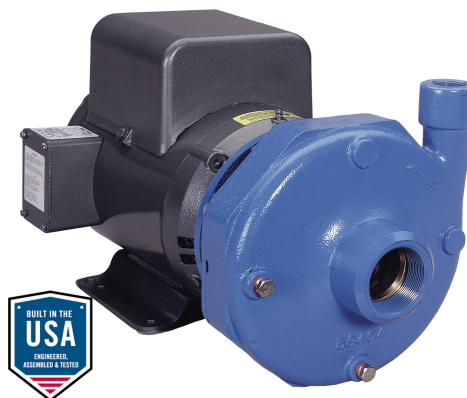


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Operating data

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	Flow	Max-	US g.p.m. 89.5
No. of stages	1		Min-	US g.p.m.
Max. casing pressure	psi		Nominal	ft
Max. working pressure	psi 60.2	Head	at Qmax	ft 93.1
Head H(Q=0)	ft 140		at Qmin	ft 138.9
Weight	lb 224	Shaft power	hp	()
	Max. inch 6 3/4	Max. shaft power	hp 3.7	
Impeller R	designed inch 6	Efficiency	%	
	Min. inch 3 13/16	NPSH 3%	ft	

Shaft Seal

Type 21	Xylem
(10K27) Car/SilCar/FKM [Max Temp. 250°F/121°C]	
Rotary	Carbon
Stationary	Sil-Carbide
Elastomers	Viton
Metal Parts	316 SS
Casing O-Ring	Viton
Application	Glycol, Mild Chemicals & Mild Abrasive to 250°F/121°C

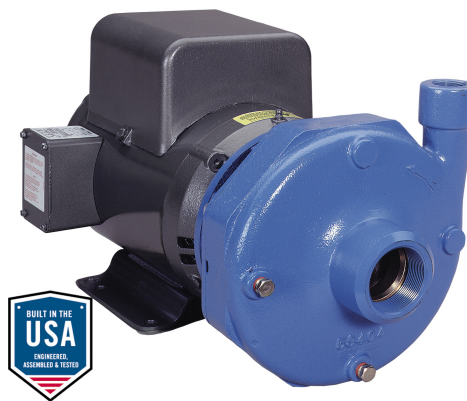
Motor data

Specific design	1ph TEFC	Speed	3500 rpm	Insulation class	F
Electric voltage	0 V	Frame size	182JM	Colour	RAL 5010
Type	115/230V 182JM (C09722)	Degree of protection	IP 55		
Rated power	3 hp	Electric current	0 A		

Remarks:

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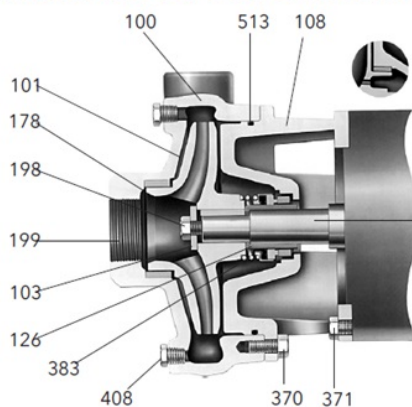
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Pump Materials

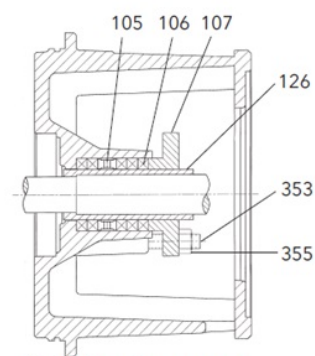
100 - Casing	Gray cast iron ASTM A48 CL20B
101 - Impeller	Silicon bronze ASTM B584, C87500
103 - Casing wear ring	Bismuth brass
108 - Adapter	Cast iron ASTM A48 CL30
184 - Seal housing (One piece with adapter)	Cast iron ASTM A48 CL30
198 - Impeller bolt	AISI Type 300 series stainless steel
199 - Impeller 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.*

