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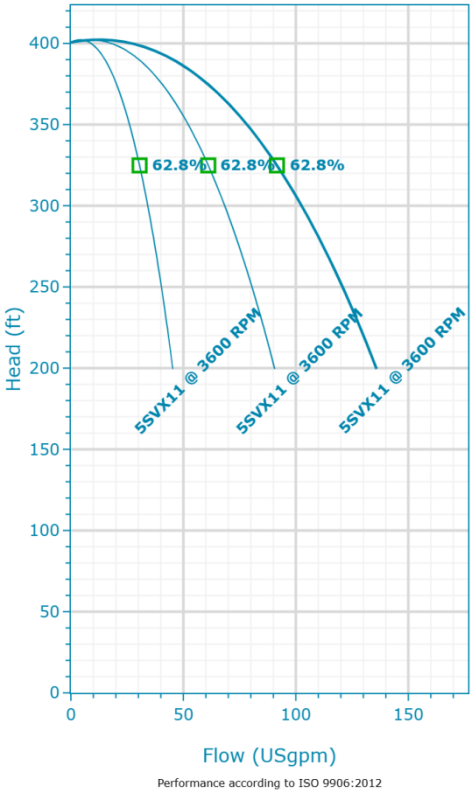
Let's Solve Water

HVXR3D3L-5SVX11R1AXX0-G

Created On: 8/18/25

HVXR3D3L-5SVX11R1AXX0-G | Configuration Summary



Designed to transfer and increase the pressure of clean water, e-HVX & e-HVXR Packaged Booster Systems integrate decades of expertise and know-how in pump technology to bring the right combination of motors, variable speed drive and hydraulic pumps in one comprehensive, highly efficient boosting solution.

PUMP

Model
5SVX11 3600rpm

Installation
Complete Pump

PACKAGED SYSTEM

Number Of Units
Triplex

Suction Type
Pressurized

Header Size
3 in

SEAL

Type of Seal
Type 21

Rotating Face
Carbon

Stationary Face
Silicon Carbide

Elastomers
FKM

STANDARD OPTIONS

Panel Orientation
Left

MOTOR

Frequency (Hz)
60

Power
4 hp

Poles
4

Phase (~)
3

Enclosure
TEFC

Voltage
380-480 V

HVXR3D3L-5SVX11R1AXX0-G | Product Details

Construction Materials

Pump Body (1)
Stainless Steel (AISI 304)

Impeller (2)
Stainless Steel (AISI 304)

Diffuser (3)
Stainless Steel (AISI 304)

Casing (4)
Stainless Steel (AISI 316L)

Shaft (5)
Stainless Steel (AISI 316)

Adapter (6)
Cast Iron (ASTM Class 35/40B)

Base (7)
Aluminum (A384.0-F)

Coupling (8)
Aluminum (A384.0-F)

Seal Plate (9)
Stainless Steel (AISI 316L)

Coupling Guard (10)
Stainless Steel (AISI 304)

Shaft Sleeve and Bushing (11)
Tungsten Carbide

Fill/Drain Plugs (12)
Stainless Steel (AISI 316)

Tie Rods (13)
Carbon Steel / Zinc Plated (A29 Gr. 1045)

Wear Ring (14)
PPS

Seal Gland (15)
Powder Coated Steel (ASTM A500)

Panel Stand (16)
Powder Coated Steel (ASTM A500)

