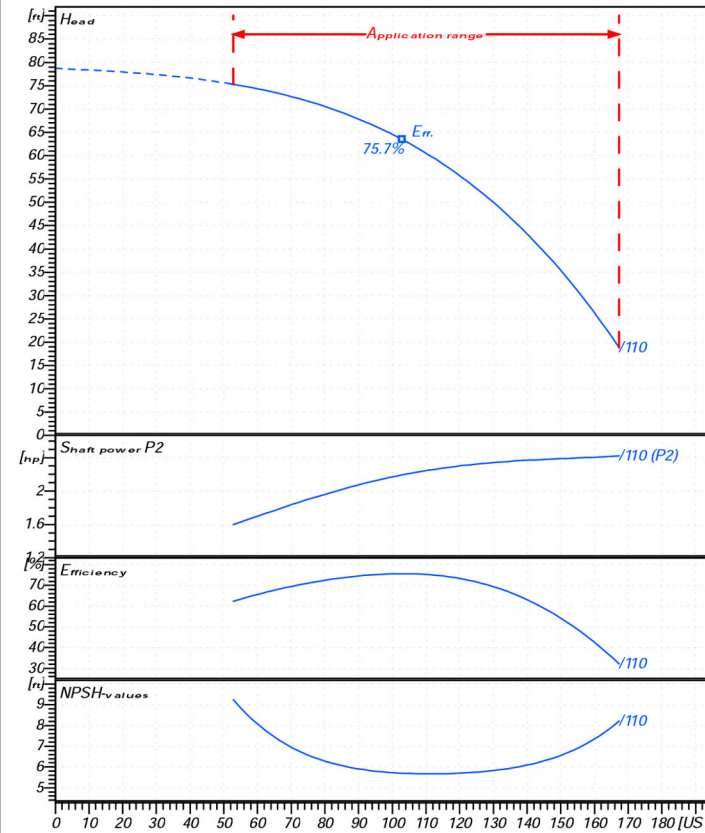




Receiver

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 ³	62.32
Kin. viscosity at t A	ft ² /s	1.082E-5

Pump

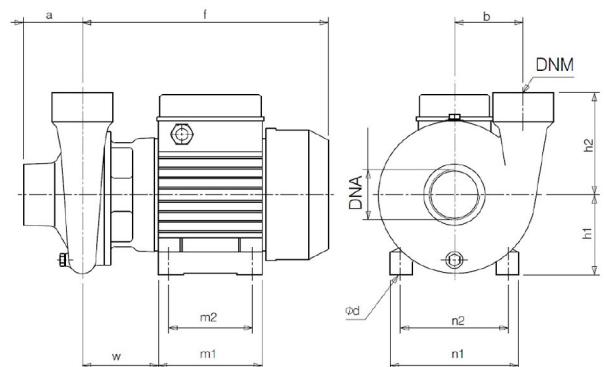
Pump name	6BP5/110		
Size			
Design			
Speed rpm	3550	No of stages	1
Impeller type			
Flow	Nominal	US g.p.m	
	Max-	US g.p.m	167
	Min-	US g.p.m	52.8
Head	Nominal	ft	
	Max-	ft	75.3
	Min-	ft	18.9
Head H(Q=0)	ft		78.7
NPSH 3%	ft		
Max. working pressure	psi		34.1
Shaft power	hp		
Efficiency	%		
Max absorbed power	hp		2.4231

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	Frame size	80	
Manufacturer / Type	SAER 80-2P-2		
Rated power	hp	2.0115	Efficiency 4/4 75 %
Electric current	A	8.4	Speed rpm 3490
Electric voltage	V	230 V	3~ Hz 60
Starting mode	Unknown		
Degree of protection	IP 55	Insulation class	F

Dimensions in inch

a	2 ³ / ₄
d	3/ ₈
r	11 ⁹ / ₁₆
h1	3 ³ / ₄
h2	4 ¹³ / ₁₆
m1	4 ⁷ / ₈
m2	3 ¹⁵ / ₁₆
n1	6
n2	4 ¹⁵ / ₁₆
w	3 ⁷ / ₁₆



Remarks:

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



Receiver

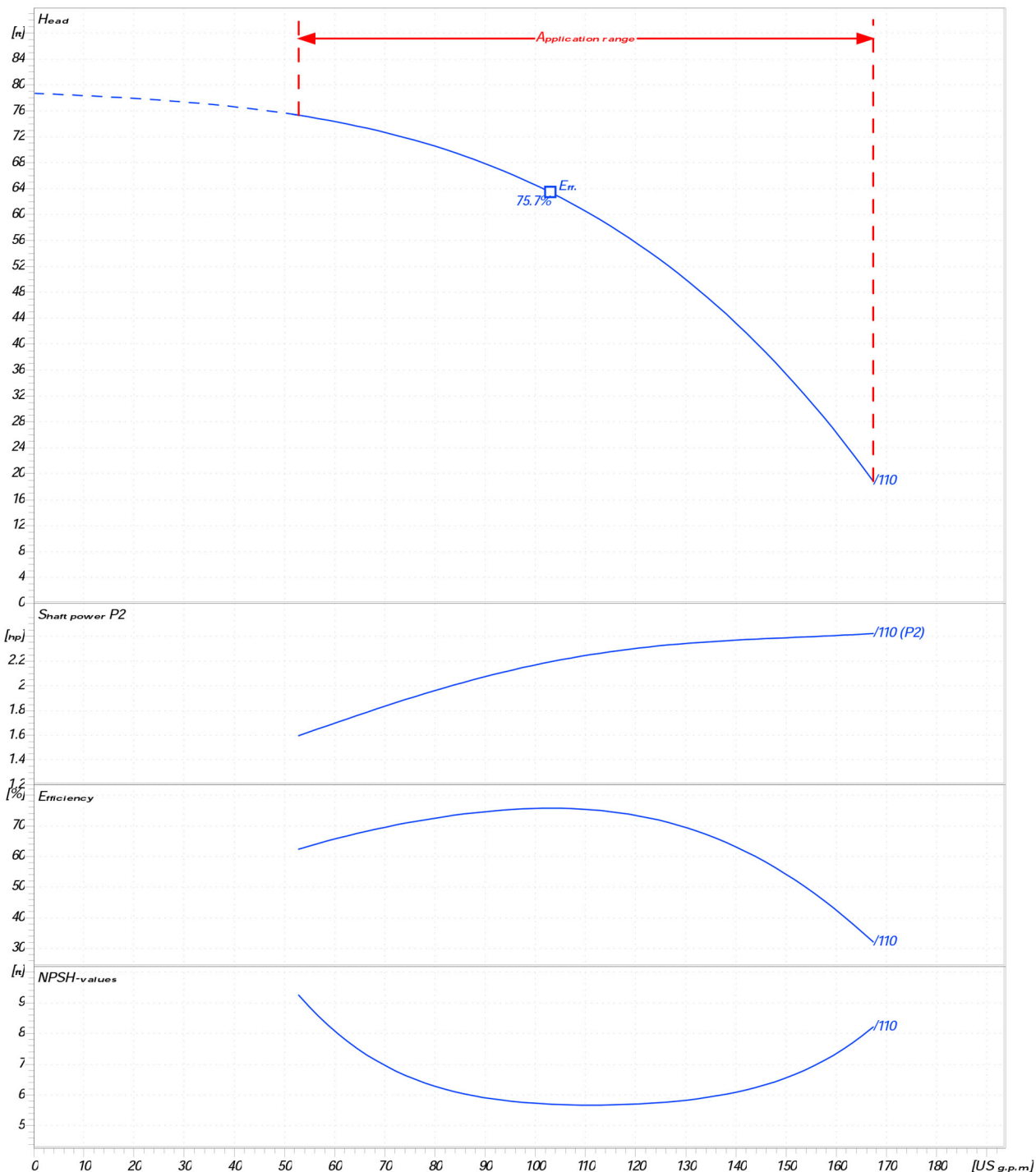
From

 Company name
 Respons. Department
 Person in charge
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Operating area	Flow	Head	Impeller type																											
Operating data specification	0 US g.p.m	0 ft	Impeller construction																											
Pump data	US g.p.m	ft	Sense of rotation Clockwise from the drive end																											
			Outlet width G2"																											
			Speed rpm 3550																											
			Frequency Hz 60 Hz																											
	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="2">Flow</th> <th colspan="2">Head</th> <th colspan="3">Shaft power P2</th> </tr> <tr> <th>Min.</th> <th>Max.</th> <th>η Max.</th> <th>H(Q=0)</th> <th>η Max.</th> <th>P2(Q=0)</th> <th>η Max.</th> </tr> <tr> <th>US g.p.m</th> <th>US g.p.m</th> <th>US g.p.m</th> <th>ft</th> <th>ft</th> <th>hp</th> <th>hp</th> </tr> </thead> <tbody> <tr> <td>52.8</td> <td>167</td> <td>103</td> <td>78.7</td> <td>63.4</td> <td>2.42</td> <td>2.19</td> </tr> </tbody> </table>	Flow		Head		Shaft power P2			Min.	Max.	η Max.	H(Q=0)	η Max.	P2(Q=0)	η Max.	US g.p.m	US g.p.m	US g.p.m	ft	ft	hp	hp	52.8	167	103	78.7	63.4	2.42	2.19	
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US g.p.m	US g.p.m	US g.p.m	ft	ft	hp	hp																								
52.8	167	103	78.7	63.4	2.42	2.19																								

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

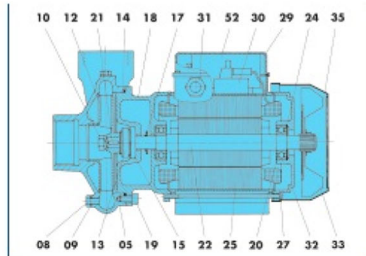
UNI EN ISO 9906:2012 - Grade 3B



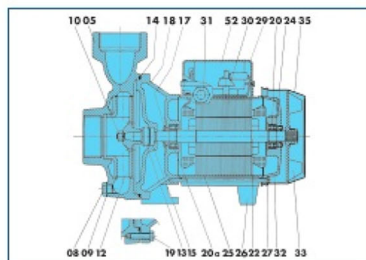
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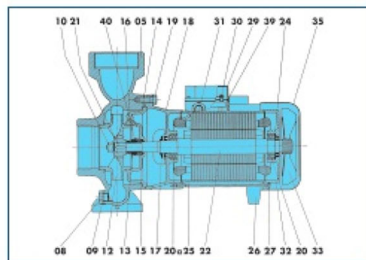
Company name
Respons. Department
Person in charge
Phone number
Fax no
E-mail address



6BP 3-4-5



6BP 6



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

REF. REF. IRIAL	COMPONENT	COMPONENTE	COMPONENTE
05	Pump body	Corpo pompa	Cuerpo de bomba
08	Plug	Tappo	Tapon
09	Gasket	Garnizione	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	Paragocchia	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 morsettiere	Tapa de bornes
30	Terminal board	Morsettiere	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	Garnizione morsettiere	Empaquetadura bornes
40	Bushing	Buseola	Casquillo
52	Capacitor	Condensatore	Condensador

Project

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2020/07/07

Last update



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