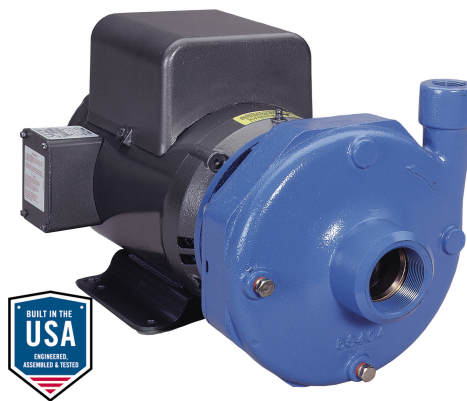


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Operating data

Pump type	Fluid	Water
No. of pumps / Reserve 1 / 0	Operating temperature at 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 3600	Flow	Max-	US g.p.m. 291
Number of stages	1		Min-	US g.p.m.
Max. casing pressure	psi		Nominal	ft
Max. working pressure	psi 62.6	Head	at Qmax	ft 108.1
Head H(Q=0)	ft 140		at Qmin	ft 144.4
Weight	lb 188	Shaft power	hp	()
	Max. inch 7 1/16	Max. shaft power	hp	11.8
Impeller R	designed inch 6	Efficiency	%	
	Min. inch 4 1/16	NPSH 3%	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

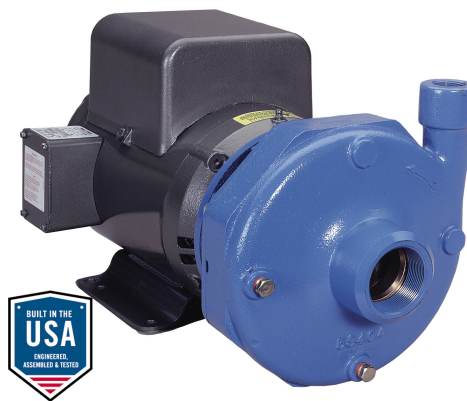
Motor data

Specific design	1ph TEFC	Speed	3500 rpm	Insulation class	F
Electric voltage	230 V	Frame size	215JM	Colour	RAL 5010
Type	230V 215JM (C12722)	Degree of protection	IP 55		
Rated power	10 hp	Electric current	40 A		

Remarks:

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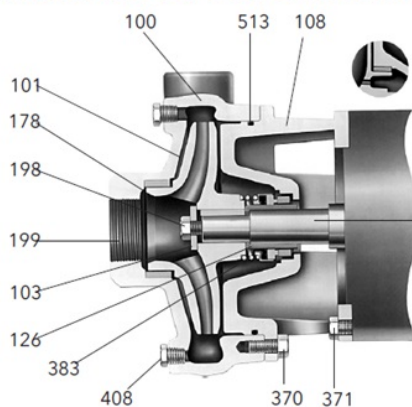


Construction Data

Pump Materials

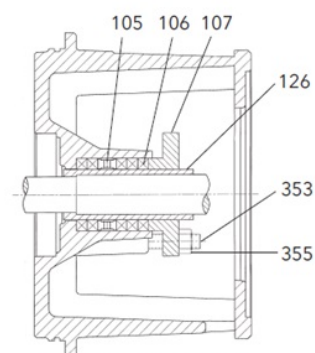
100 - Casing	Gray cast iron ASTM A48 CL20B
101 - Impeller	Gray cast iron ASTM A48 CL20B
103 - Casing wear ring	Gray cast iron ASTM A48 CL20B
108 - Adapter	Gray cast iron ASTM A48 CL20B
184 - Seal housing (One piece with adapter)	Gray cast iron ASTM A48 CL20B
198 - Impeller bolt	AISI Type 300 series stainless steel
199 - Impeller washer	AISI Type 300 series stainless steel
178 - Impeller key	Carbon Steel
370 - Hex head cap screw (adapter to case)	Steel SAE 1200 Grade 5
371 - Hex head cap screw (adapter to motor)	Steel SAE 1200 Grade 5
383 - Mechanical seal	See seal chart
408 - Pipe plug 1/4" or 3/8"	Steel
513 - O-ring	BUNA-N

