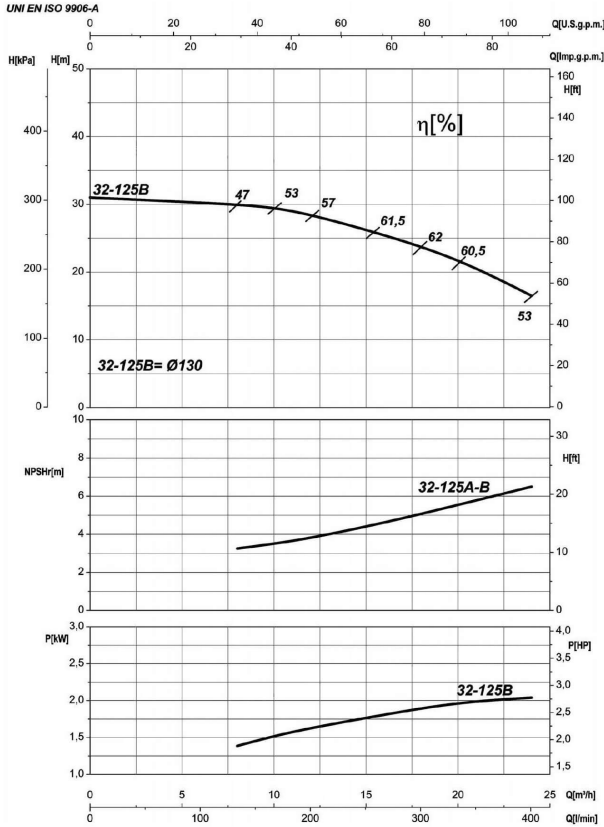


Receiver

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

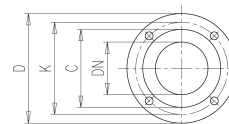
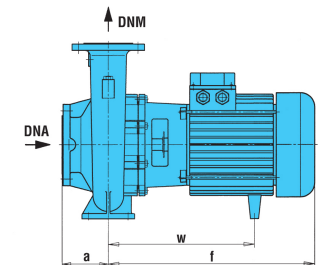
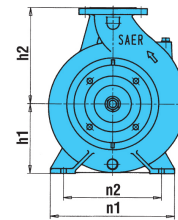
Pump name	6IR32-125B		
Size	50/32/125		
Design			
Speed rpm	3600	No of stages	1
Impeller type			
Flow	Nominal	US g.p.m.	
	Max-	US g.p.m.	106
	Min-	US g.p.m.	35.2
Head	Nominal	ft	
	Max-	ft	98.1
	Min-	ft	54.6
Head H(Q=0)	ft	101	
NPSH 3%	ft		
Max. working pressure	psi	43.8	
Shaft power	hp		
Efficiency	%		
Max absorbed power	hp	2.7354	

Materials Pump

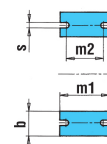
Shaft	Stainless steel AISI 431 (1.4057)
Impeller	Cast iron EN-GJL-250
Pump body	Cast iron EN-GJL-250
Seal disc	Cast iron EN-GJL-250
Gasket	Natural fiber
Mechanical seal	BVEG (Grafito/Ossido Allumina/EPDM)

Dimensions in inch

a	3 ¹ / ₈
b	1 ⁵ / ₁₆
DNA	1 ⁵ / ₁₆
DNM	1 ¹ / ₄
f	13 ⁵ / ₈
h1	4 ⁷ / ₁₆
h2	5 ¹ / ₂
m1	3 ¹⁵ / ₁₆
m2	2 ³ / ₄
n1	7 ¹ / ₂
n2	5 ¹ / ₂
s	9 ¹ / ₁₆
w	9 ¹³ / ₁₆



C	3 ¹ / ₁₆	C	4
D	5 ¹ / ₂	D	6 ¹ / ₂
DN	1 ¹ / ₄	DN	1 ¹⁵ / ₁₆
K	3 ¹⁵ / ₁₆	K	4 ¹⁵ / ₁₆
n°	3 ¹ / ₁₆	n°	3 ¹ / ₁₆
øn	3 ¹ / ₄	øn	3 ¹ / ₄



Motor	Frame size	90 S		
Manufacturer / Type	SAER	MEC90S-2P-2.2		
Rated power	hp	2.9502	Efficiency 4/4	85 %
Electric current	A	8.1 A	Speed rpm	3600
Electric voltage	V	230V	1~	Hz 60
Starting mode	Unknown			
Degree of protection	IP 55	Insulation class	F	

