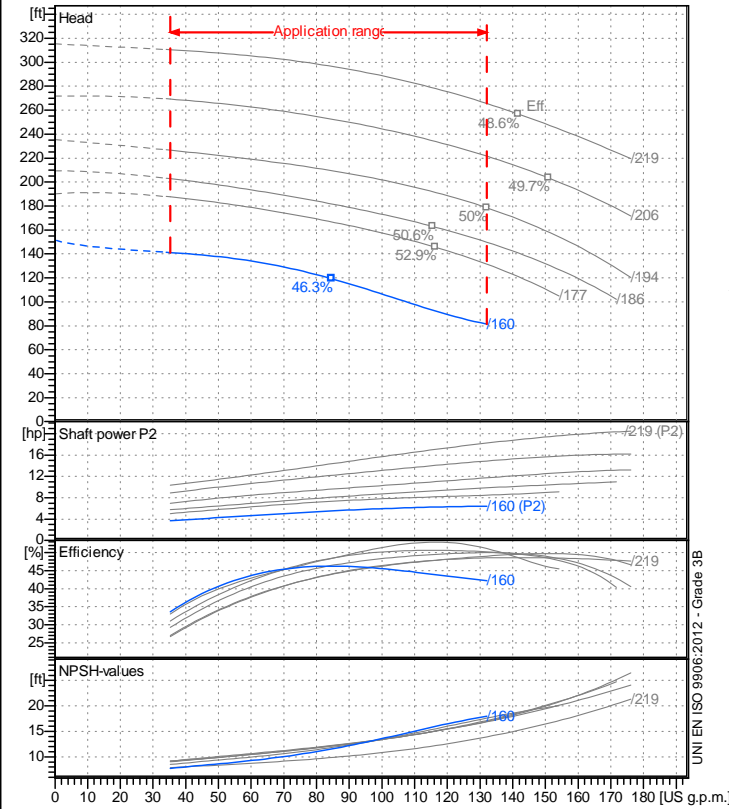


Receiver

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 - v 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	6BP10N/160		
Size			
Design			
Speed rpm	3550	No of stages	1
Impeller type			
Flow	Nominal	US g.p.m.	
	Max-	US g.p.m.	132
	Min-	US g.p.m.	35.2
Head	Nominal	ft	
	Max-	ft	141
	Min-	ft	81.5
Head H(Q=0)	ft	151	
NPSH 3%	ft		
Max. working pressure	psi	65.5	
Shaft power	hp		
Efficiency	%		
Max absorbed power	hp	6.4306	

Materials Pump

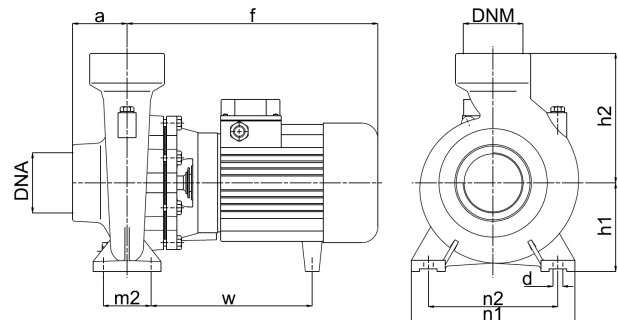
Shaft	Stainless steel AISI 431 (1.4057)		
Impeller	Cast iron EN-GJL-250		
Pump body	Cast iron EN-GJL-250		
Seal disc	Cast iron EN-GJL-250		
Gasket	Natural fiber		
Mechanical seal	BVEG (Grafito/Ossido Allumina/EPDM)		

Motor	Frame size	112		
Manufacturer / Type	SAER 112-2P-5,5			
Rated power	hp	5.3641	Efficiency 4/4	86 %
Electric current	A	15.6	Speed rpm	3510
Electric voltage	V	230 V	3~	Hz 60
Starting mode	Unknown			
Degree of protection	IP 55	Insulation class	F	

Remarks:

Dimensions in inch

a	2 ⁹ / ₁₆
d	9 ⁹ / ₁₆
f	14 ⁹ / ₁₆
h1	5 ³ / ₁₆
h2	7 ¹ / ₁₆
m2	2 ³ / ₄
n1	9 ⁷ / ₁₆
n2	7 ¹ / ₂
w	10 ¹³ / ₁₆

