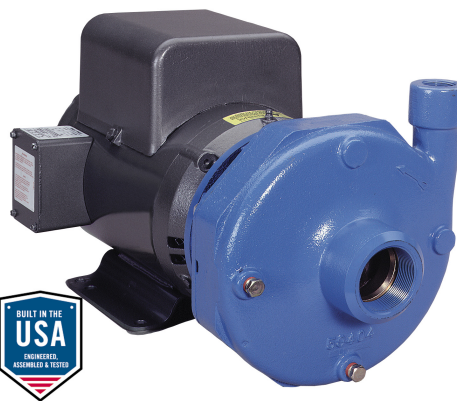


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Technical Data

Operating Data

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

Pump Data

Make	Goulds Water Technology	Nominal	US g.p.m.	()
Speed	rpm 3600	Max-	US g.p.m.	229.5
Number of stages	1	Min-	US g.p.m.	
Max. casing pressure	psi	Nominal	ft	
Max. working pressure	psi 118.7	at Qmax	ft	186.5
Head H(Q=0)	ft 270	at Qmin	ft	273.9
Weight	lb 86	Shaft power	hp	()
Max.	inch 8 1/16	Max. shaft power	hp	17.9
Impeller R	designed	Efficiency	%	
Min.	inch 5 3/4	NPSH 3%2525	ft	

Shaft Seal

Type 21	Xylem
(10K13) Car/Cer/Buna [Max Temp. 212°F/100°C] (Std.)	
Rotary	Carbon
Stationary	Ceramic
Elastomers	Buna-N
Metal Parts	316 SS
Application	General Use, Clean Water to 212°F/100°C, Non-Fluctuating Temp

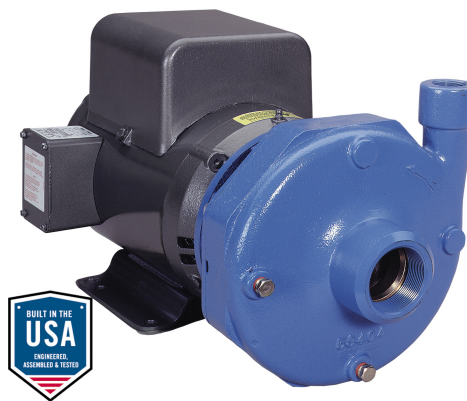
Motor Data

Specific design	Speed	Insulation class
Electric voltage	Frame size	Colour
Type	Degree of protection	RAL 5010
Rated power	Electric current	

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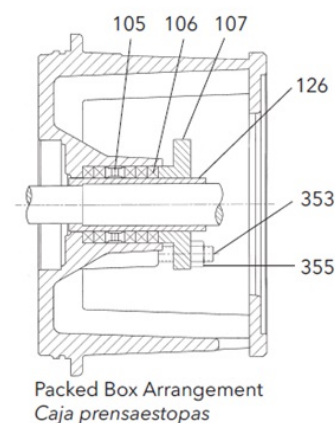
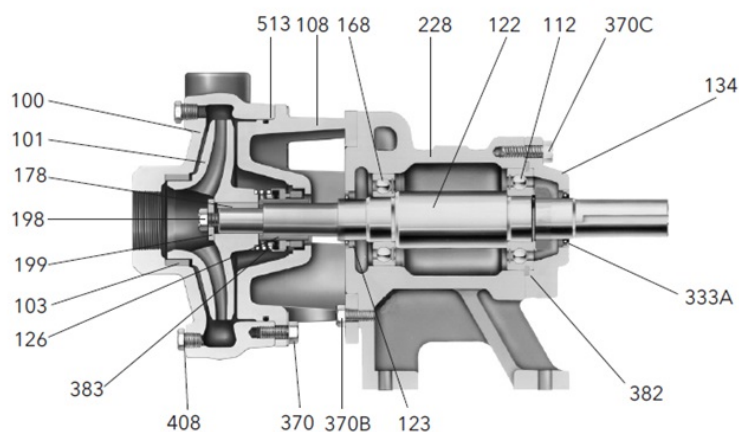
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Pump Materials