Remarks:

Project	Project ID	Created by	Created on	Last update
			2022-08-01	

Receiver

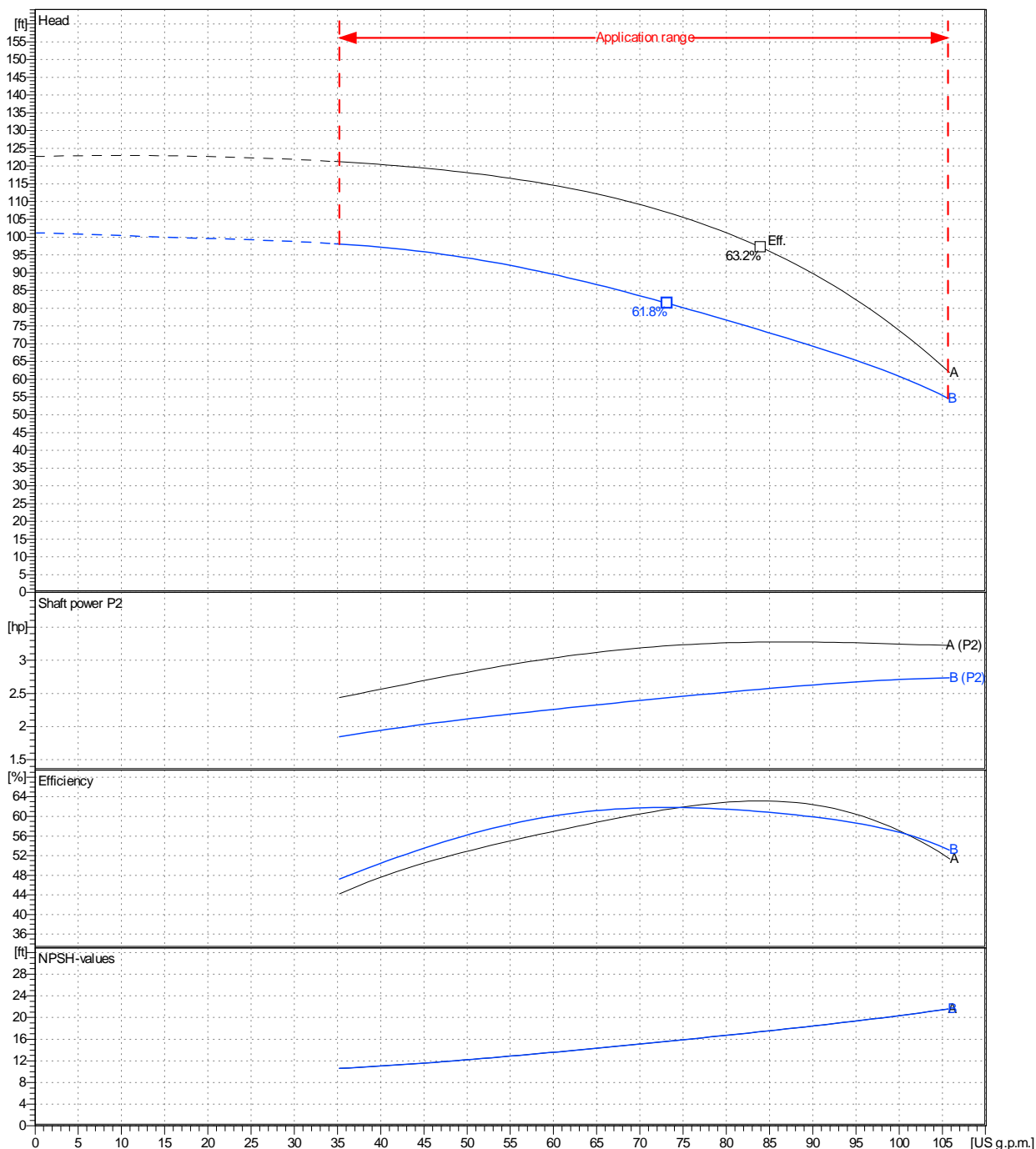
From

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Operating area	Flow	Head	Impeller type	
Operating data specification	0 US g.p.m.	0 ft	Impeller construction	Closed
Pump data	US g.p.m.		Sense of rotation	Clockwise from the drive end
	ft		Outlet width	DN 32
	Flow		Speed	rpm 3600
	Min.	Max.	Frequency	Hz 60 Hz
	US g.p.m.	US g.p.m.		
	35.2	106		
	η Max.	H(Q=0)	η Max.	
	73.2	101	81.4	
	Shaft power P2			
	P2(Q=0)	Max.	η Max.	
	hp	hp	hp	
		2.74	2.43	