3656 S-GROUP MATERIALS OF CONSTRUCTION MATERIALES DE CONSTRUCCIÓN - GRUPO S, MODELO 3756



Back wearing ring on S-Group
(2½ x 3 - 7) only
*Anillo de desgaste posterior en el
Grupo S (2½ x 3 - 7) únicamente.*

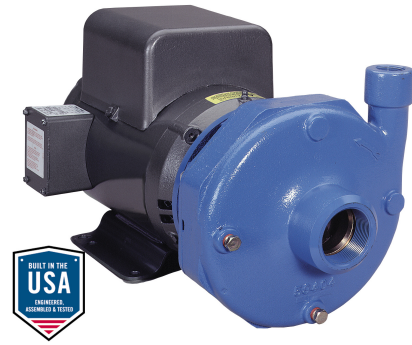
AISI 1045 steel motor shaft
extension (typical)
*Extensión del eje del motor
de acero AISI 1045 (típico)*



Packed Box Arrangement
Caja prensaestopas

Remarks:

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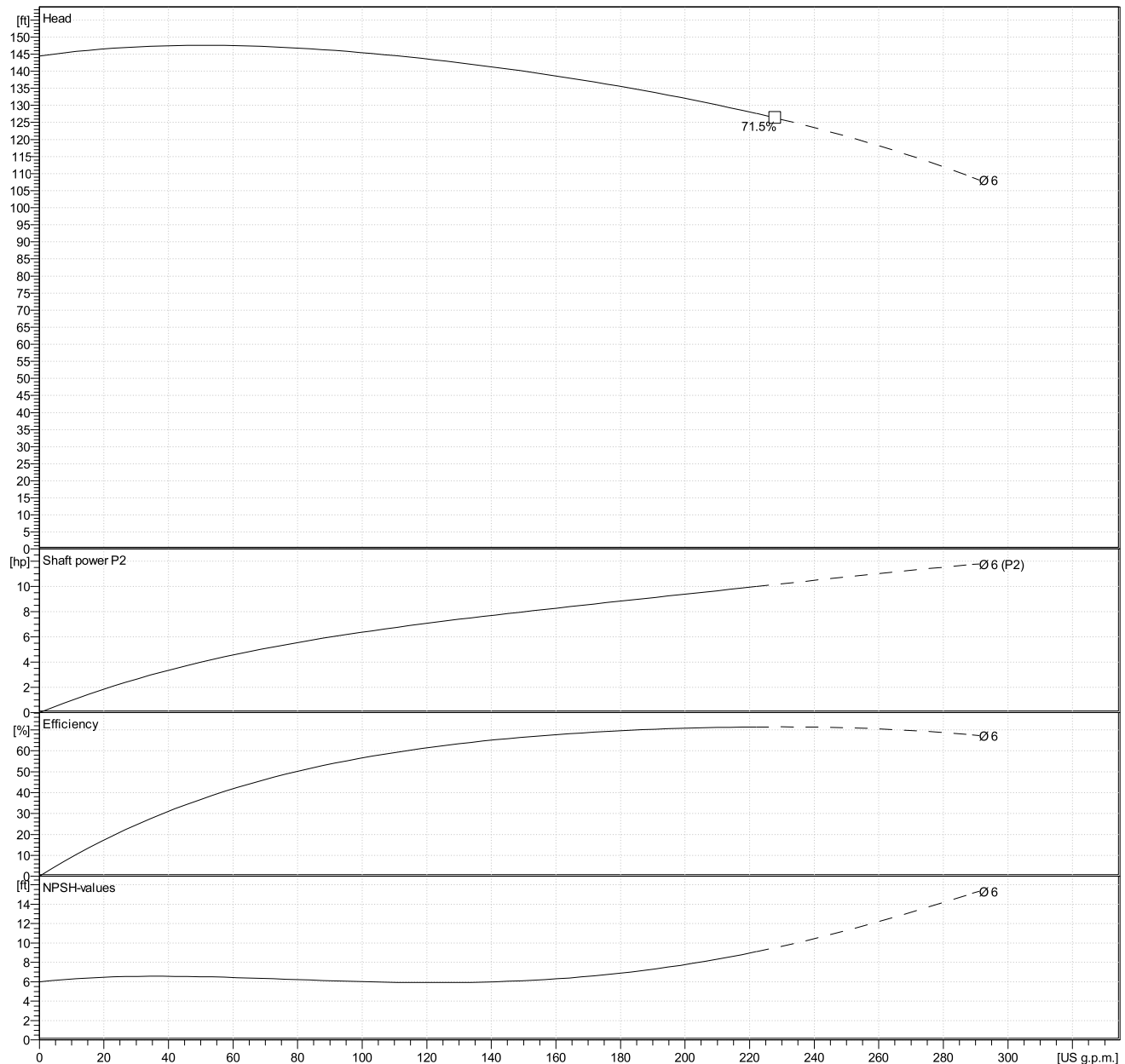


