

Customer	Date	1/25/2019
Contact	Project	
Phone number	Project no.	
Email		



7SH2L55C0

Operating data

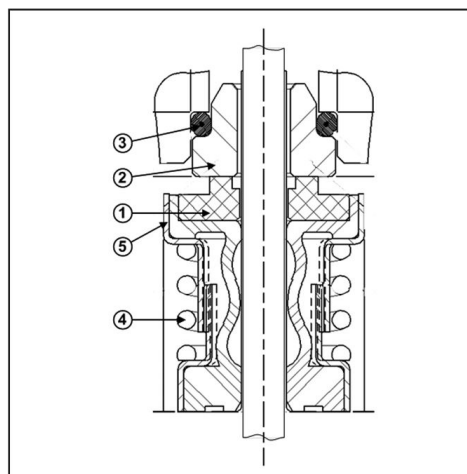
Pump type	End Suction	Fluid	Water
No. of pumps / Reserve	1 / 0	Operating temperature t A	°F 39.2
Nominal flow	US g.p.m. 0	pH-value at t A	7
Nominal head	ft 0	Density at t A	lb/ft³ 62.4
Static head	ft 0	Kin. viscosity at t A	ft²/s 1.69E-5
Inlet pressure	psi 0	Vapor pressure at t A	psi 14.5
Environmental 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. 213.2
Number of stages	1		Min- US g.p.m.
Max. casing pressure	psi		Nominal ft
Max. working pressure	psi 85.4	Head	at Qmax ft 110.9
Head H(Q=0)	ft 200		at Qmin ft 197
Weight	lb 218	Shaft power	hp ()
	Max. inch 8 1/4	Max. shaft power	hp 10.7
Impeller R	designed inch 7	Efficiency	%
	Min. inch 6 1/8	NPSH 3%	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	215JM	Colour	RAL 5010
Type	C12A32E5BE2S	Electric current	24.9 A				
Rated power	10 hp	Degree of protection	IP 55				

Remarks:

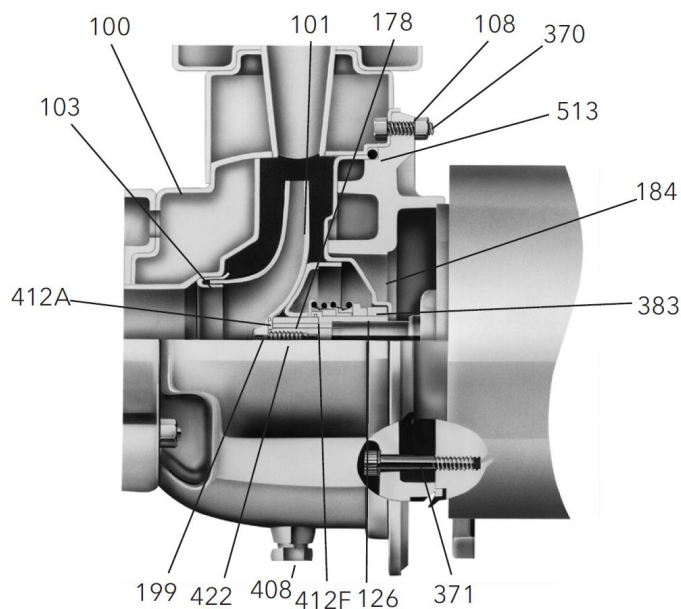
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Pump Materials

