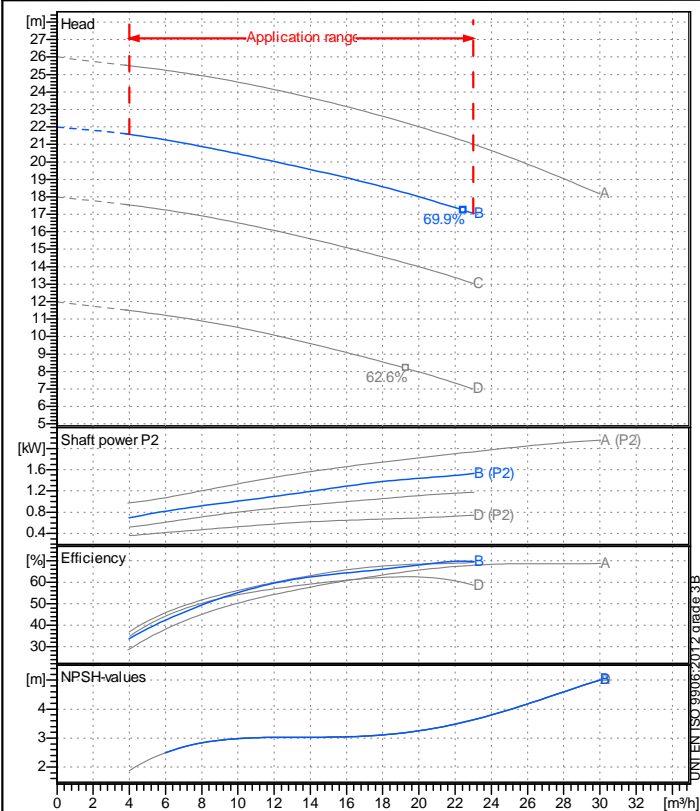


Receiver

From

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

Operating data specification

Nominal flow	m ³ /h 0
Nominal head	m 0
Static head	m 0
NPSH - v alue of plant	m 0
Inlet pressure	bar 0.09793
Fluid	Water, pure
Operating temperature t A	°C 20
Density at t A	kg/dm ³ 0.9983
Kin. viscosity at t A	mm ² /s 1.005

Pump

Pump name	IR32-125SB		
Size	50/32/125		
MEI (Reg. 547/2002 EU) >	0,4		
Speed 1/min	2900	No of stages	1
Impeller type	Radial impeller		
Flow	Nominal	m ³ /h	
	Max-	m ³ /h	23
	Min-	m ³ /h	4
Head	Nominal	m	
	Max-	m	21.6
	Min-	m	17
Head H(Q=0)	m 22		
NPSH 3%	m		
Max. working pressure	bar 2.15		
Shaft power	kW		
Efficiency	%		
Max absorbed power	kW 1.5319		

Materials Pump

Shaft	Stainless steel AISI 431 (1.4057)		
Impeller	Carbon steel G20Mn5		
Pump body	Cast iron EN-GJL-250		
Seal disc	Cast iron EN-GJL-250		
Gasket	Aramidic fiber		
Mech. seal EN 12756			

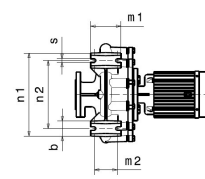
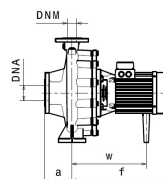
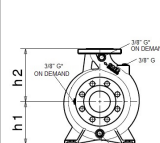
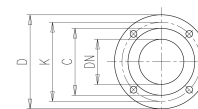
Motor	Manufacturer / Type	SAER 80-2P-2	
Efficiency	IEC 60034-30	IE3	
Rated power	kW 1.5	Efficiency 4/4	84.2 %
Number of poles	2	Frame size	80
Electric current	A 3.2 A	Speed	1/min 2873
Electric voltage	V 400 V	3~	Hz 50
Starting mode	Unknown		
Degree of protection	IP 55	Insulation class	F

Remarks:

Project	Project ID	Created by	Created on	Last update
			2024-02-05	

Dimensions in mm

a	80	DNM	DNA		
b	50	C	78	C	102
f	371.5	D	140	D	165
h1	112	DN	32	DN	50
h2	140	K	100	K	125
m1	100	n°	4 x 18 mm	n°	4 x 18 mm
m2	70				
n1	190				
n2	140				
s	14				
w	240				