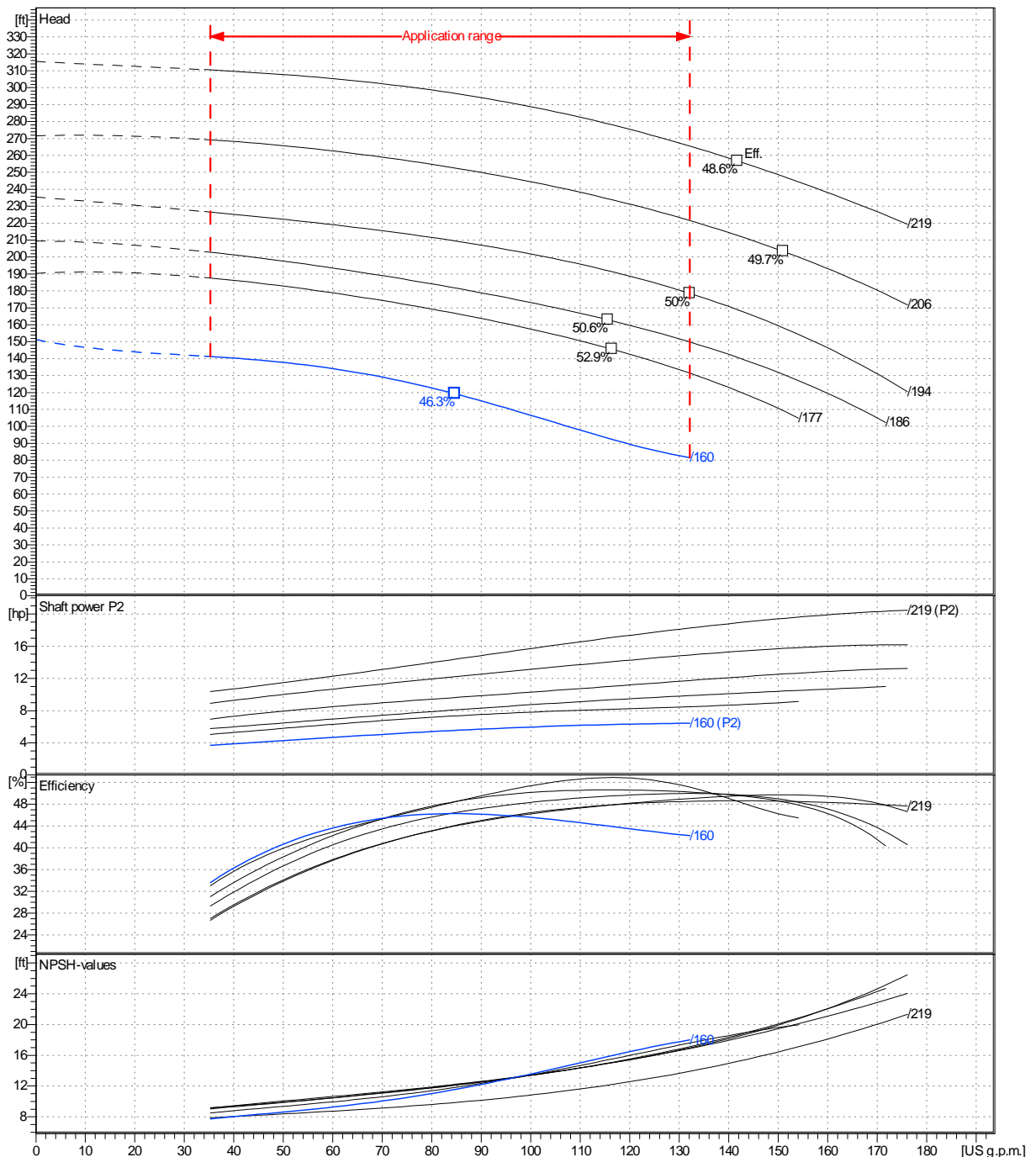


Project	Project ID	Created by	Created on	Last update
			2022-07-26	

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

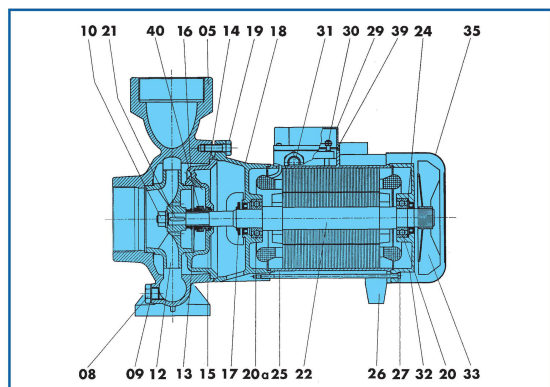
Operating area	Flow	Head	Impeller type
Operating data specification	0 US g.p.m.	0 ft	Impeller construction
Pump data	US g.p.m.	ft	Sense of rotation
			Clockwise f from the drive end
			Outlet width
			G1½"
	Flow	Head	Shaft power P2
	Min. Max. η Max.	H(Q=0) η Max.	P2(Q=0) Max. η Max.
	US g.p.m. US g.p.m. US g.p.m.	ft ft	hp hp hp
	35.2 132 84.6	151 119	6.43 5.55
			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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BP 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	Tomillo
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

Project

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