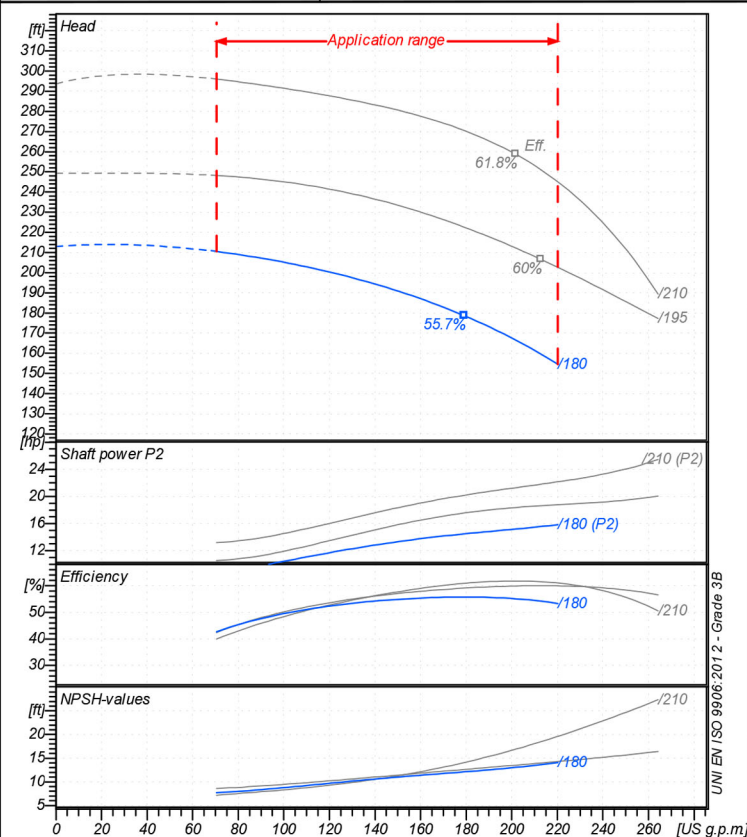




Receiver

From

 Company name  
 Respons. Department  
 Person in charge  
 Phone number  
 Fax no  
 E-mail address


### Operating data specification

Nominal flow	US g.p.m	0
Nominal head	ft	0
Static head	ft	0
NPSH - value of plant	ft	0
Inlet pressure	psi	1.42
Fluid	Water, pure	
Operating temperature t A	°F	68
Density at t A	lb/ft <sup>3</sup>	62.32
Kin. viscosity at t A	ft <sup>2</sup> /s	1.082E-5

### Pump

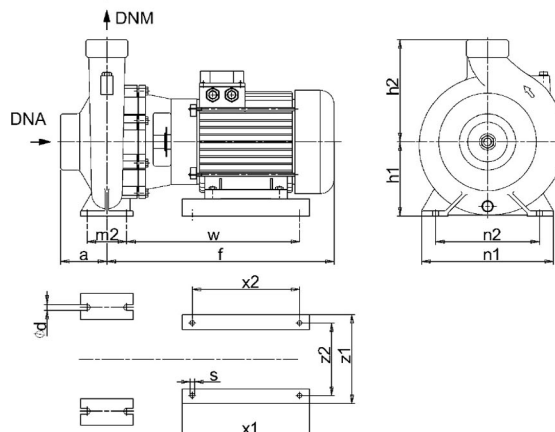
Pump name		6BP12N/180	
Size			
Design			
Speed	rpm	3550	No of stages 1
Impeller type			
Flow	Nominal	US g.p.m	
	Max-	US g.p.m	220
	Min-	US g.p.m	70.4
Head	Nominal	ft	
	Max-	ft	210
	Min-	ft	155
Head H(Q=0)		ft	213
NPSH 3%		ft	
Max. working pressure		psi	92.2
Shaft power		hp	
Efficiency		%	
Max absorbed power		hp	15.833

### Materials Pump

Shaft	Stainless steel AISI 431 (1.4057)
Impeller	Cast iron EN-GJL-250
Pump body	Cast iron EN-GJL-250
Seal disc	Cast iron EN-GJL-250
Gasket	Natural fiber
Mechanical seal	BVEG (Grafite/Ossido Allumina/EPDM)