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Hydraulic Data

Operating Data Specification		Hydraulic data (duty point)		Impeller design	
Flow	0 US g.p.m.	Flow		Impeller R	6"
Head	0 ft	Head		Frequency	60 Hz
Static head	0 ft			Speed	3600 rpm

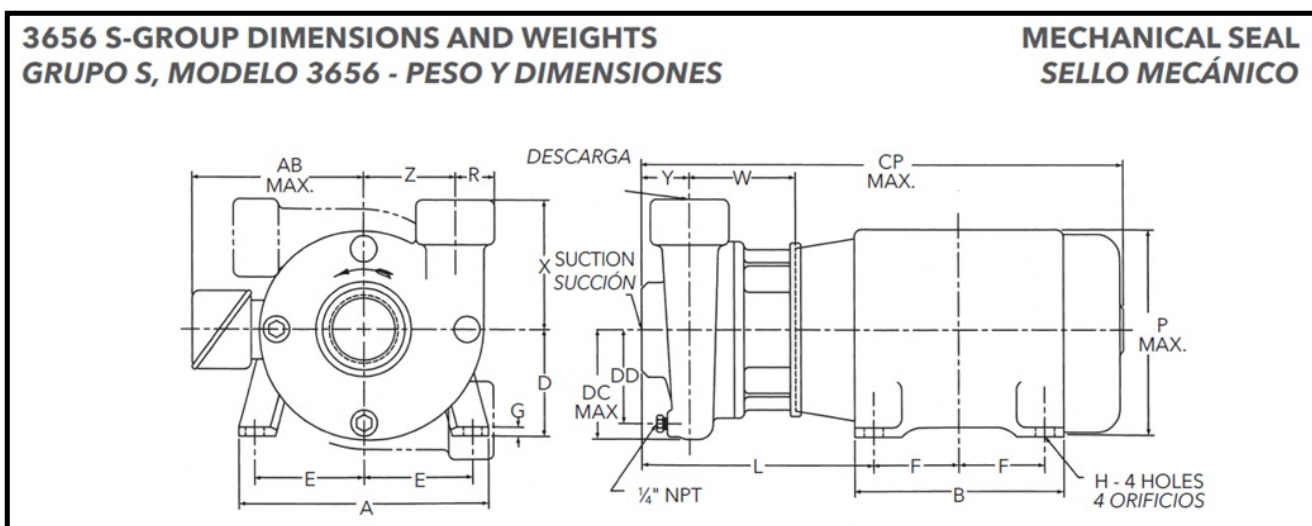
Power datas referred to:
Water [100%] ; 39.2°F; 62.4lb/ft³; 1.69E-5ft²/s
 Performance according to ISO 9906 - Annex A



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Drawing



Dimensions inch

A	9 ³ / ₄	F	3 ¹ / ₂	Y	3	Weight 188 lb
AB Max.	9 ⁵ / ₈	G	5 ⁷ / ₈	Z	4	
B	9 ⁹ / ₁₆	H	7 ⁷ / ₁₆			
CP Max.	25 ⁹ / ₁₆	L	11 ³ / ₄			
D	5 ¹ / ₄	P Max.	11 ¹ / ₄			
DC Max.	5 ¹ / ₈	R	1 ¹³ / ₁₆			
DD	4 ¹ / ₂	Suction (NPT)	3			
Discharge (NPT)	2 ¹ / ₂	W	4 ¹ / ₄			
E	4 ¹ / ₄	X	6			