Technical data
6BP13/160 -230

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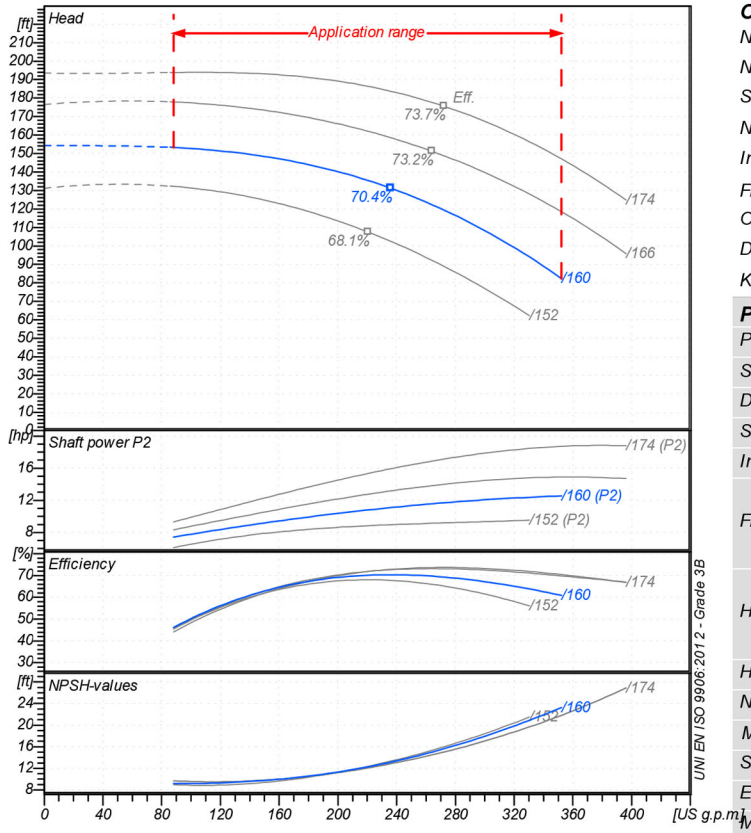
Receiver	From
Company name	
Respons. Department	
Person in charge	
Phone number	
Fax no	
E-mail address	



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			6BP13/160	
Size				
Design				
Speed	rpm	3550	No of stages	1
Impeller type				
Flow		Nominal	US g.p.m	
		Max-	US g.p.m	352
		Min-	US g.p.m	88.1
Head		Nominal	ft	
		Max-	ft	153
		Min-	ft	82.4
Head H(Q=0)			ft	154
NPSH 3%			ft	
Max. working pressure			psi	66.8
Shaft power			hp	
Efficiency			%	
Max absorbed power			hp	12.545

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

G 3"

Motor	Frame size	132		
Manufacturer / Type	SAER 132-2P-12,5			
Rated power hp	12.337	Efficiency 4/4		87 %
Electric current A	33	Speed	rpm	3515
Electric voltage V	230 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	

