

Customer	Date 13.03.2020
Contact	Project
Phone number	Project no.
Email	

1SV22FF4F60

Operating data

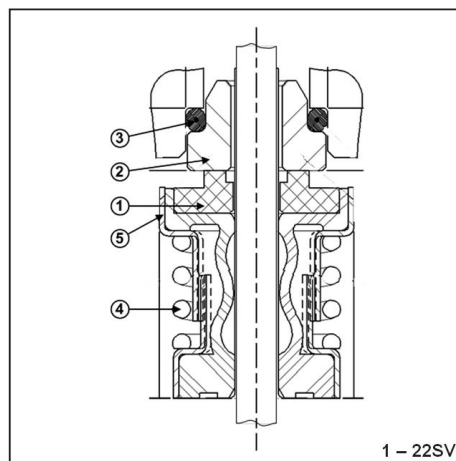
Pump type	Multi-Stage Pumps	Fluid	Water
No. of pumps / Reserve	1 / 0	Operating temperature t A	°F 39.2
Nominal flow	US g.p.m. 0	pH-value at t A	7
Nominal head	ft 0	Density at t A	lb/ft³ 62.4
Static head	ft 0	Kin. viscosity at t A	ft²/s 1.689E-5
Inlet pressure	psi 0	Vapor pressure at t A	psi 14.5
Environmental temperature	°F 68	Solids	0
Available system NPSH	ft 0	Altitude	ft 0

Pump data

Make	Goulds Water Technology	Nominal	US g.p.m. ()
Speed	rpm 3500	Max-	US g.p.m. 12.3
No. of stages	22	Min-	US g.p.m.
Max. working pressure	psi 264.4	Nominal	ft
Head H(Q=0)	ft 610	at Qmax	ft 361.9
Weight	lb 92	at Qmin	ft 609.7
Efficiency	%	Shaft power	hp ()
NPSH 3%	ft	Max. shaft power	hp 2.5

Shaft Seal

Single Seal	Xylem
Mechanical Seals	
1 - Rotating Face	Carbon
2 - Stationary Face	Silicon Carbide Graphite Filled
3 - Elastomers	Viton
4 - Spring	316SS
5 - Metal Components	316SS



Motor data

Manufacturer	Baldor	Electric voltage	208 V	Speed	3500 rpm	Insulation class	F
Specific design	3ph TPE			Frame size	56C	Colour	RAL 5010
Type	208-230/460V 56C (V09A32E5BB2S)			Degree of protection	TEPE		
Rated power	3 hp	Electric current	7.9 A				

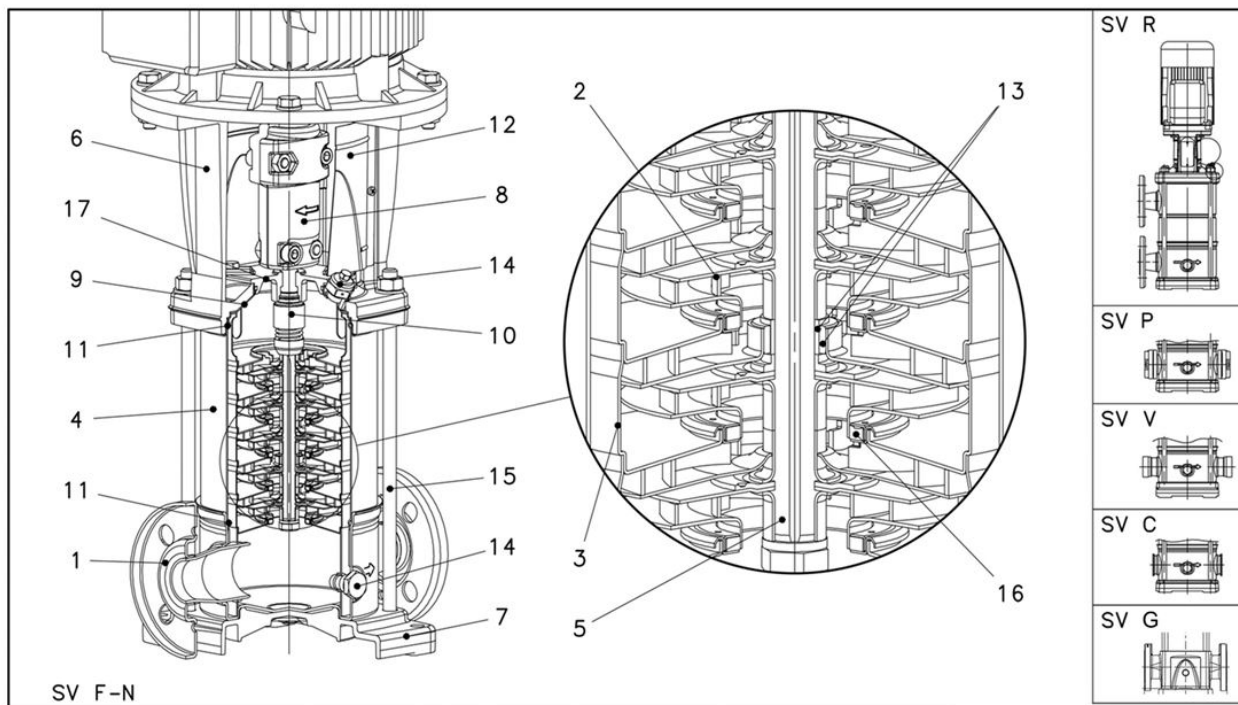
Remarks:

