

Customer	Date	6/11/2019
Contact	Project	
Phone number	Project no.	
Email		



1SV19GE4F60

Operating Data

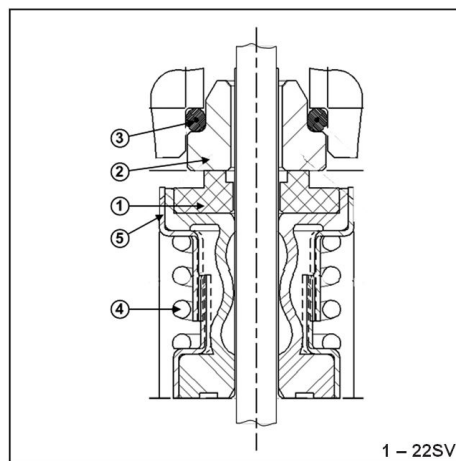
Pump type	Multi-Stage Pumps	Fluid	Water
No. of pumps / Reserve	1 / 0	Operating temperature t A	°F 39.2
Nominal flow	US g.p.m. 0	pH-value at t A	7
Nominal head	ft 0	Density at t A	lb/ft³ 62.4
Static head	ft 0	Kin. viscosity at t A	ft²/s 1.689E-5
Inlet pressure	psi 0	Vapor pressure at t A	psi 14.5
Environmental 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. 12.2
Number of stages	19	Min-	US g.p.m.
Max. working pressure	psi 228.3	Nominal	ft
Head H(Q=0)	ft 530	at Qmax	ft 314.6
Weight	lb 129	at Qmin	ft 526.6
Max.	inch 0	Shaft power	hp ()
Impeller R	Designed	Max. shaft power	hp 2.2
Min.	inch 0	Efficiency	%
		NPSH 3%	ft

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 (V08A32E5BB2S)			Degree of protection	IP 55		
Rated power	2 hp	Electric current	5.3 A				

Remarks:

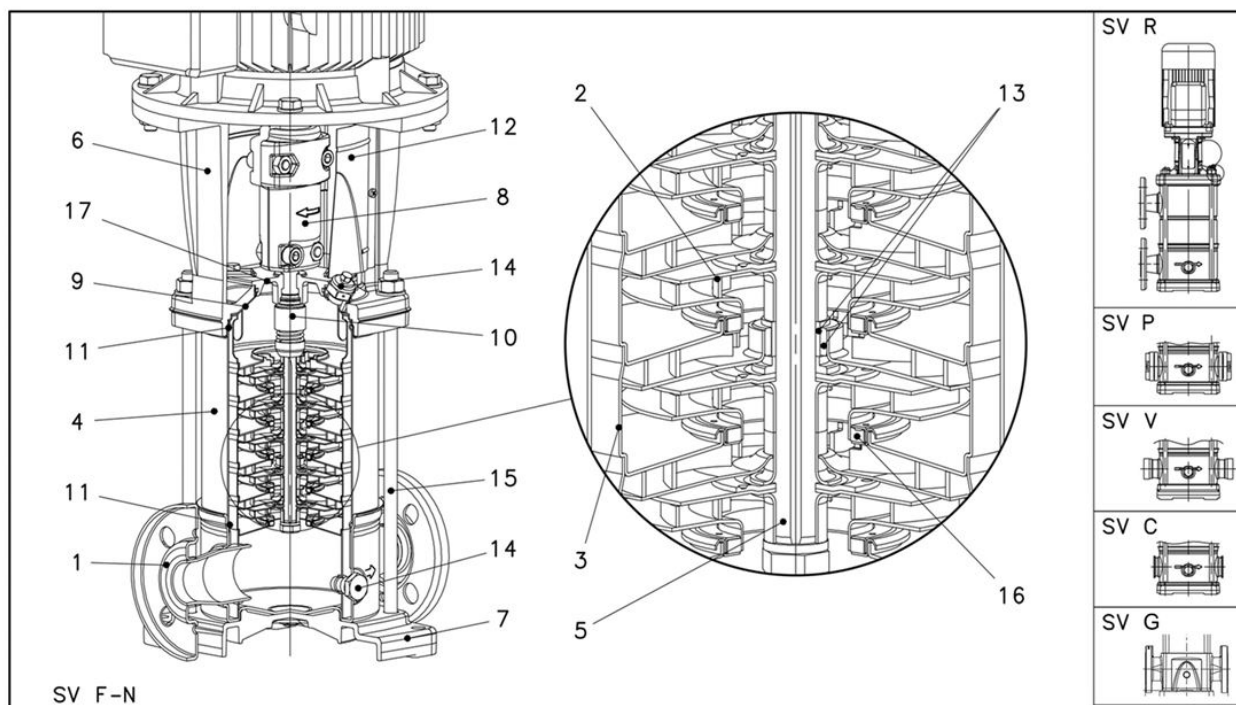
Customer	Date 6/11/2019
Contact	Project
Phone number	Project no.
Email	