Performance curves
6BP13/160

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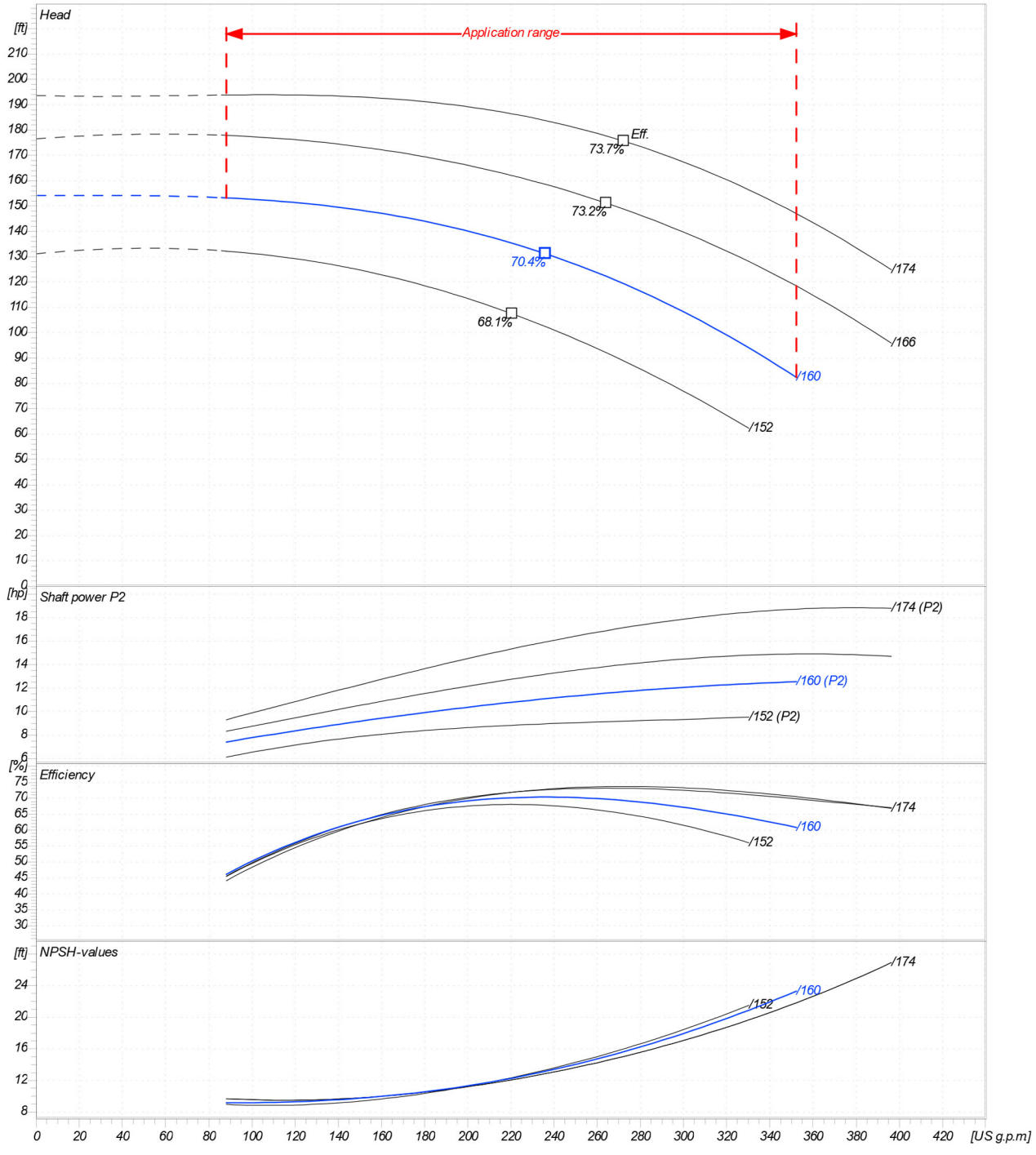
Operating area	Flow		Head	
Operating data specification	0	US g.p.m	0	ft
Pump data		US g.p.m		ft

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
88.1	352	236	154	131		12.5	11.1

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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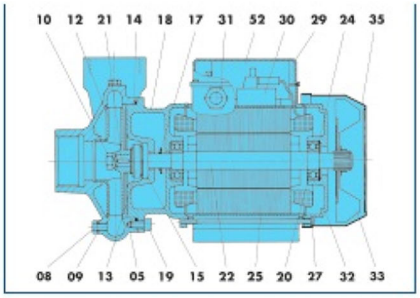
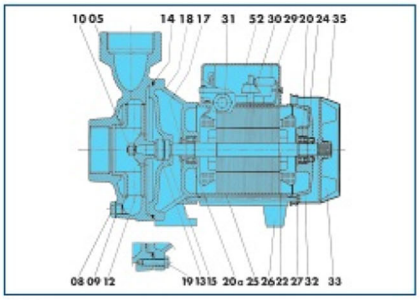


6BP 3-4-5



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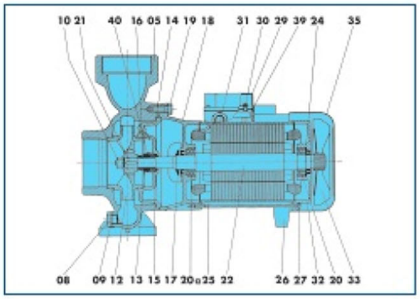

6BP 7-8-9-10-11-12-13-14-15-16-17

RIF. 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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			2020/07/07	