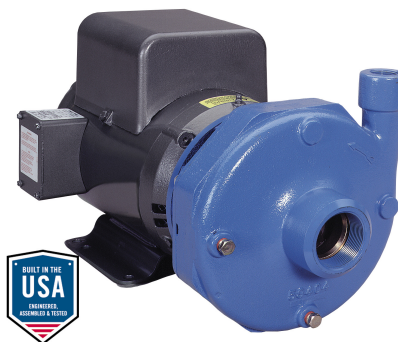
AISI 1045 steel motor shaft
extension (typical)
*Extensión del eje del motor
de acero AISI 1045 (típico)*



Packed Box Arrangement
Caja prensaestopas

Remarks:

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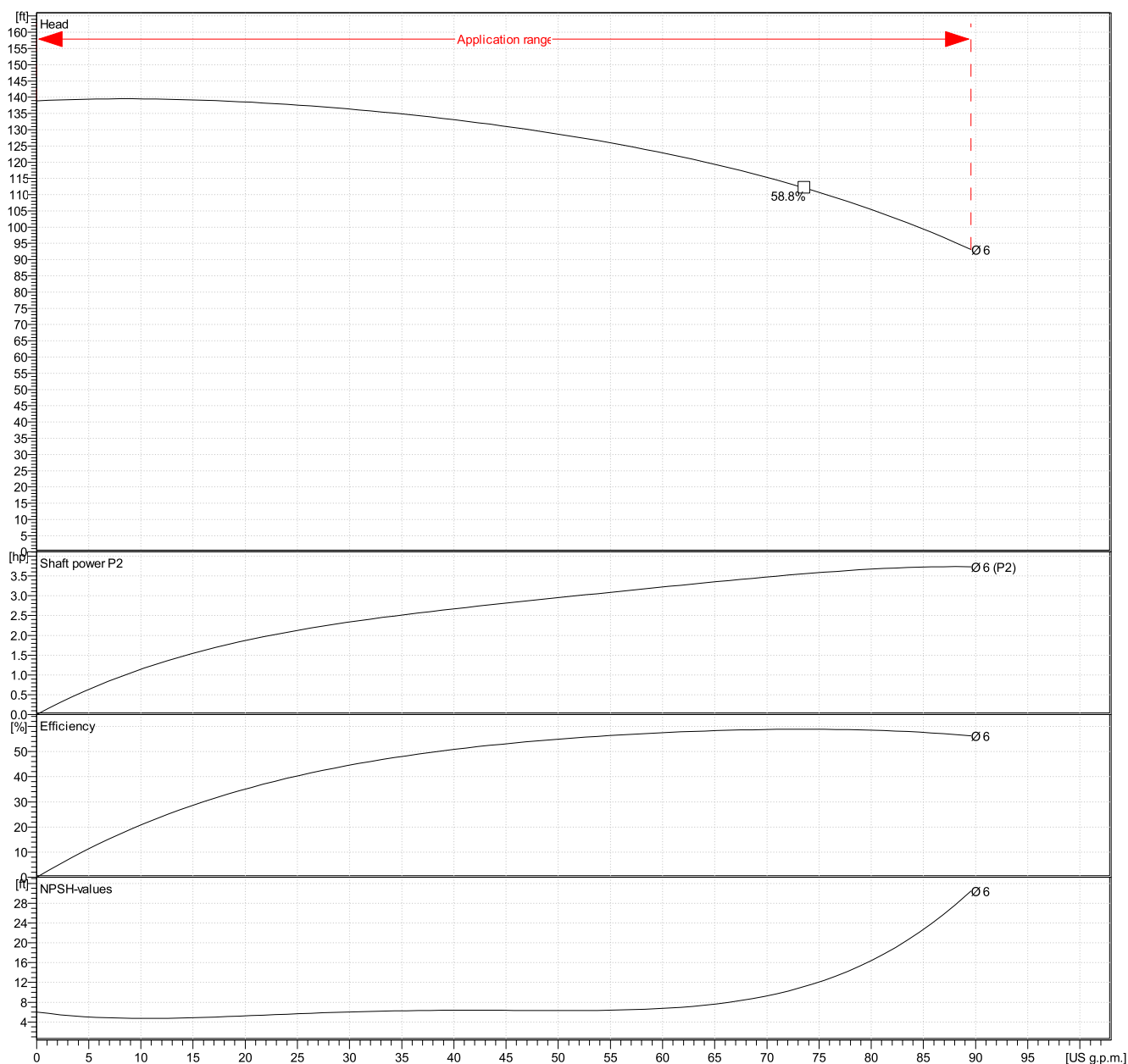
Hydraulic Data

