Technical data
6BP6/92-230

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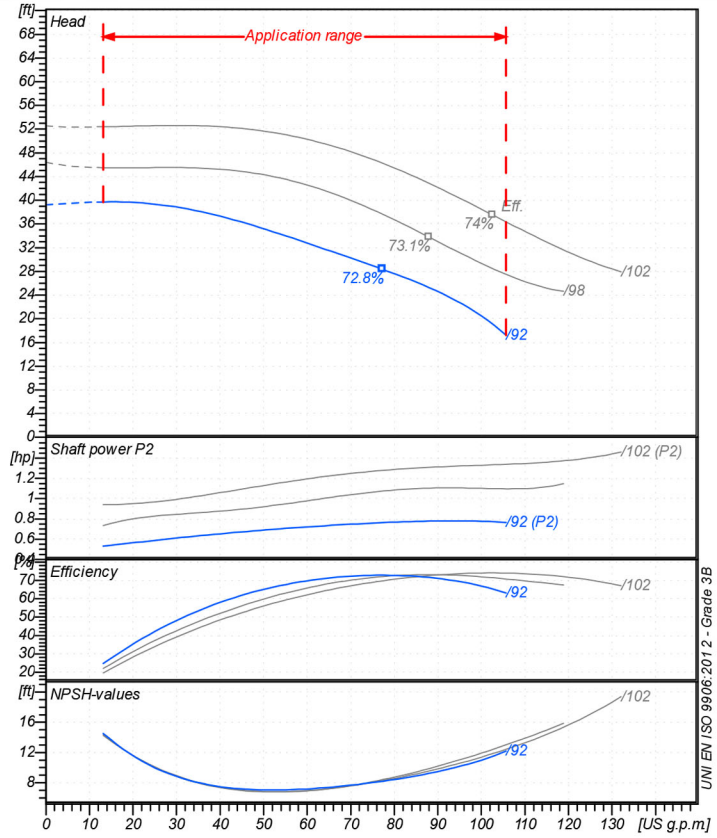
Receiver	From
Company name	
Respons. Department	
Person in charge	
Phone number	
Fax no	
E-mail address	



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/ft³	62.32
Kin. viscosity at t A	ft²/s	1.082E-5

Pump

Pump name		6BP6/92	
Size			
Design			
Speed rpm	3550	No of stages	1
Impeller type			
Flow	Nominal	US g.p.m	
	Max-	US g.p.m	106
	Min-	US g.p.m	13.2
Head	Nominal	ft	
	Max-	ft	39.7
	Min-	ft	17.2
Head H(Q=0)		ft	39.2
NPSH 3%		ft	
Max. working pressure		psi	17
Shaft power		hp	
Efficiency		%	
Max absorbed power		hp	0.78132

Materials Pump

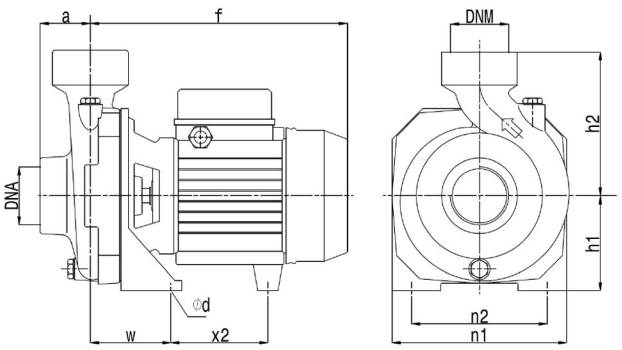
Shaft	Stainless steel AISI 420 (1.4028)
Impeller	Carbon steel G20Mn5 (1.6620)
Pump body	Cast iron EN-GJL-200
Support	Cast iron EN-GJL-200
OR	NBR Rubber
Mechanical seal	BXPG (Gra/Cer/NBR)