### Dimensions in inch

a	2 <sup>15</sup> / <sub>16</sub>
d	9/ <sub>16</sub>
f	19 <sup>5</sup> / <sub>16</sub>
h1	6 <sup>5</sup> / <sub>16</sub>
h2	8 <sup>1</sup> / <sub>4</sub>
m2	2 <sup>3</sup> / <sub>4</sub>
n1	10 <sup>7</sup> / <sub>16</sub>
n2	8 <sup>3</sup> / <sub>8</sub>
w	16 <sup>1</sup> / <sub>8</sub>
x1	320;
x2	280;
z1	270;
z2	216;



<b>Motor</b>	Frame size	132	
Manufacturer / Type	SAER	132-2P-15	
Rated power	hp	14.751	Efficiency 4/4 88.1 %
Electric current	A	21.3	Speed rpm 3490
Electric voltage	V	460 V	3~ Hz 60
Starting mode	Unknown		
Degree of protection	IP 55	Insulation class	F

Remarks:

Project	Project ID	Created by	Created on	Last update
			2020/07/07	



Receiver

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Operating area

Flow

Head

Impeller type

Operating data specification

0 US g.p.m

0 ft

Impeller construction

Sense of rotation

Clockwise from the drive end

Pump data

US g.p.m

ft

Outlet width

G2"

Flow			Head			Shaft power P2		
Min.	Max.	$\eta_{Max}$	H(Q=0)	$\eta_{Max}$	P2(Q=0)	Max.	$\eta_{Max}$	
US g.p.m	US g.p.m	US g.p.m	ft	ft	hp	hp	hp	
70.4	220	179	213	179		15.8	14.5	

