



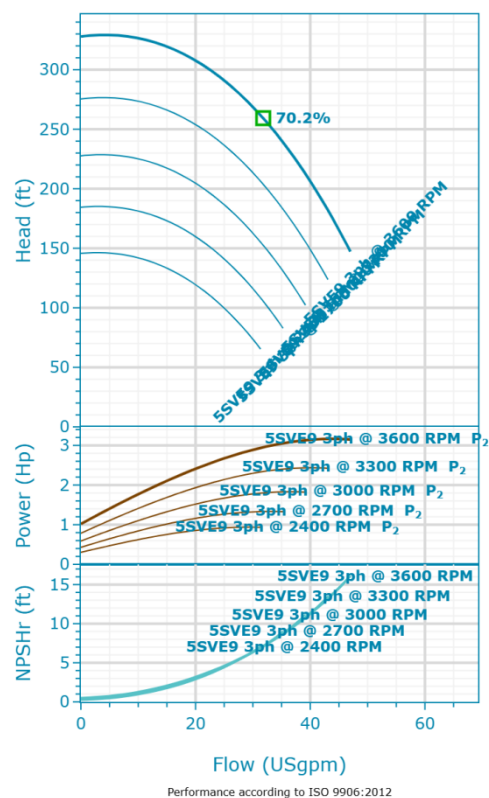
5SVE9GF4XM0

Created On: 11/6/25

5SVE9GF4XM0 | Configuration Summary



e-SVE series is equipped with an intelligent control that optimizes hydraulic performance while minimizing waste. It is a pre-programmed package combining the e-SV multi-stage pump with a Xylem Smart Motor – an “ultra-premium” level IES permanent magnet motor with a wide range of monitoring, control and safety features.



PUMP

Installation
Complete Pump

MATERIALS

Pump Body Material	Impeller Material
Cast Iron (ASTM Class 35/40B)	Stainless Steel (AISI 304)

SEAL

Type of Seal	Rotating Face
Mechanical Seals	Carbon
	Stationary Face
	Silicon Carbide Graphite Filled
	Elastomers
	Viton
	Spring
	316 SS
	Metal Component
	316 SS

