

Customer	Date	08.03.2019
Contact	Project	
Phone number	Project no.	
Email		



9SH2J55A0 

Operating Data

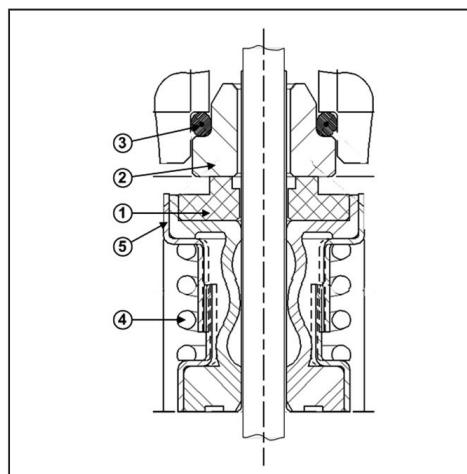
Pump type	End Suction	Fluid	Water
No. of pumps / Reserve	1 / 0	Operating temperature t A	°F 39.2
Nominal flow	US g.p.m. 0	pH-value at t A	7
Nominal head	ft 0	Density at t A	lb/ft³ 62.4
Static head	ft 0	Kin. viscosity at t A	ft²/s 1.689E-5
Inlet pressure	psi 0	Vapor pressure at t A	psi 14.5
Environmental 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	Flow	Max- US g.p.m. 113.9
Number of stages	1		Min- US g.p.m.
Max. casing pressure	psi		Nominal ft
Max. working pressure	psi 71	Head	at Qmax ft 110
Head H(Q=0)	ft 160		at Qmin ft 163.8
Weight	lb 138	Shaft power	hp ()
	Max. inch 6 5/8	Max. shaft power	hp 5.5
Impeller R	designed inch 6 5/8	Efficiency	%
	Min. inch 5 3/8	NPSH 3%2525	ft

Shaft Seal

Type 21	John Crane
SSH Mechanical Seal	
1 - Rotating Face	Carbon
2 - Stationary Face	Silicon Carbide
3 - Elastomers	Viton
4 - Metal Components	AlSI 316 SS



Motor Data

Manufacturer	Baldor	Electric voltage	208 V	Speed	3500 rpm	Insulation class	B
Specific design	3ph TEFC Premium	Efficiency		Frame size	184JM	Colour	RAL 5010
Type	C10A32E5BD2S	Electric current	12 A				
Rated power	5 hp	Degree of protection	IP 55				

Remarks:

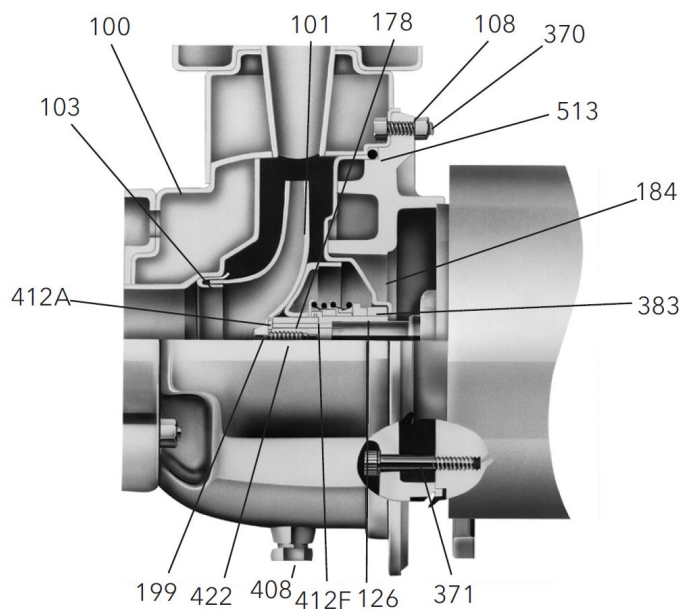
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Pump Materials

