapor Pressure
1	0.118 psi

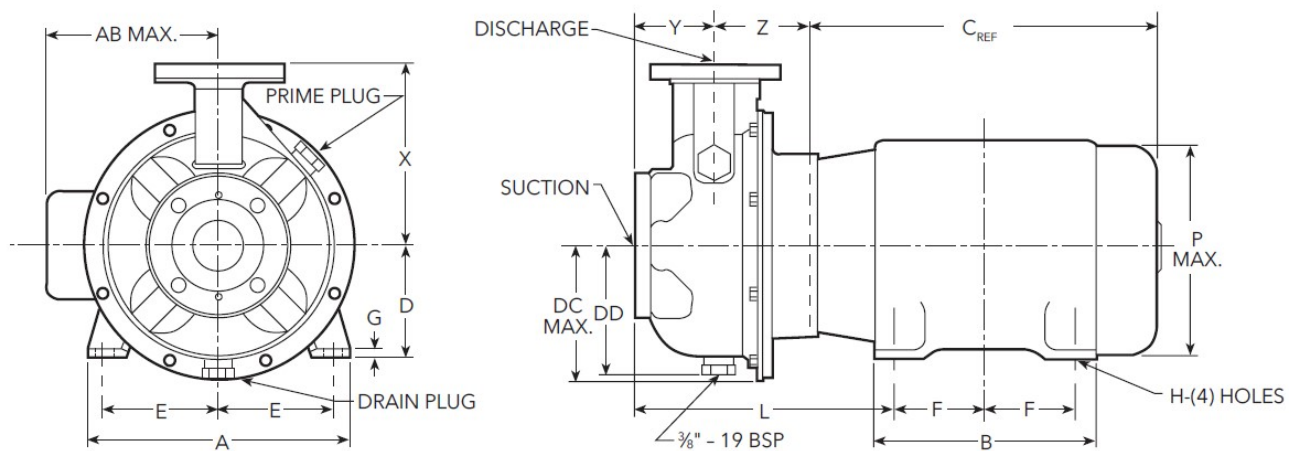
Design Curve

Rated Speed	BEP
3,500 RPM	55.2 %
Min Flow	BEP Flow
40 USgpm	84.96 USgpm
Max Flow	BEP Head
120 USgpm	97.22 ft
H@QMin	Max Operating Pressure
123.07 ft	55.66 psi
H@QMax	Max P2
65 ft	4.11 Hp

01SH06B05T3F2 | Dimensional Data & Drawing

e-SH CLOSE COUPLED S-GROUP - DIMENSIONS AND WEIGHTS

(All dimensions in inches and weights in lbs. Do not use for construction purposes.)



Dimensions

Suction	L	Weight (Pump Only)	AB
2 in	10.5 in	36.5 lb	7.52 in
Discharge	Z	C Max.	B
1 in	3.875 in	21.86 in	6.5 in
X	DD Max.	P Max.	D (Motor)
6.375 in	4.625 in	9.56 in	4.5 in
Y	DC Max.	A	E
3.125 in	5 in	8.63 in	3.75 in
F			
2.75 in			
G			
0.38 in			
H			
0.44 in			
Weight (Motor)			
118 lb			

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