STANDARD OPTIONS

Special Configuration
Please Select

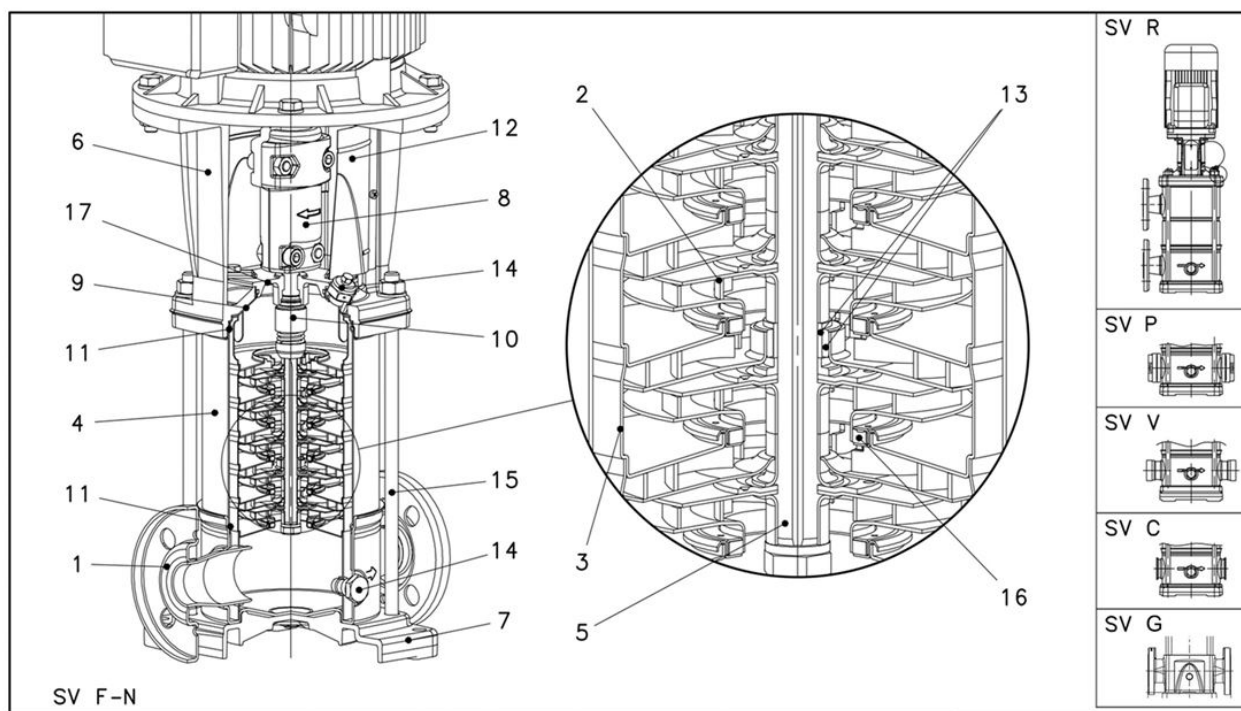
MOTOR

Poles	Power
2	3 hp
Enclosure	Phase (~)
TEFC	3
	Voltage
	380-460 V

FLANGE

Flange
[G] = Round Flanges (AISI 304/Cast Iron)