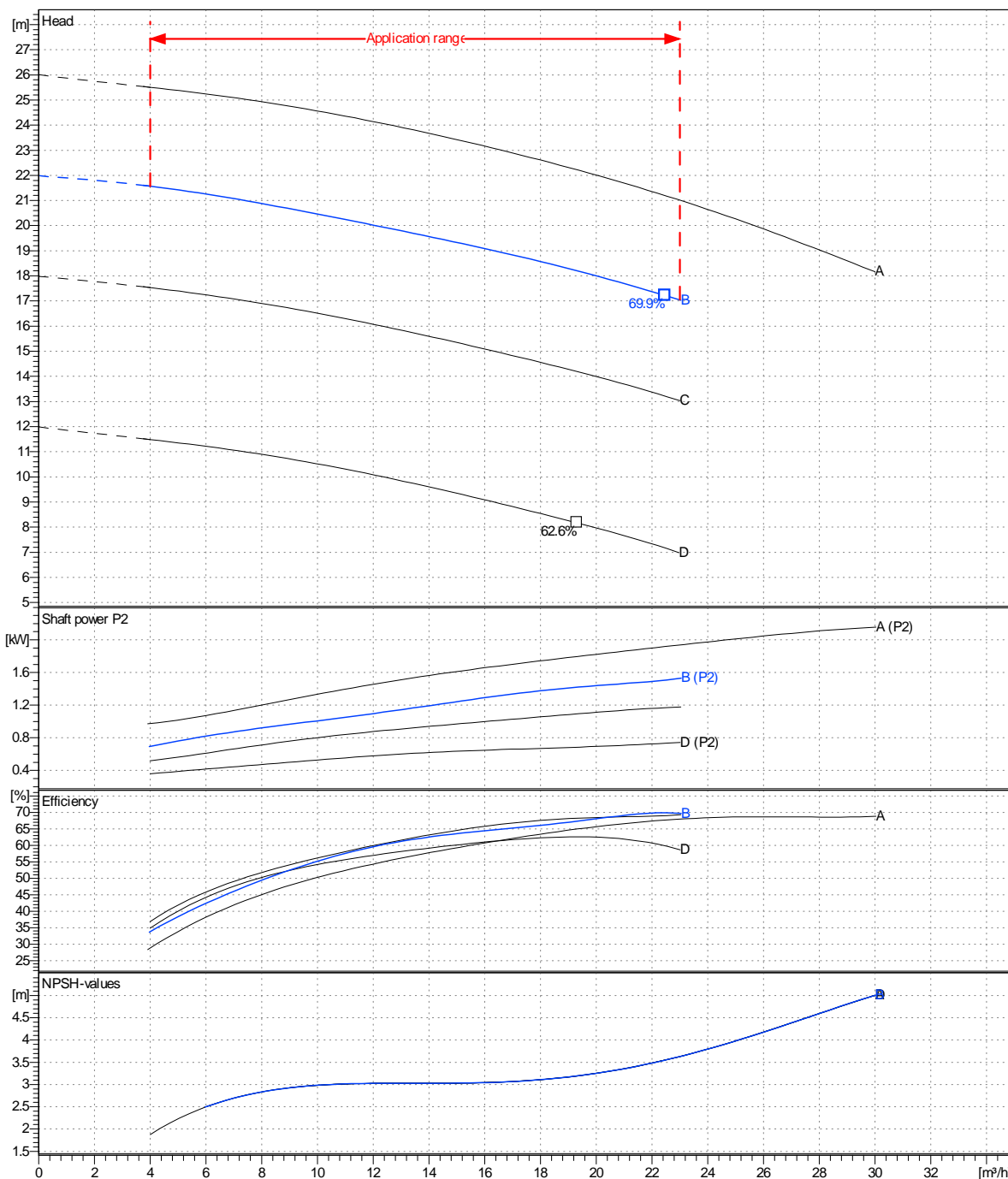


Receiver		From	
Company name			
Respons. Department			
Person in charge			
Phone number			
Fax no			
E-mail address			

Operating area	Flow	Head	Impeller type	Radial impeller						
Operating data specification	0 m ³ /h	0 m	Impeller construction	Closed						
Pump data	m ³ /h	m	Sense of rotation	Clockwise from the drive end						
			Outlet width	DN32						
	Flow		Head		Shaft power P2		Speed	1/min	2900	
	Min.	Max.	η Max.	H(Q=0)	η Max.	P2(Q=0)	Max.	η Max.	Frequency	Hz
	m ³ /h	m ³ /h	m ³ /h	m	m	kW	kW	kW		50 Hz
	4	23	22.5	22	17.2		1.53	1.51		

Performance data based to: Water, pure [100%]; 20°C; 0.998kg/dm³; 1mm²/s

UNI EN ISO 9906:2012 - Grade 3B



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			2024-02-05	

Revision no

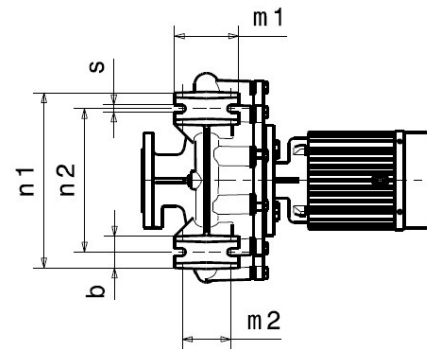
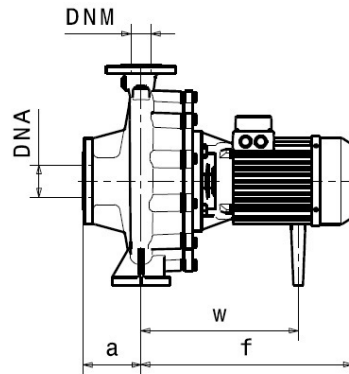
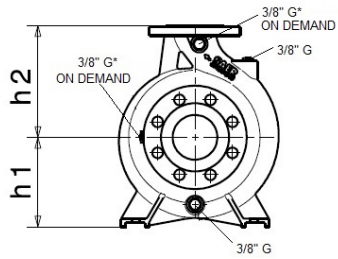
Pump dimensions

Connections

Suction side	Discharge port
DN50	DN32
PN10/16	PN10/16

Dimensions in mm

a	80		
b	50		
f	371.5		
h1	112		
h2	140		
m1	100		
m2	70		
n1	190		
n2	140		
s	14		
w	240		



Disegni dimensionali e immagini non vincolanti. Saer si riserva il diritto di effettuare cambiamenti senza alcun preavviso. Dimensional drawing and picture are not binding. Saer reserves the right to make changes without prior notice.

Project

Project ID

Created by

Created on
2024-02-05

Last update