100 - Casing	Stainless Steel (316L SS)
101 - Impeller	Stainless Steel (316L SS)
103 - Wear ring, Anillo de desgaste	Stainless Steel (316L SS)
108 - Adapter	Cast iron (ASTM A48 CL20)
126 - Shaft sleeve	Stainless Steel (316 SS)
178 - Impeller key	Carbon steel
184 - Seal housing	Stainless Steel (316L SS)
199 - Impeller washer	Stainless Steel (316 SS)
370 - Casing bolt with nut (casing to adapter)	Stainless Steel (316L SS)
371 - Hex head cap screw (adapter to motor)	Steel SAE 1200 series
408 - Drain plug – 3/8 BSP	Stainless Steel (316L SS)
412A - O-ring, Impeller	Viton
412F - O-ring, shaft sleeve	Viton
422 - Impeller stud	Steel
513 - O-ring	Viton
408 - Drain plug – 3/8 BSP	Stainless Steel (316L SS)



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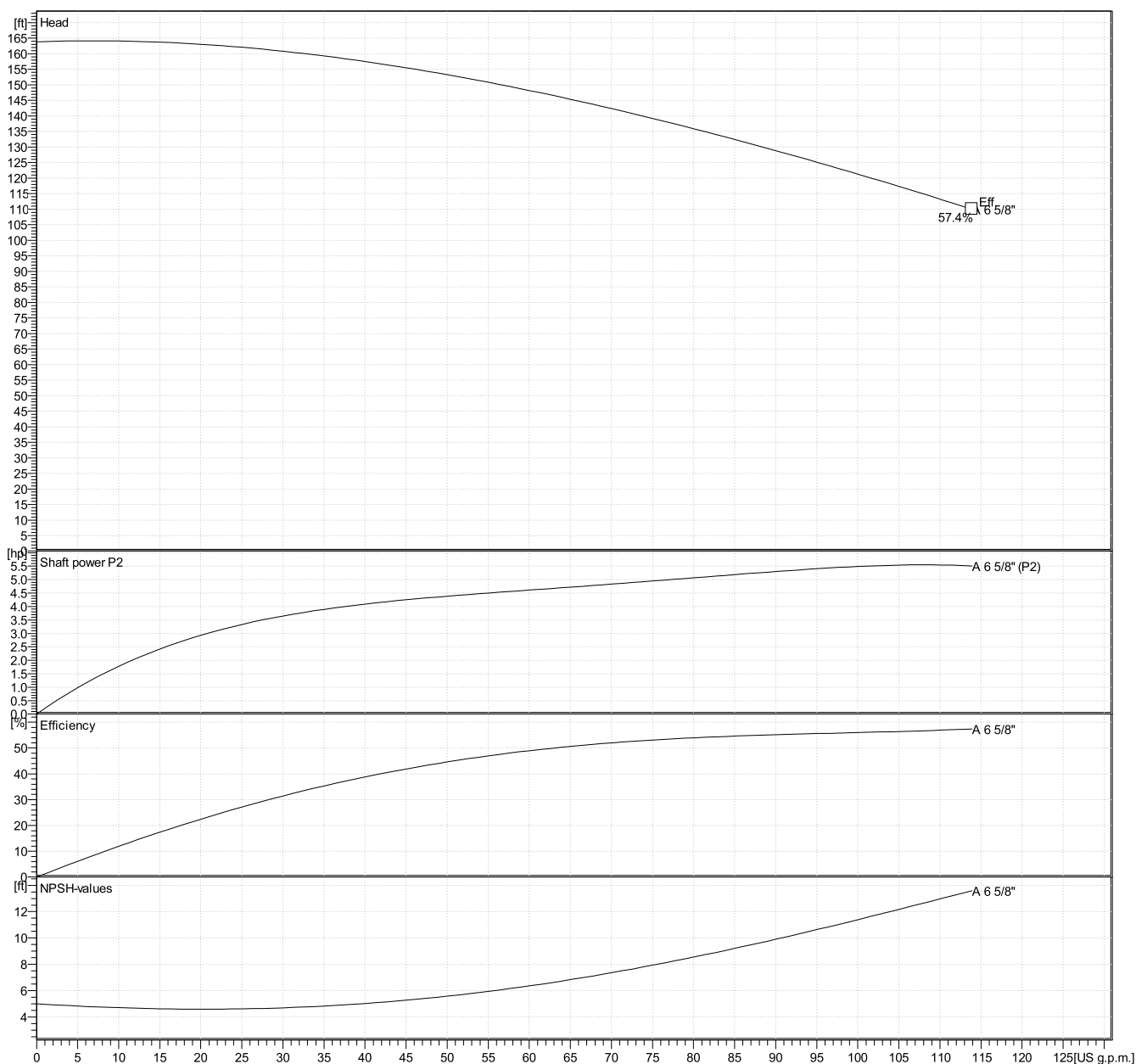
Hydraulic Data