Motor

Enclosure
TEFC

Rated Power
4 hp

Phase
3

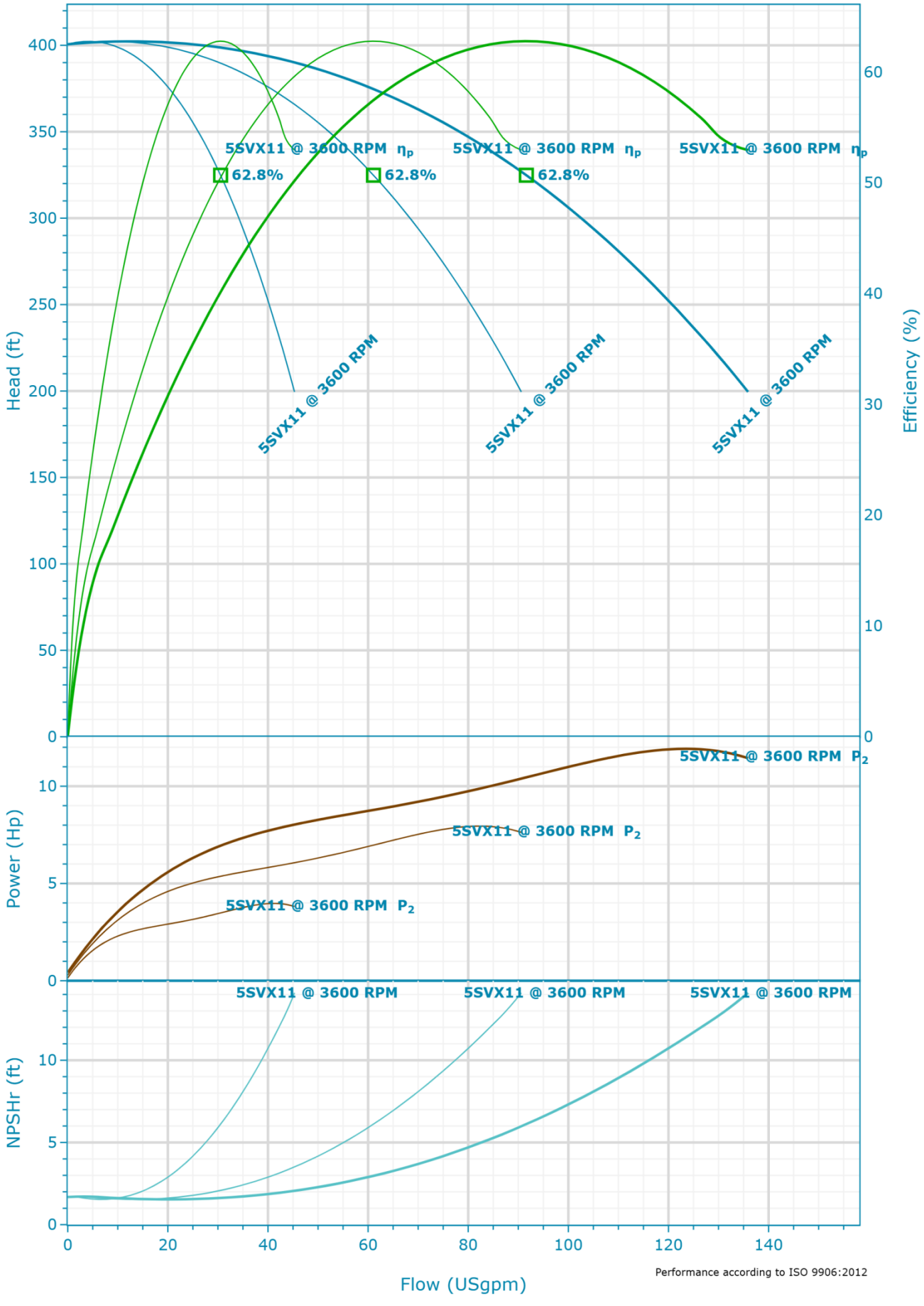
MCA
43.5

Speed
3,600 rpm

Rated Voltage
380-480 V

FLA
40

HVXR3D3L-5SVX11R1AXX0-G | Hydraulic Data & Performance Curve



Project:	Created By:	Created On:	Last Update:
HVXR3D3L-5SVX11R1AXX0-G	Kelly Kresa	8/18/25	-