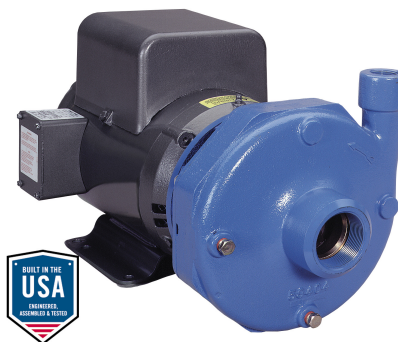
100 - Casing	Gray cast iron ASTM A48 CL20B
101 - Impeller	Gray cast iron ASTM A48 CL20B
103 - Casing wear ring	Gray cast iron ASTM A48 CL20B
108 - Adapter	Gray cast iron ASTM A48 CL20B
184 - Seal housing (One piece with adapter)	Gray cast iron ASTM A48 CL20B
112 - Ball bearing (outboard)	Steel
122 - Shaft	Carbon steel
123 - V-ring (Deflector)	BUNA-N
134 - Bearing cover	Gray cast iron ASTM A48 CL20B
168 - Ball bearing (inboard)	Steel
178 - Impeller key	Carbon steel
198 - Impeller screw	AISI Type 303 Series SS
199 - Impeller washer	AISI Type 303 Series SS
228 - Bearing frame	Gray cast iron ASTM A48 CL20B
333A - Lip seal	BUNA-N
370 - Hex head cap screw (adapter to case)	Steel SAE 1200 Grade 5
370B - Hex head cap screw (adapter to bearing frame)	Steel SAE 1200 Grade 5
370C - Hex head cap screw (bearing cover to frame)	Steel SAE 1200 Grade 5
382 - Retaining ring	Steel SAE 1200 Grade 5
383 - Mechanical seal	See seal chart
408 - Pipe plug 1/4" or 3/8"	Steel

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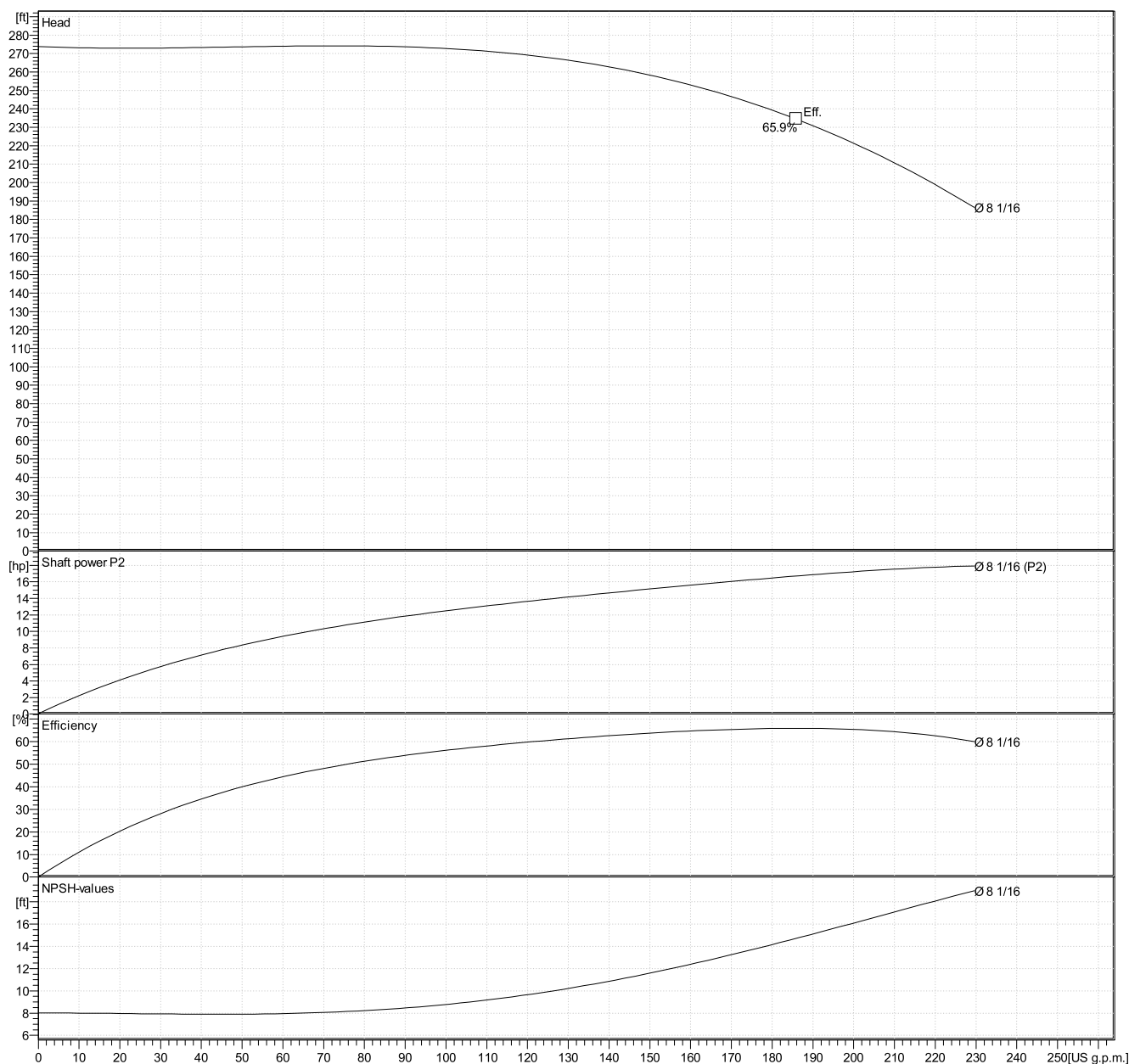
Hydraulic Data