Operating Data Specification		Hydraulic data (duty point)	Impeller design	
Flow	0 US g.p.m.	Flow	Impeller R	6 ⁵ / ₈ "
Head	0 ft	Head	Frequency	60 Hz
Static head	0 ft		Speed	3500 rpm

Power data referenced to:

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

Performance according to ISO 9906 - Annex A

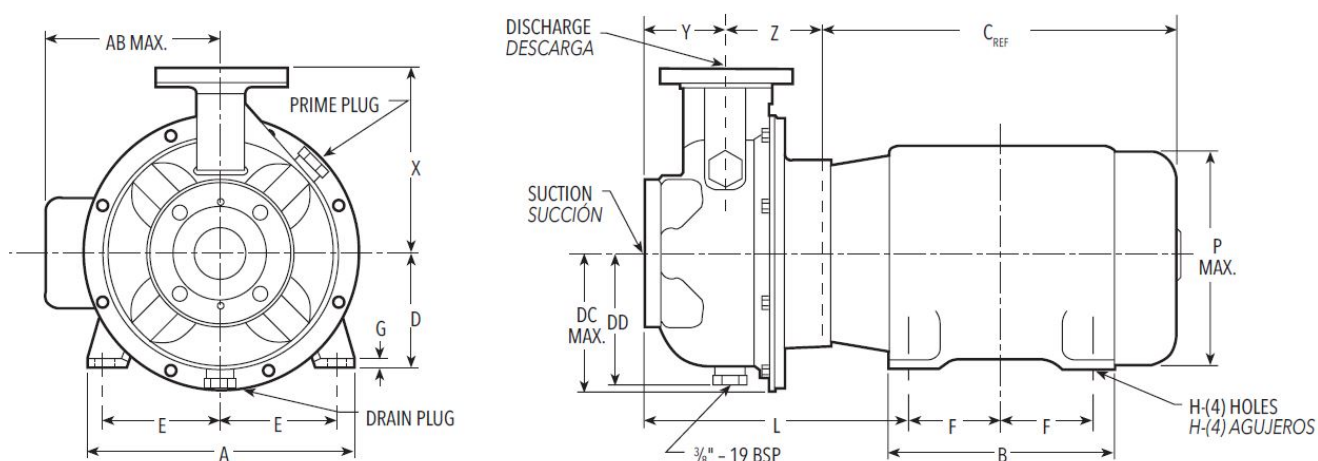




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Drawing



Dimensions inch

A	$8\frac{5}{8}$	G	$\frac{3}{16}$			Weight
AB Max	$6\frac{7}{8}$	H Dia	$\frac{3}{8}$			137.92 lb
B	$6\frac{1}{2}$	L	$10\frac{1}{2}$			
C Max	$13\frac{13}{16}$	P Max	$8\frac{7}{8}$			
D	$4\frac{1}{2}$	Suction	2			
DD	$4\frac{5}{8}$	X	$6\frac{3}{8}$			
Discharge	1	Y	$3\frac{1}{8}$			
E	$3\frac{3}{4}$	Z	$3\frac{7}{8}$			
F	$2\frac{3}{4}$					