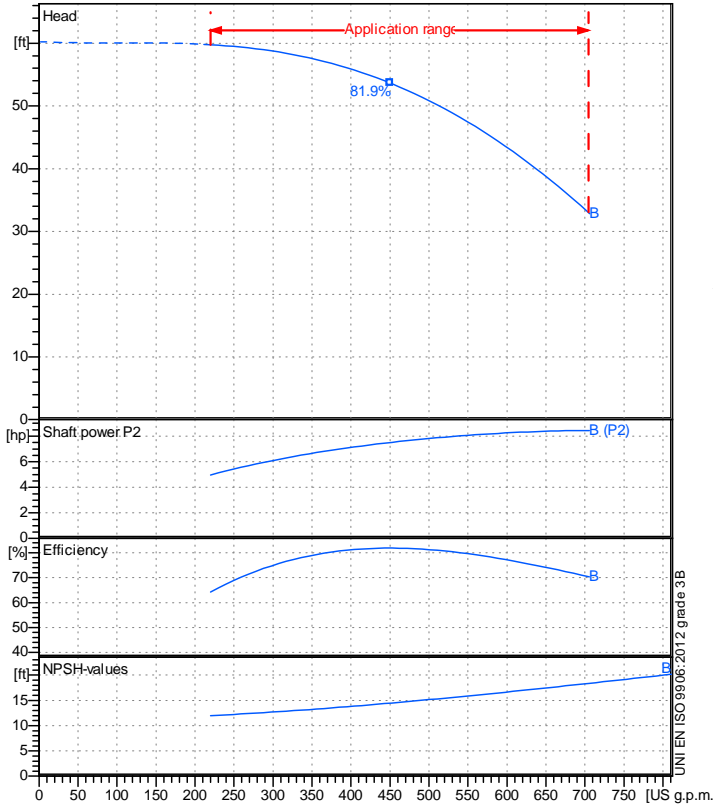


Receiver

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	6MG4-4P 80-200B		
Size	100/80/200		
Design			
Speed rpm	1800	No of stages	1
Impeller type			
Flow	Nominal	US g.p.m.	
	Max-	US g.p.m.	706
	Min-	US g.p.m.	220
Head	Nominal	ft	
	Max-	ft	59.8
	Min-	ft	32.9
Head H(Q=0)	ft	60.2	
NPSH 3%	ft		
Max. working pressure	psi	26.1	
Shaft power	hp		
Efficiency	%		
Max absorbed power	hp	8.4412	

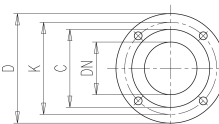
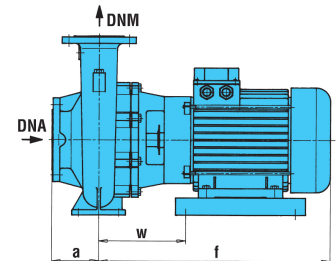
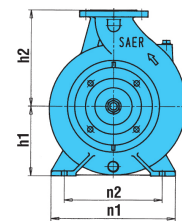
Materials Pump

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)

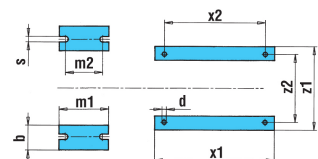
Motor	Frame size	132L		
Manufacturer / Type	SAER	MEC132L-4P-7.5		
Rated power	hp	10.058	Efficiency 4/4	86 %
Electric current	A	24/12 A	Speed rpm	1800
Electric voltage	V	230/460V	3~	Hz 60
Starting mode	Unknown			
Degree of protection	IP 55	Insulation class	F	

Dimensions in inch

a	4 ³ / ₄	z1	10 ¹ / ₄
b	2 ⁹ / ₁₆	z2	8 ⁷ / ₁₆
d	1 ¹¹ / ₁₆		
DNA	3 ¹⁵ / ₁₆		
DNM	3 ¹ / ₈		
f	22 ³ / ₈		
h1	7 ¹ / ₁₆		
h2	9 ⁹ / ₁₆		
m1	4 ¹⁵ / ₁₆		
m2	3 ³ / ₄		
n1	13 ⁹ / ₁₆		
n2	11		
s	9 ⁹ / ₁₆		
w	7 ¹ / ₂		
x1	12 ⁵ / ₈		
x2	11		



C	5 ⁷ / ₁₆	C	6 ¹ / ₄
D	7 ⁷ / ₈	D	8 ¹¹ / ₁₆
DN	3 ³ / ₈	DN	3 ¹⁵ / ₁₆
K	6 ⁹ / ₁₆	K	7 ¹ / ₁₆
n°	3 ³ / ₁₆	n°	5 ¹ / ₁₆
ø n	3 ³ / ₄	ø n	3 ³ / ₄