Operating Data Specification		Hydraulic data (duty point)		Impeller design	
Flow	0 US g.p.m.	Flow		Impeller R	8 ¹ / ₁₆ "
Head	0 ft	Head		Frequency	60 Hz
Static head	0 ft			Speed	3600 rpm

Power datas referred to:

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

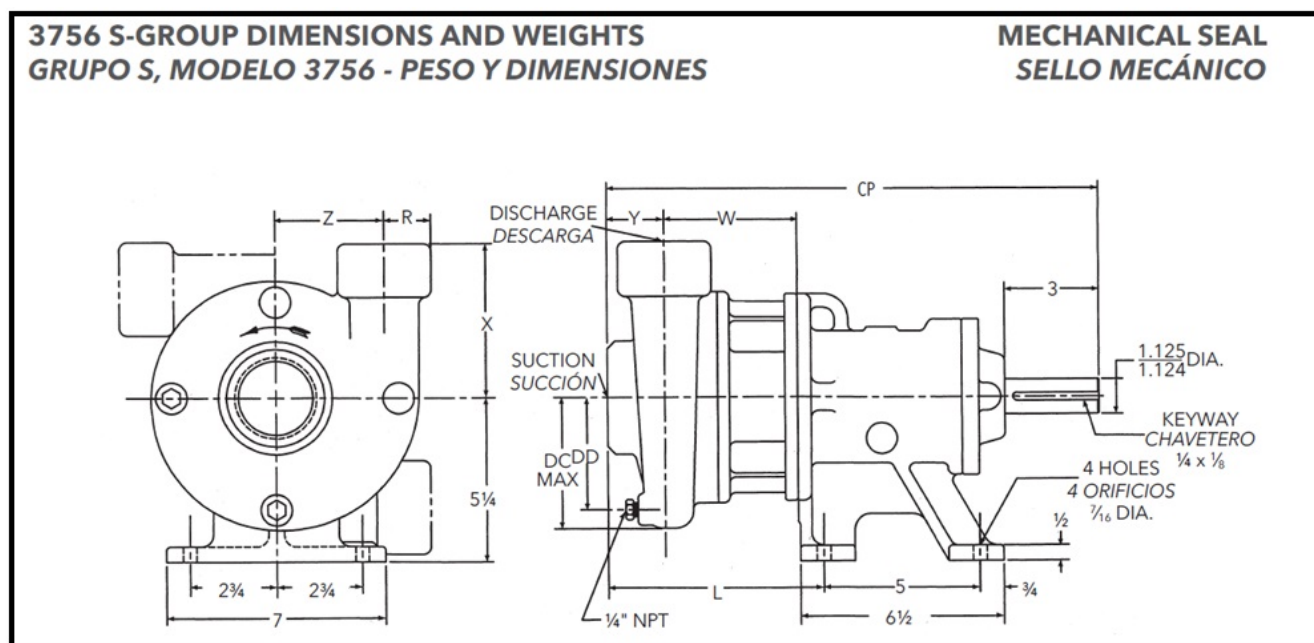
Performance according to ISO 9906 - Annex A



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Drawing



Dimensions inch

CP	16 1/2	Y	2 5/8			Weight
DC Max.	5 3/8	Z	4 1/4			86.001 lb
DD	5 3/8					
Discharge (NPT)	1 1/2					
L	7 3/4					
R	1 1/4					
Suction (NPT)	2					
W	4 1/4					
X	5					