Speed

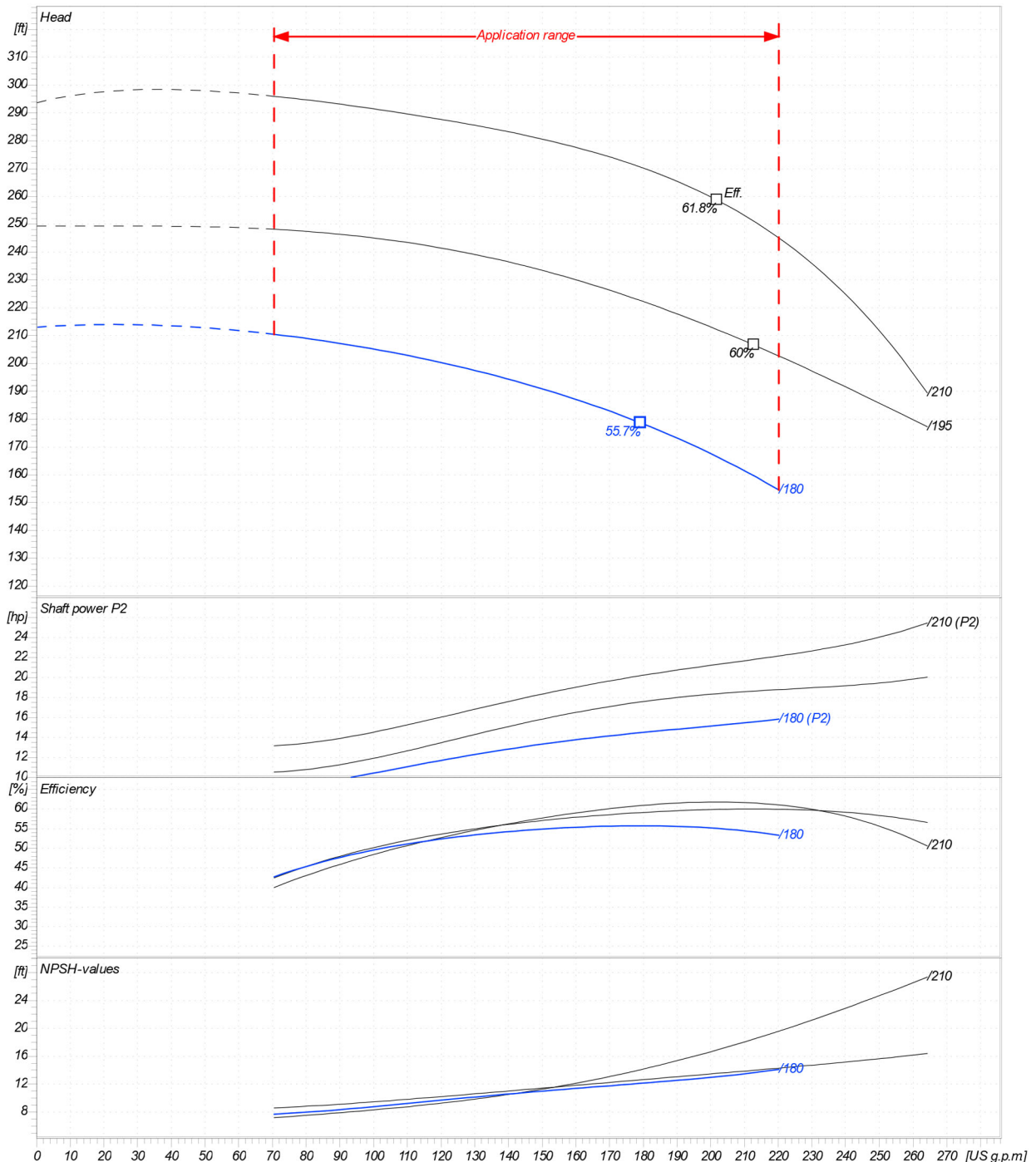
rpm 3550

Frequency

Hz 60 Hz

 Performance data based to: Water, pure [100%]; 68°F; 62.3lb/ft<sup>3</sup>; 1.08E-5ft<sup>2</sup>/s

UNI EN ISO 9906:2012 - Grade 3B



Project

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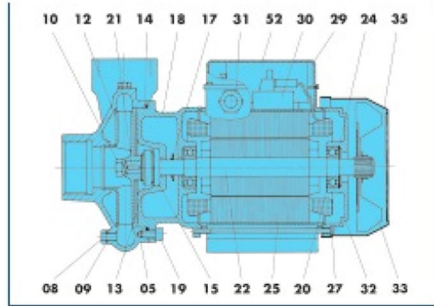
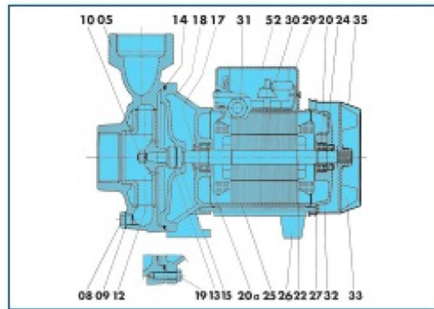
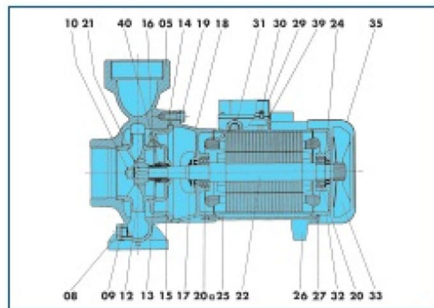
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**6BP 3-4-5**

**6BP 6**

**6BP 7-8-9-10-11-12-13-14-15-16-17**

REF. REF. IURL	COMPONENT	COMPONENTE	COMPONENTE
05	Pump body	Corpo pompa	Cuerpo de bomba
08	Plug	Tappo	Tapon
09	Gasket	Guarnizione	Empaquetadura
10	Nut	Dado	Tuerca
12	Impeller	Girante	Impulsor
13	Rotating mechanical seal	Parte rotante tenuta meccanica	Cierre mecanico parte girante
14	O-Ring	Anello OR	Anillo OR
15	Fixed mechanical seal	Parte fissa tenuta meccanica	Cierre mecanico parte fija
16	Seal holding disc	Disco porta tenuta	Anillo intermedio
17	Drop guard	Paragocce	Paragotas
18	Support	Supporto	Soporte
19	Screw	Vite	Tomillo
20	Bearing	Cuscinetto	Cojinete
20a	Bearing	Cuscinetto	Cojinete
21	Key	Linguetta	Chaveta
22	Rotating shaft	Albero rotante	Eje rotatorio
24	O-ring	Anello elastico	Anillo elastico
25	Casing with wound stator	Carcassa statore avvolto	Carcassa estator envuelto
26	Foot	Piede	Pie
27	Tie-rod	Tirante	Tirante
29	Terminal board cover	Coperchio morsettera	Tapa de bornes
30	Terminal board	Morsettera	Bornes
31	Fairlead	Pressacavo	Guia
32	Driving cap	Calotta motore	Tapa motor
33	Fan	Ventola	Ventilador
35	Fan cover	Copri ventola	Tapa ventilador
39	Terminal board gasket	Guarnizione morsettera	Empaquetadura bornes
40	Bushing	Bussola	Casquillo
52	Capacitor	Condensatore	Condensador

Project

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Created by

 Created on  
2020/07/07

Last update


**GOL PUMPS TECHNOLOGY INC**

3750 NW 114 AVE #6 MIAMI, FL 33178

Ph: +1 (786) 615 8984

Fax: +1 (786) 615 7043

Info@golpumps.com

www.golpumps.com