Remarks:

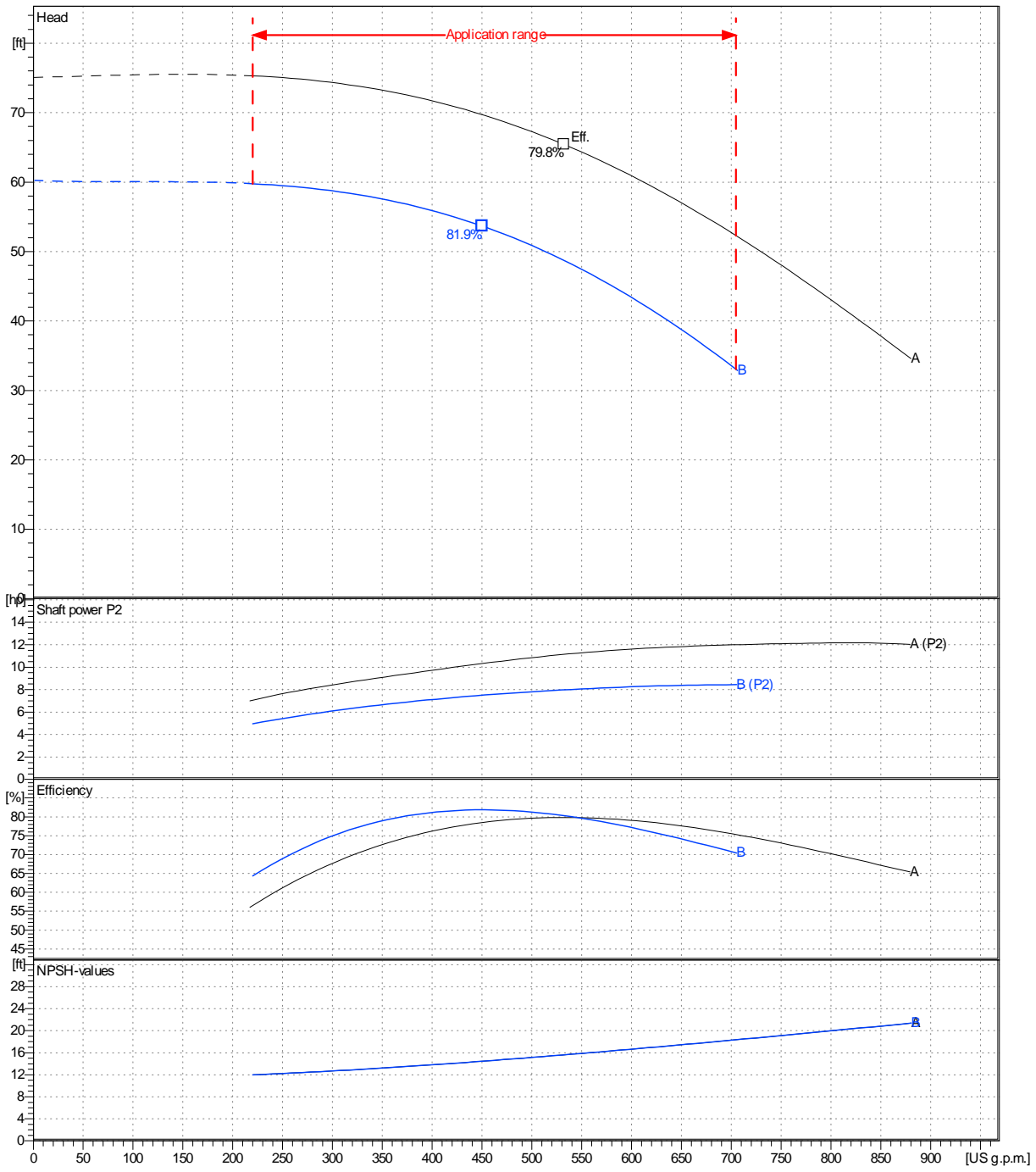
Project	Project ID	Created by	Created on	Last update
			9/26/2022	

Company name
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 Person in charge
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Receiver	From

