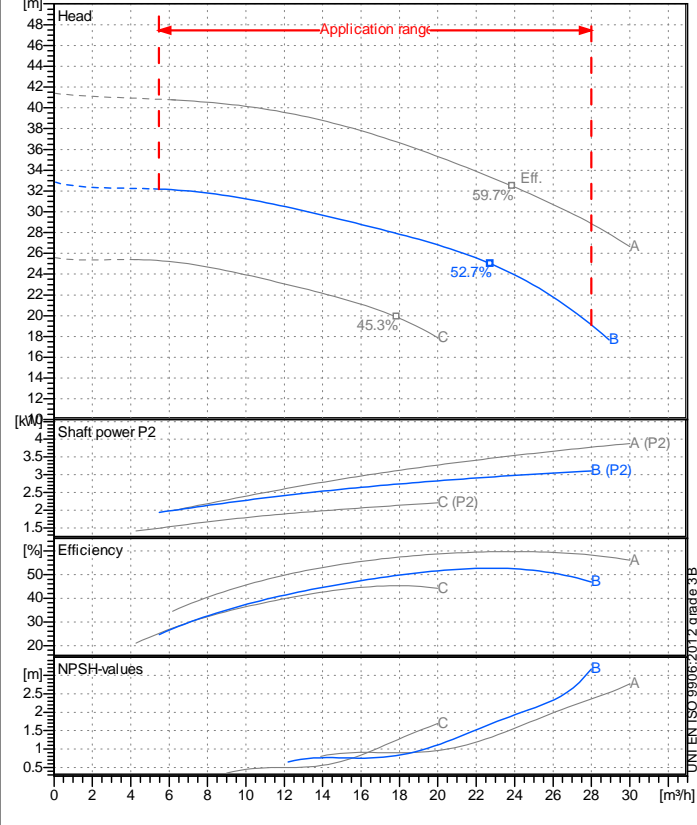


Company name
 Respons. Department
 Person in charge
 Phone number
 Fax no
 E-mail address

Receiver	From



Operating data specification

Nominal flow	m³/h 0
Nominal head	m 0
Static head	m 0
NPSH - v value of plant	m 0
Inlet pressure	bar 0.09793
Fluid	Water, pure
Operating temperature t A	°C 20
Density at t A	kg/dm³ 0.9983
Kin. viscosity at t A	mm²/s 1.005

Pump	
Pump name	IR32-160SB
Size	50/32/160
MEI (Reg. 547/2002 EU) >	0,5
Speed 1/min	2900
No of stages	1
Impeller type	Radial impeller
Flow	Nominal m³/h
	Max- m³/h 28.9
	Min- m³/h 5.47
Head	Nominal m
	Max- m 32.2
	Min- m 17.7
Head H(Q=0)	m 32.9
NPSH 3%	m
Max. working pressure	bar 3.22
Shaft power	kW
Efficiency	%
Max absorbed power	kW 3.1077

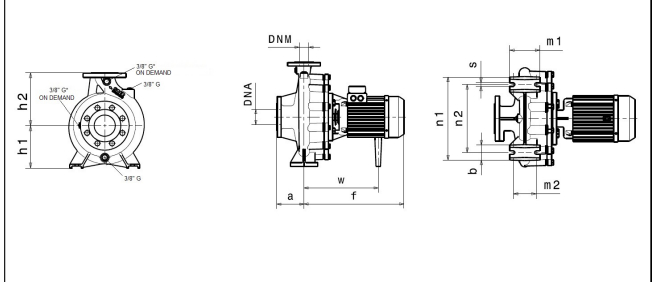
Materials Pump

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)

Dimensions in mm

	DNM	DNA
a	80	80
b	50	50
h1	132	102
h2	160	165
m1	100	50
m2	70	125
n1	240	4 x 19 mm
n2	190	4 x 19 mm
s	14	

Motor	Manufacturer / Type	SAER 100-2P-4
Efficiency	IEC 60034-30	IE3
Rated power	kW 3	Efficiency 4/4 87.7 %
Number of poles	2	Frame size 100
Electric current	A 6.5 A	Speed 1/min 2898
Electric voltage	V 380 V	3~ Hz 50
Starting mode	Unknown	
Degree of protection	IP 55	Insulation class F