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

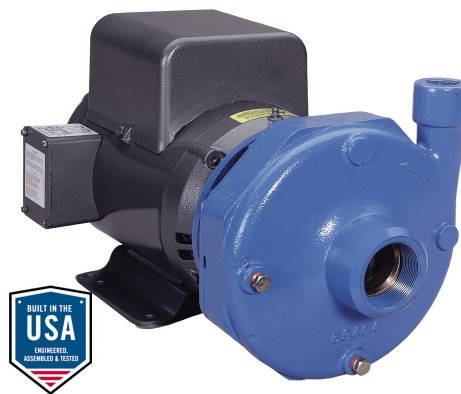
Power data referred to:

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

Performance according to ISO 9906:2012 – Grade 3B



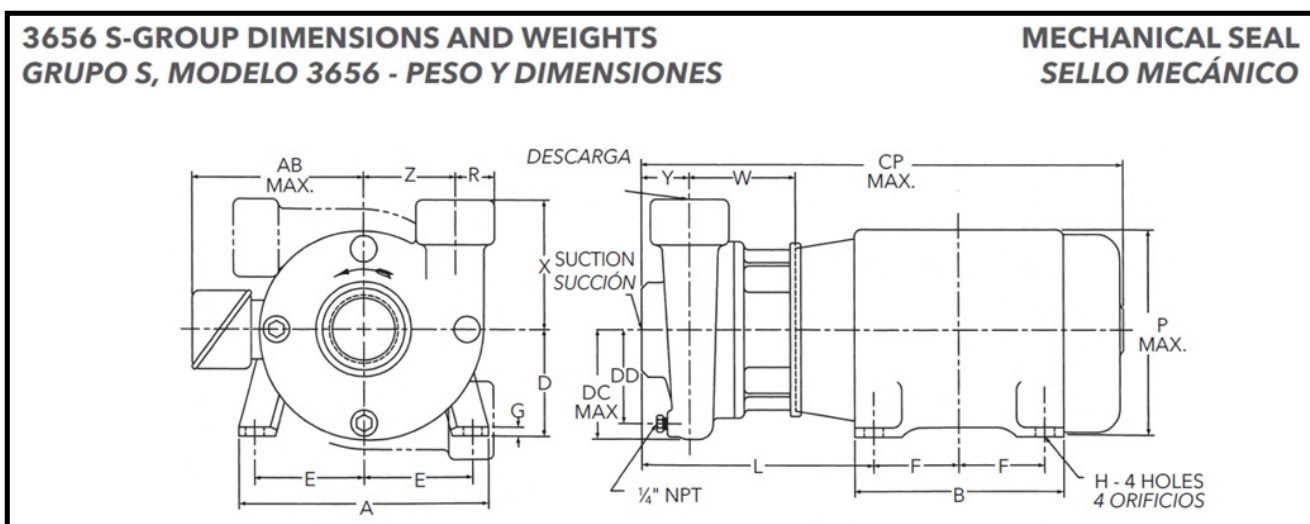
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Drawing

Dimensional Data



Dimensions inch

A	$8\frac{11}{16}$	F	$2\frac{1}{4}$	Y	3	Weight	
AB Max.	$7\frac{1}{2}$	G	$\frac{3}{8}$	Z	4	223.96	lb
B	$6\frac{1}{2}$	H	$7\frac{1}{16}$				
CP Max.	$24\frac{3}{4}$	L	$10\frac{5}{8}$				
D	$4\frac{1}{2}$	P Max.	$9\frac{9}{16}$				
DC Max.	$4\frac{1}{4}$	R	$1\frac{1}{16}$				
DD	$3\frac{1}{2}$	Suction	2				
Discharge	1	W	$4\frac{1}{8}$				
E	$3\frac{3}{4}$	X	$5\frac{1}{2}$				