Selection

Series
AQUAFORCE e-HVXR

Name
HVXR3 5SVX11

Stages
11

Frequency
60 Hz

Suction Type
Pressurized

Station Losses
5.00 psi

Acceptance Grade
Manufacturer's Standard

System Type
Multi Pump

Operating Pumps
3

Standby Pumps
No Standby Pump

Fluid

Fluid Type
Water

Fluid Temperature
39.2 °F

Specific Gravity
1

Density
62.428 lb/ft³

Dynamic Viscosity
1.567212 cP

Fluid Vapor Pressure
0.118 psi

Design Curve - Single Pump

Rated Speed
3,600 RPM

Max Flow (1x)
45.3 USgpm

H@QMin (1x)
400.6 ft

H@QMax (1x)
199.5 ft

BEP (1x)
62.8 %

BEP Flow (1x)
30.54 USgpm

BEP Head (1x)
324.84 ft

Max Operating Pressure (1x)
174.14 psi

Max P2 (1x)
3.97 Hp

Design Curve - System

Rated Speed
3,600 RPM

Max Flow
135.9 USgpm

H@QMin
400.6 ft

H@QMax
199.5 ft

BEP
62.8 %

BEP Flow
91.62 USgpm

BEP Head
324.84 ft

Max Operating Pressure
174.14 psi

Max P2
11.92 Hp

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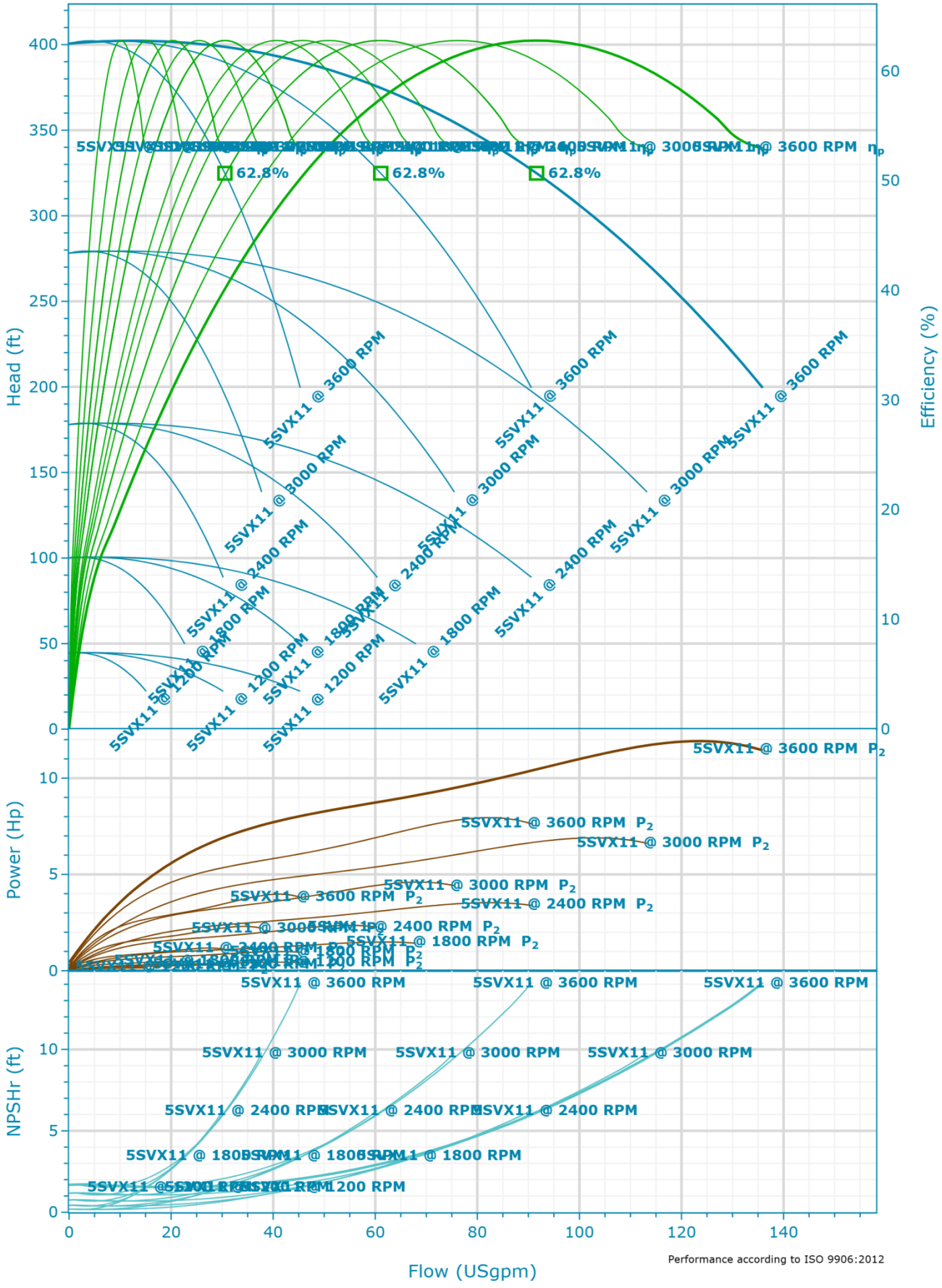
GOULDS WATER TECHNOLOGY
a xylem brand