5SVE9GF4XM0 | Product Details



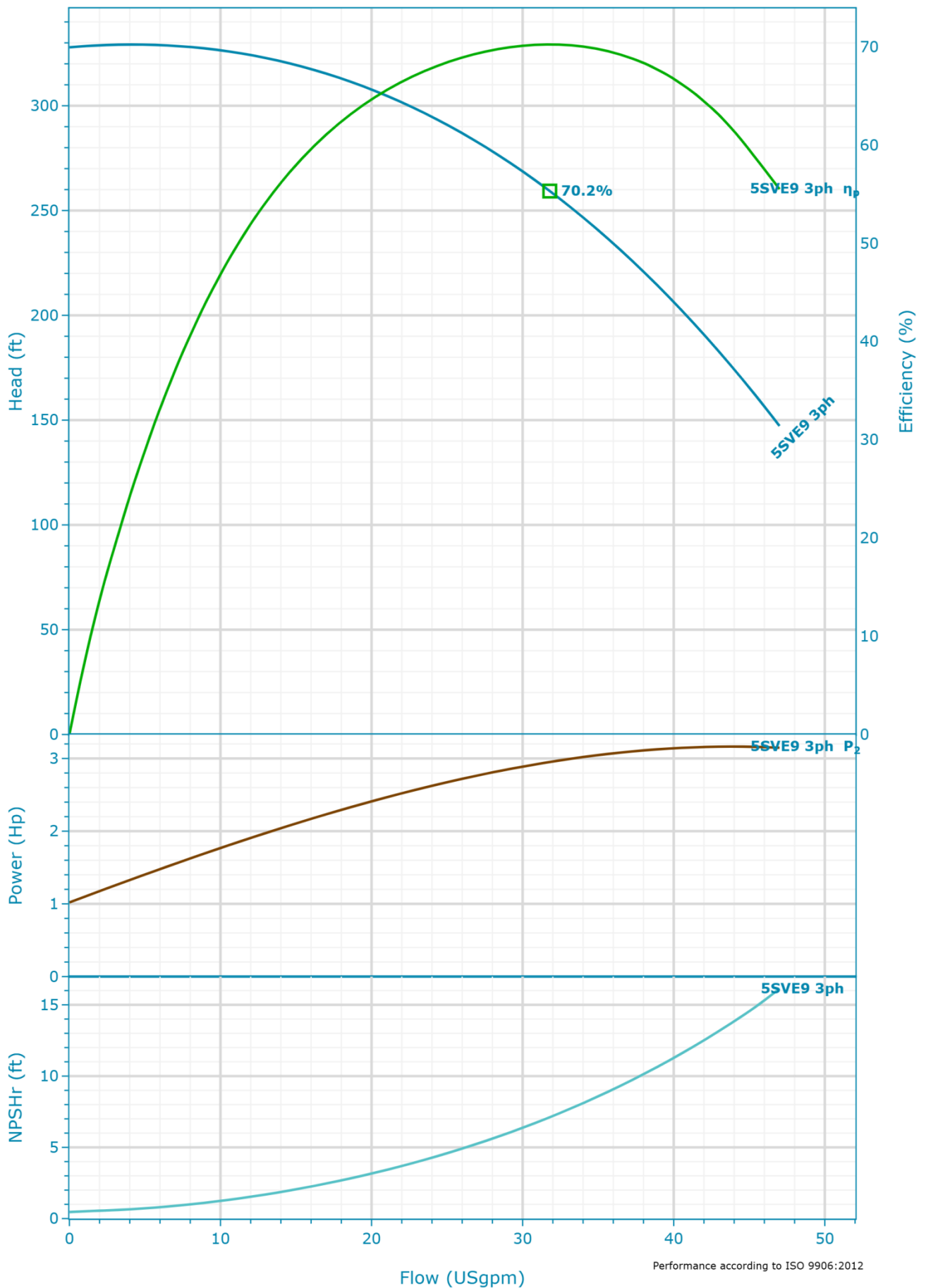
Construction Materials

Pump Body (1) Cast Iron (ASTM Class 35/40B)	Shaft (5) Stainless Steel (AISI 316)	Seal Plate (9) Stainless Steel (AISI 316L)	Fill/Drain Plugs (14) Stainless Steel (AISI 316)
Impeller (2) Stainless Steel (AISI 304)	Adapter (6) Cast Iron (ASTM Class 35/40B)	Elastomers (11) Refer Mechanical Seals	Tie Rods (15) Carbon Steel / Zinc Plated (A29 Gr.1045)
Diffuser (3) Stainless Steel (AISI 304)	Base (7) N/A	Coupling Guard (12) Stainless Steel (AISI 304)	Wear Ring (16) PPS
Casing (4) Stainless Steel (AISI 316L)	Coupling (8) Aluminum (A384.0-F)	Shaft Sleeve and Bushing (13) Tungsten Carbide	Seal Gland (17) Stainless Steel (AISI 316)

Motor

Enclosure TEFC	Rated Power 3 Hp	Phase 3	SLA 5.93-5.24
Speed 3600.0 rpm	Rated Voltage 380-460 V	FLA 5.93-5.24	

5SVE9GF4XM0 | Hydraulic Data & Performance Curve



Selection

Series	Standby Pumps
e-SVE	No Standby Pump
Name	
5SVE9 3ph 3600rpm	
Stages	
9	
Frequency	
60 Hz	
Acceptance Grade	
Manufacturer's Standard	
System Type	
Single Pump	
Operating Pumps	
1	