1SV19GE4F60



Pump Materials

1 - Pump Body	Cast Iron (ASTM Class 35/40B)
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	N/A
8 - Coupling	Aluminum (A384.0-F)
9 - Seal Plate	Stainless Steel (AISI 316L)
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	6/11/2019
Contact	Project	
Phone number	Project no.	
Email		

1SV19GE4F60

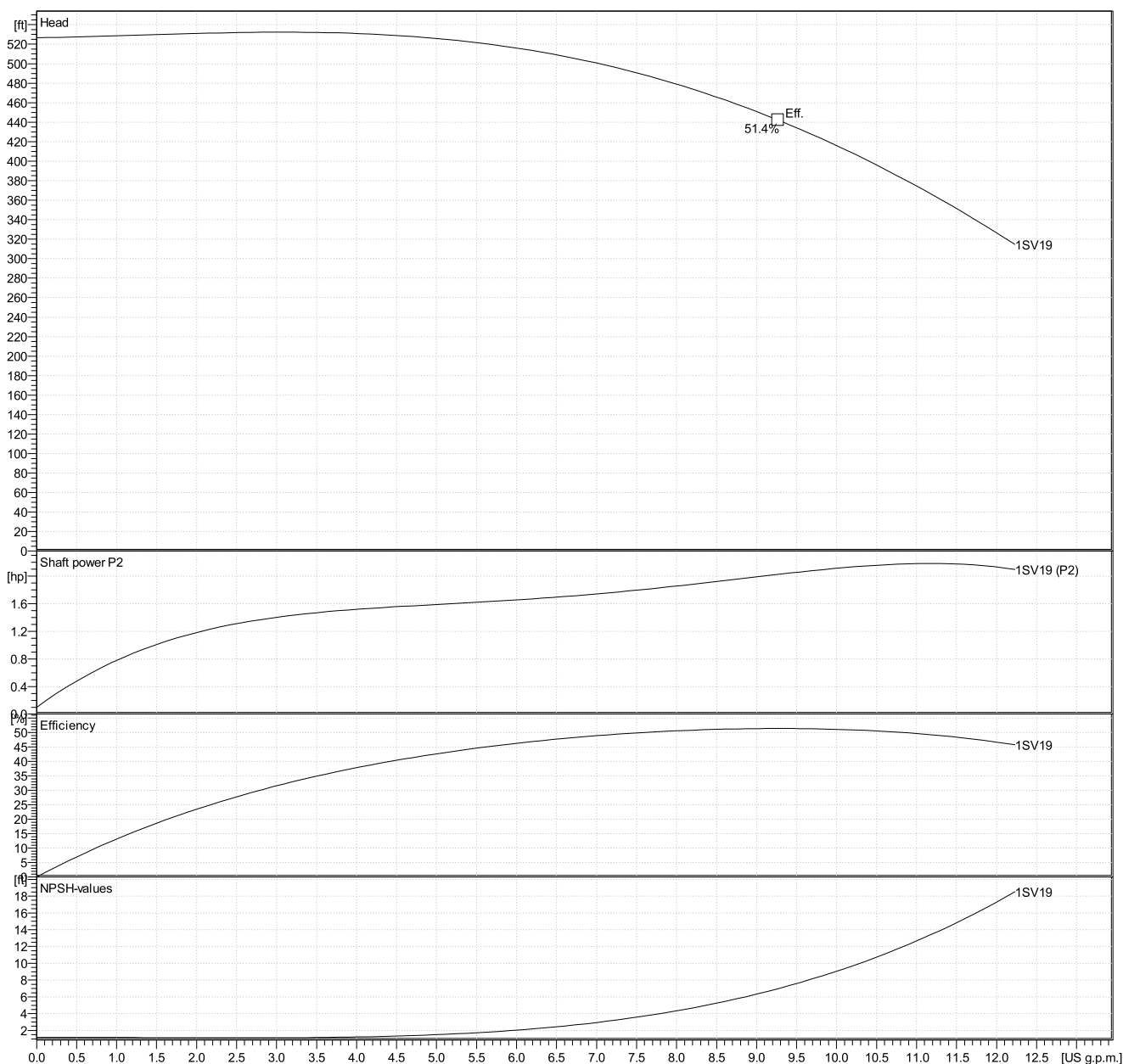
Hydraulic Data

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 data referred to:

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

Performance according to ISO 9906 - Annex A

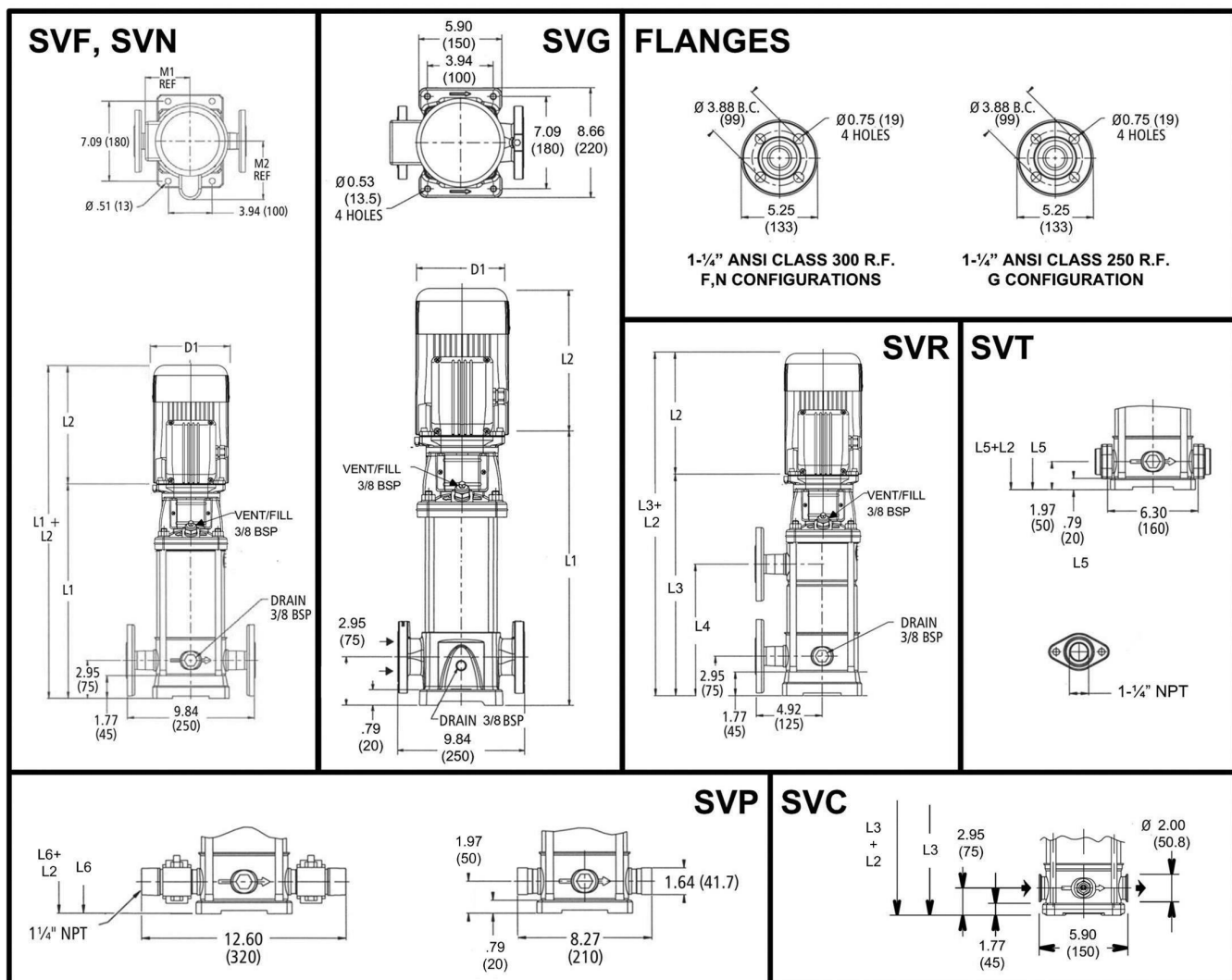


Customer
Contact
Phone number
Email

Date 6/11/2019
Project
Project no.

1SV19GE4F60

Drawing



Dimensions inch

D1 max	7 ³ / ₁₆					Weight
D2	6 ¹ / ₂					129.18 lb
L1	25 ⁷ / ₈					
L2	11 ³ / ₁₆					
L3	25 ⁷ / ₈					
L4	17 ⁵ / ₈					
L6	24 ⁷ / ₈					
M. Ref	6 ¹⁵ / ₁₆					
NEMA Frame	56C					