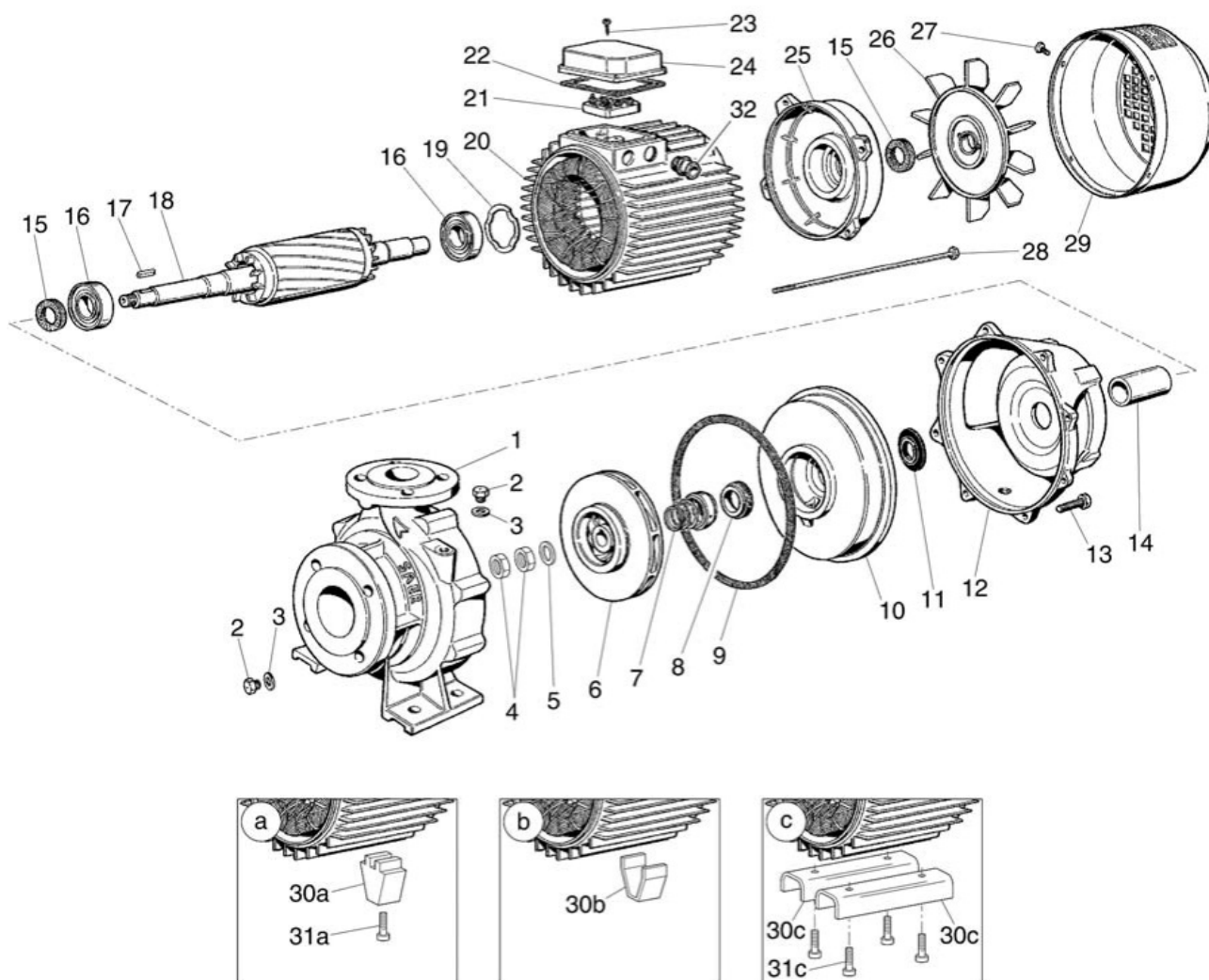
 Performance data based to: Water, pure [100%]; 68°F; 62.3lb/ft³; 1.08E-5ft²/s

UNI EN ISO 9906:2012 - Grade 3B



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			2022-08-01	

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Project

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