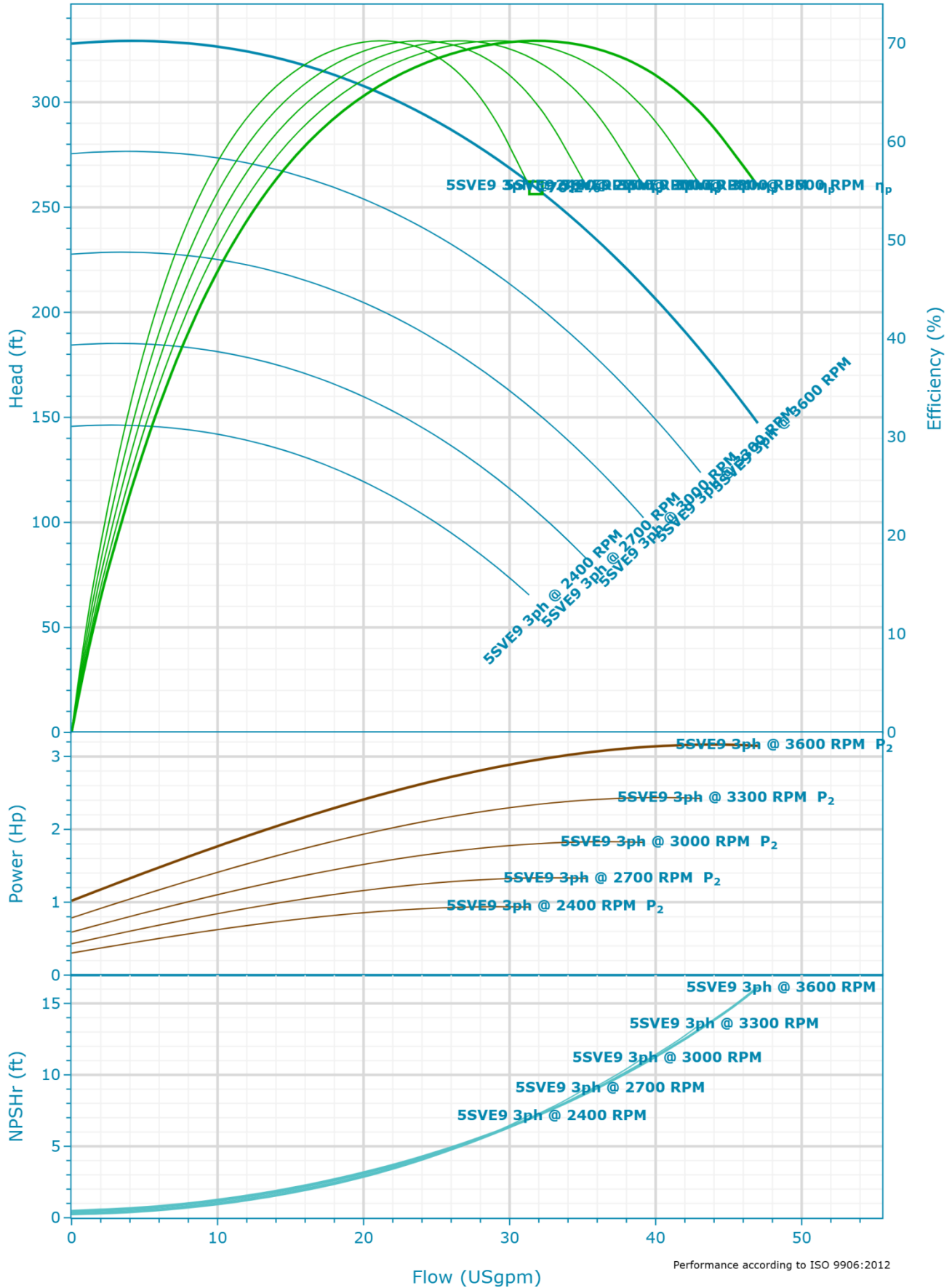
Fluid and Operating Conditions

Fluid Type	Density
Water	62.43 lb/ft ³
Fluid Temperature	Dynamic Viscosity
39.2 °F	1.57 cP
Specific Gravity	Fluid Vapor Pressure
1	0.12 psi
	Atmospheric Pressure
	14.7 psi
	Elevation
	0 ft
	Ambient Temperature
	68 °F
	NPSH Available
	33.68 ft
	Submergence
	0 ft