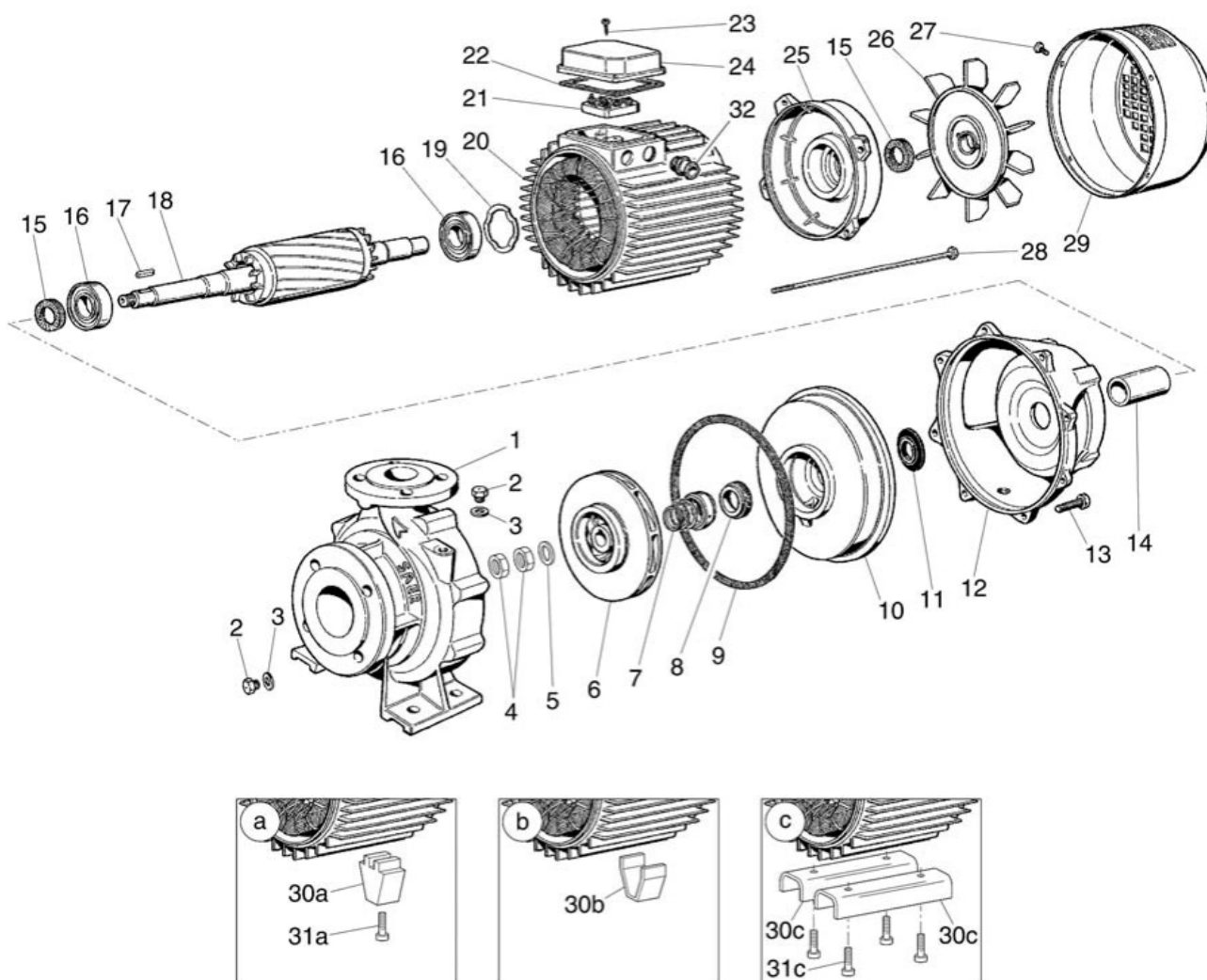
Operating area	Flow	Head	Impeller type																															
Operating data specification	0 US g.p.m.	0 ft	Impeller construction																															
Pump data	US g.p.m.	ft	Sense of rotation																															
			Clockwise from the drive end																															
			Outlet width																															
			DN 80																															
			Speed																															
			rpm 1800																															
			Frequency																															
			Hz 60 Hz																															
	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="3">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>Max.</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> <th>hp</th> </tr> </thead> <tbody> <tr> <td>220</td> <td>704</td> <td>450</td> <td>60.2</td> <td>53.7</td> <td></td> <td>8.44</td> <td>7.5</td> </tr> </tbody> </table>	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	220	704	450	60.2	53.7		8.44	7.5	
Flow			Head		Shaft power P2																													
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Performance data based to: Water, pure [100%]; 68°F; 62.3lb/ft³; 1.08E-5ft²/s UNI EN ISO 9906:2012 - Grade 3B



Project	Project ID	Created by	Created on	Last update
			9/26/2022	

Company name
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Person in charge
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Project

Project ID

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Created on
9/26/2022

Last update