Motor

Motor		Frame size		71	
Manufacturer / Type		SAER 71-2P-0,8			
Rated power	hp	0.80461	Efficiency 4/4		77 %
Electric current	A	2	Speed	rpm	3460
Electric voltage	V	460 V	3~	Hz	60
Starting mode		Unknown			
Degree of protection		IP 55	Insulation class		F

Dimensions in inch

a	2 1/16
d	3/8
f	10 7/16
h1	3 13/16
h2	5 7/8
n1	7 1/16
n2	5 1/2
w	3 1/4



Remarks:

Project	Project ID	Created by	Created on	Last update
			2020-07-08	

Performance curves
6BP6/92

Revision no

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

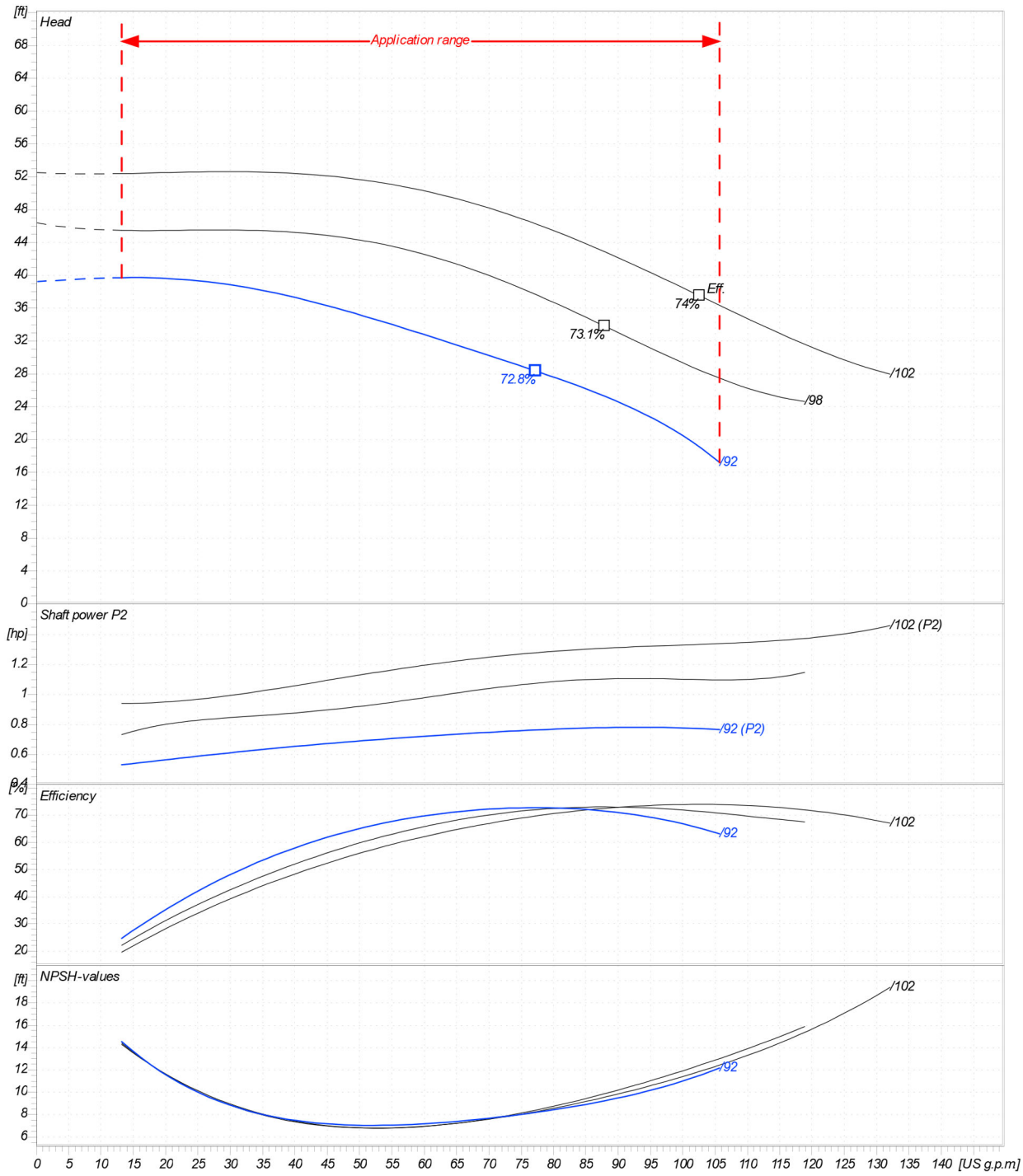
Operating area	Flow		Head	
Operating data specification	0	US g.p.m	0	ft
Pump data		US g.p.m		ft