Design Curve

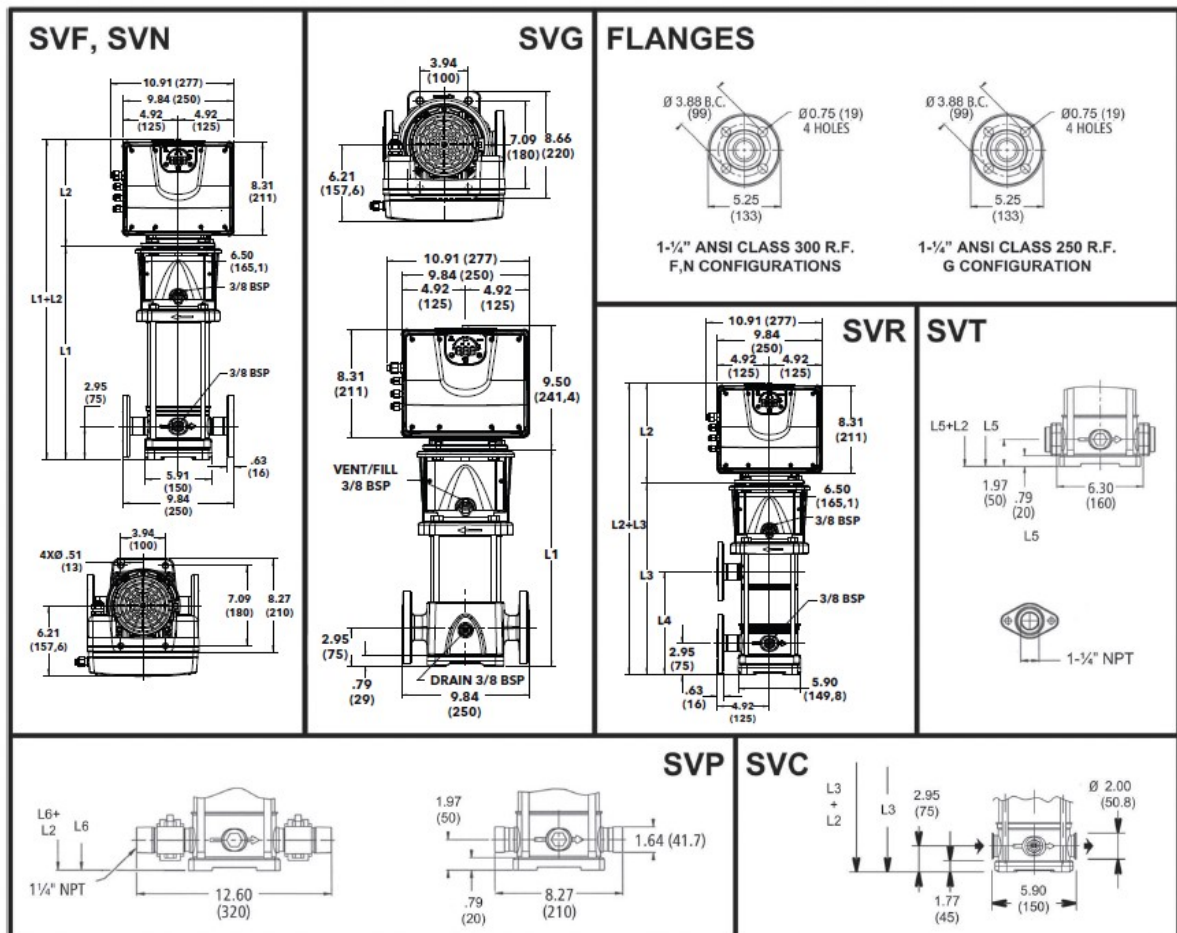
Rated Speed	BEP Flow
3,600 RPM	31.8 USgpm
Max Flow	BEP Head
47 USgpm	259.29 ft
H@QMin	Max Operating Pressure
327.86 ft	142.51 psi
H@QMax	Max P2
147.22 ft	3.16 Hp
BEP	
70.25 %	

5SVE9GF4XM0 | Variable Speed Curve



5SVE9GF4XM0 | Dimensional Data & Drawing

1, 3, 5SVE SERIES - THREE PHASE VERSION DIMENSIONS AND WEIGHTS



All dimensions are in inches (mm).

Dimensions

L1	L5	Weight (Pump Only)
19.99 in	18.78 in	33 lbs
L2	L6	Weight (Motor Only)
9.53 in	18.78 in	34.83 lbs
L3	D1 (MAX.)	Total Weight
19.77 in	5.2 in	68 lbs
L4	NEMA Frame	
11.5 in	90R	

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