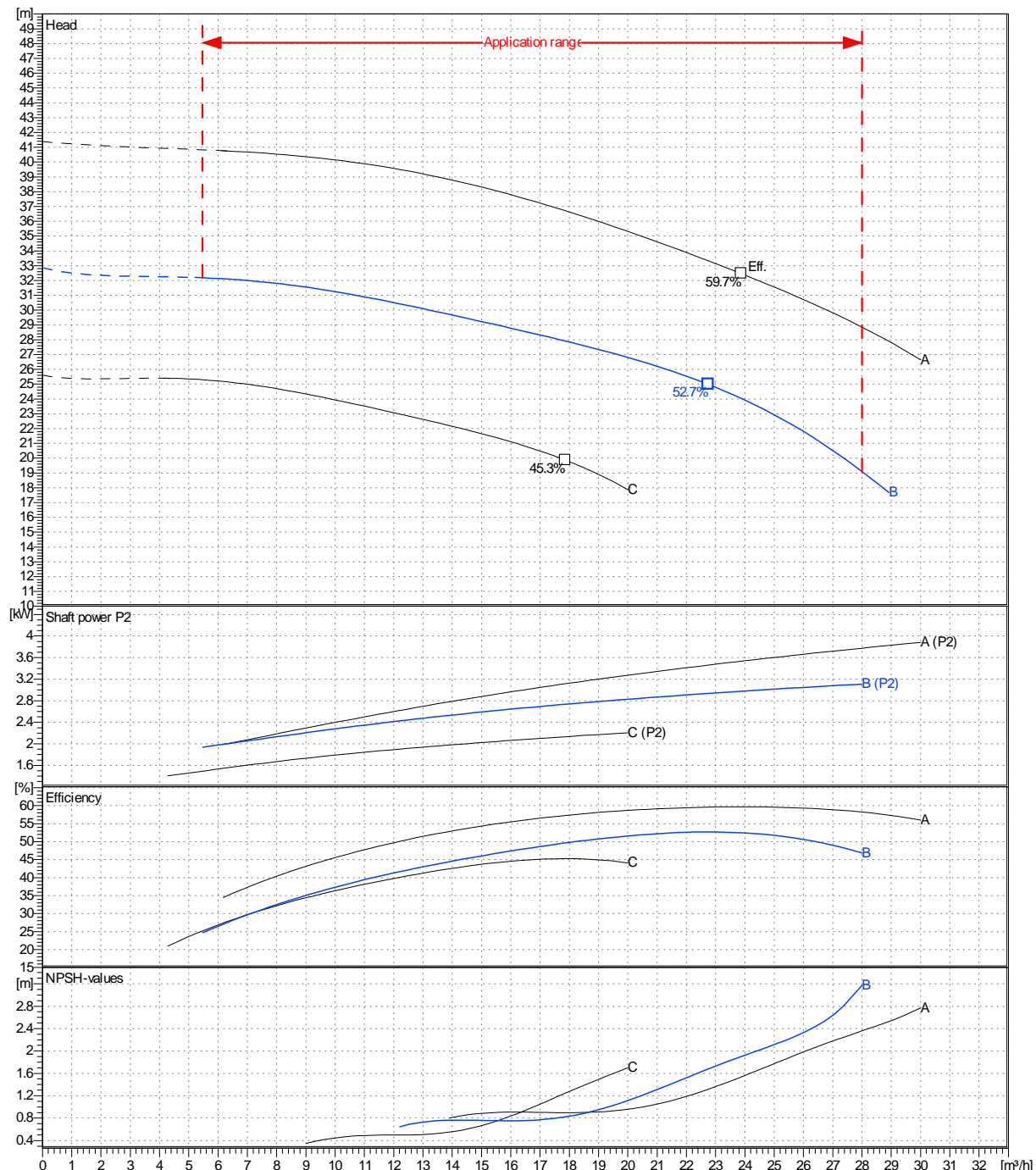
Remarks:				
Project	Project ID	Created by	Created on	Last update
			2021-08-05	

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	
	Min.	Max.	Shaft power P2	
	m ³ /h	m ³ /h	H(Q=0)	η Max.
	5.47	28	32.9	25
			P2(Q=0)	Max.
			3.11	2.93
			Speed	1/min
			Frequency	Hz
				2900
				50 Hz

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

UNI EN ISO 9906:2012 - Grade 3B



Project	Project ID	Created by	Created on	Last update
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Revision no

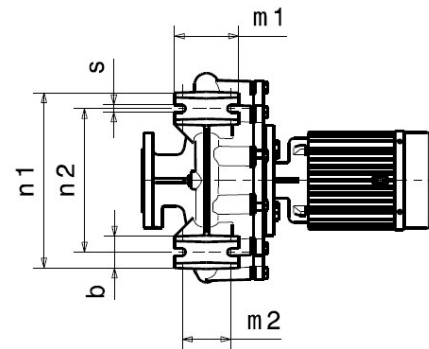
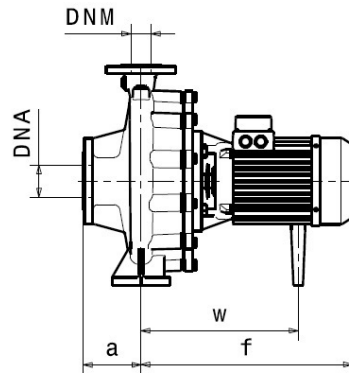
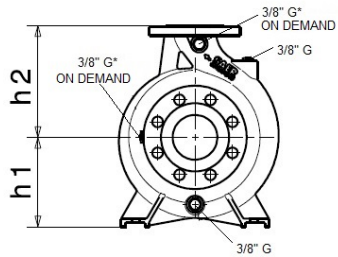
Pump dimensions

Connections

Suction side	Discharge port
DN50	DN32
PN10 / PN16	PN10 / PN16

Dimensions in mm

a	80		
b	50		
h1	132		
h2	160		
m1	100		
m2	70		
n1	240		
n2	190		
s	14		



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
2021-08-05

Last update