Customer	Date 13.03.2020
Contact	Project
Phone number	Project no.
Email	

1SV22FF4F60

Pump Materials

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



Remarks:

Customer	Date	13.03.2020
Contact	Project	
Phone number	Project no.	
Email		

1SV22FF4F60

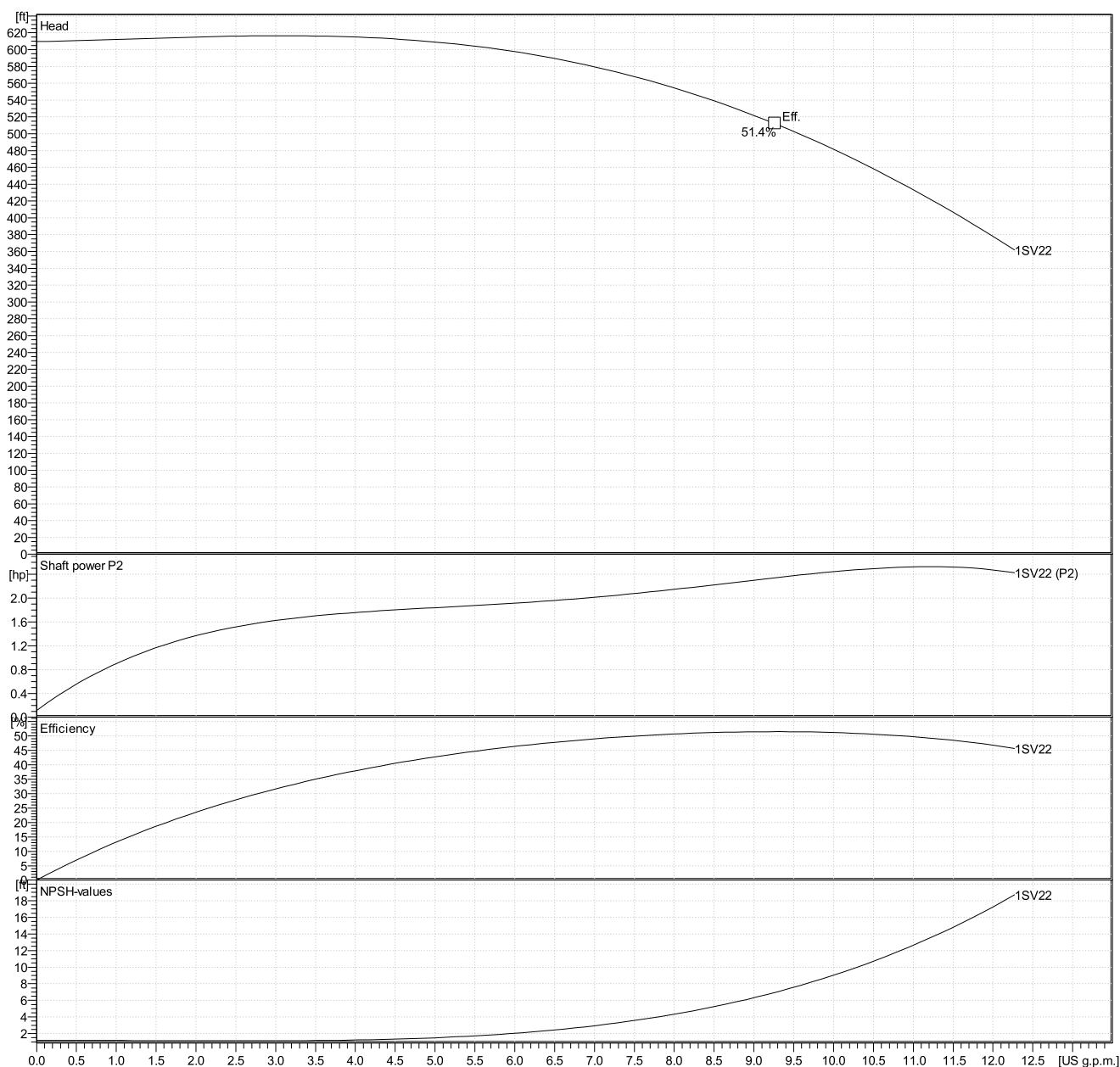
Hydraulic Data

Operating Data Specification		Hydraulic data (duty point)	Impeller design	
Flow	0 US g.p.m.	Flow	Impeller R	"
Head	0 ft	Head	Frequency	60 Hz
Static head	0 ft		Speed	3500 rpm

Power datas referred to:

Water [100%] ; 39.2°F; 62.4lb/ft³; 1.69E-5ft²/s

Performance according to ISO 9906 - Annex A



1SV22FF4F60

SVF, SVN

SVF, SVN

SVG

SVG

FLANGES

FLANGES

SVR

SVR

SVT

SVT

SVP

SVP

SVC

SVC

D1 max	$7^{3/16}$					Weight 92 lb
D2	$8^{7/8}$					
L1	$28^{1/4}$					
L2	$12^{7/16}$					
L3	$28^{1/4}$					
L4	$19^{15/16}$					
L6	$27^{1/4}$					
M.Ref	$6^{15/16}$					
NEMA Frame	182TC					