Flow			Head		Shaft power P2		
Min.	Max.	η Max.	H(Q=0)	η Max.	P2(Q=0)	Max.	η Max.
US g.p.m	US g.p.m	US g.p.m	ft	ft	hp	hp	hp
13.2	106	77.3	39.2	28.4		0.781	0.763

Impeller type	
Impeller construction	
Sense of rotation	Clockwise from the drive end
Outlet width	G2"
Speed rpm	3550
Frequency Hz	60 Hz

Performance data based to: Water, pure [100%] ; 68°F; 62.3lb/ft³; 1.08E-5ft²/s

UNI EN ISO 9906:2012 - Grade 3B



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SAER ELETTROPOMPE	Spare parts 6BP6/92	Revision no	Page: 3	GPT CO

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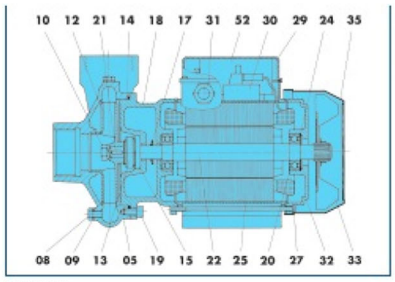
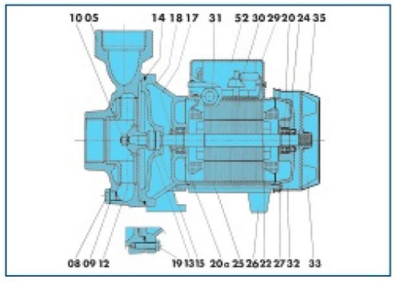
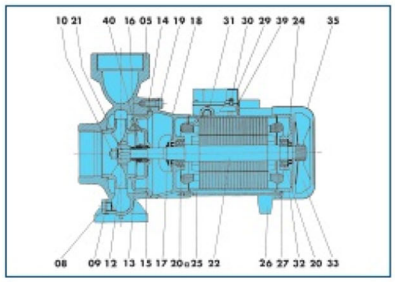


6BP 3-4-5



6BP 6



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

REF. REF. NUM.	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	Paragoccia	Paragotas
18	Support	Supporto	Soporte
19	Screw	Vite	Tornillo
20	Bearing	Cuscinetto	Cojinete
20a	Bearing	Cuscinetto	Cojinete
21	Key	Linguetta	Chaveta
22	Rotating shaft	Albero rotante	Eje rotatorio
24	Circlip	Anello elastico	Anillo elastico
25	Casing with wound stator	Carcassa statore avvolto	Carcasa estator envuelto
26	Foot	Piede	Pie
27	Tie-rod	Tirante	Tirante
29	Terminal board cover	Coperchio morsettiera	Tapa de bornes
30	Terminal board	Morsettiera	Bornes
31	Fairlead	Pressacavo	Guia
32	Driving cap	Calotta motore	Tapa motor
33	Fan	Ventola	Ventilador
35	Fan cover	Copriventola	Tapa ventilador
39	Terminal board gasket	Guarnizione morsettiera	Empaquetadura bornes
40	Bushing	Bussola	Casquillo
52	Capacitor	Condensatore	Condensador

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