HVXR3D3L-5SVX11R1AXX0-G | Variable Speed Curve



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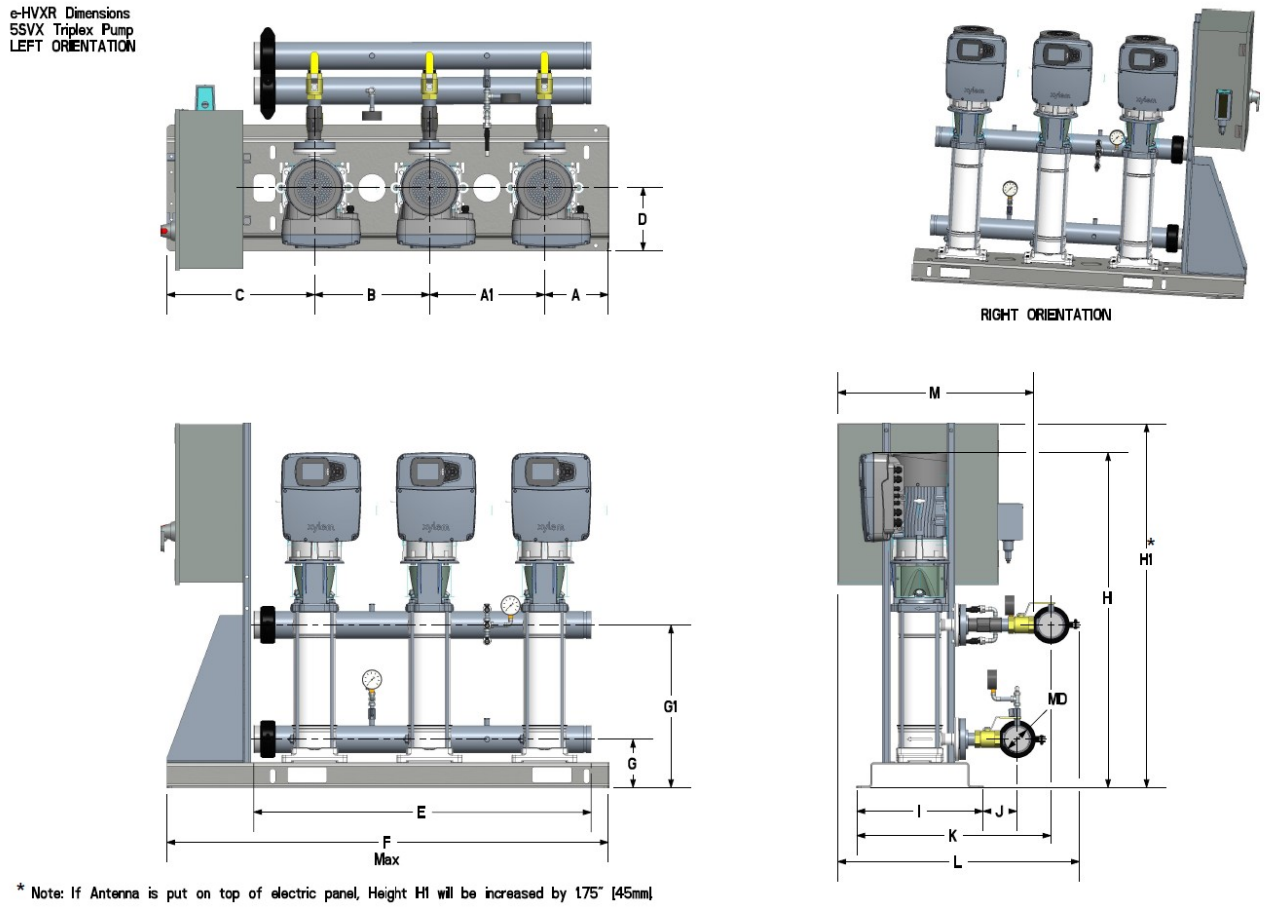
HVXR3D3L-5SVX11R1AXX0-G | Dimensional Data & Drawing



Dimensions

A
8.125 in

A1
14.625 in

B
14.625 in

C
18.75 in

D
8 in

E
42.75 in

F
56.625 in

G
6.125 in

G1
20.5 in

H
46 in

H1
46 in

I
16 in

J
4.25 in

K
24.625 in

L
30.625 in

M
24.75 in

MD
3 in

Weight
567 lb

Company	PFC Equipment
Contact	Kelly Kresa
Phone No.	7633915856
Email	kkresa@pfcequip.com

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