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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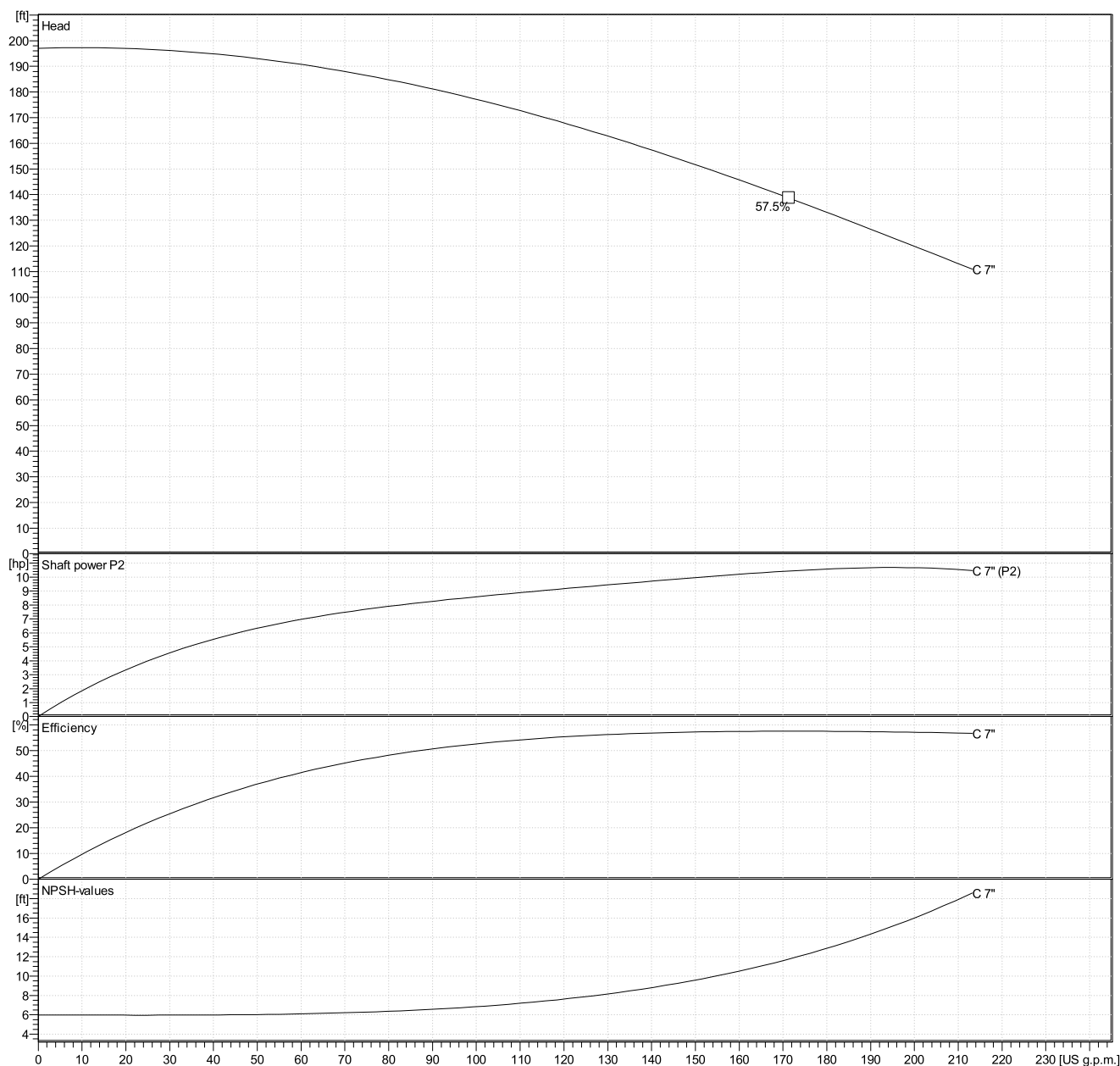
Hydraulic Data

Operating Data Specification		Hydraulic data (duty point)		Impeller design	
Flow	0 US g.p.m.	Flow		Impeller R	7"
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

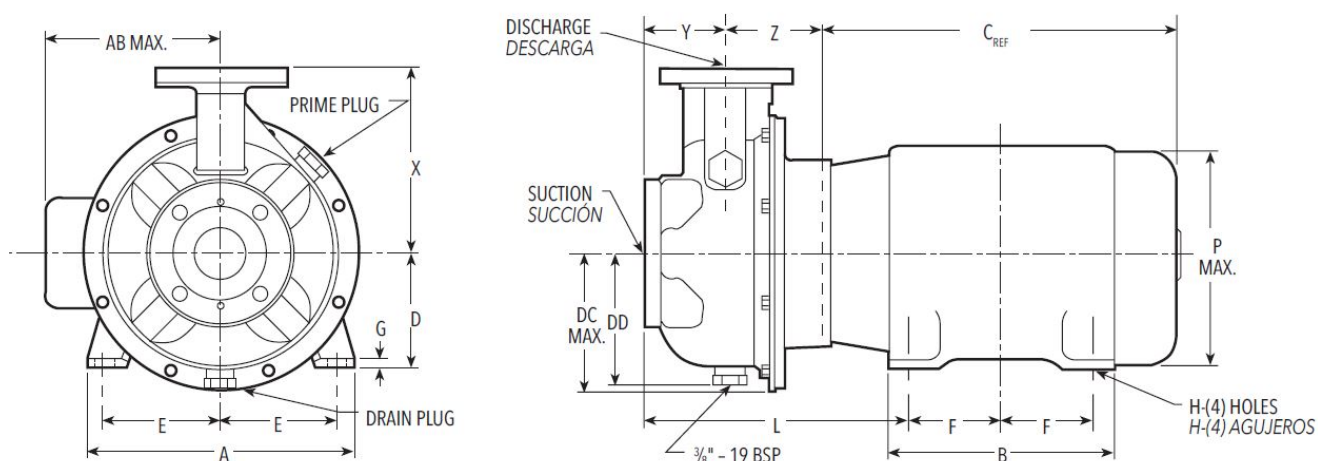




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Drawing



Dimensions inch

A	9 ¹ / ₂	G	3 ⁷ / ₁₆			Weight
AB Max	8 ³ / ₈	H Dia	3 ³ / ₈			217.95 lb
B	8	L	12 ¹ / ₈			
C Max	15 ⁹ / ₁₆	P Max	10 ¹ / ₄			
D	5 ¹ / ₄	Suction	2 ¹ / ₂			
DD	5 ¹ / ₄	X	7 ¹ / ₈			
Discharge	1 ¹ / ₂	Y	4			
E	4 ¹ / ₄	Z	3 ⁵ / ₈			
F	3 ¹ / ₂					