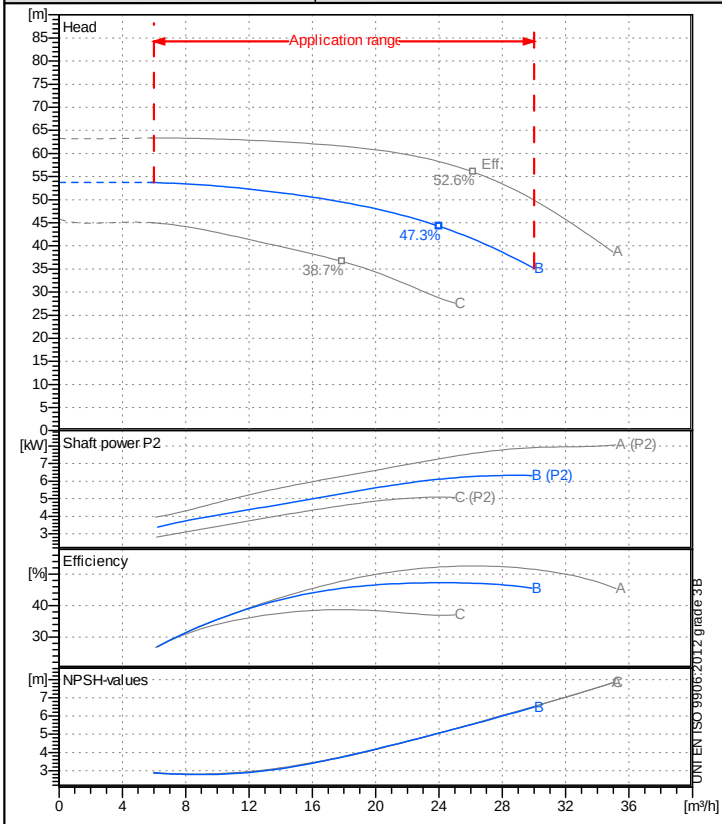
SAER ELETTROPOMPE	**Technical data** IR32-200NB	Revision no	Page: 1

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



Operating data specification

Nominal flow	m³/h	0
Nominal head	m	0
Static head	m	0
NPSH - 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			IR32-200NB	
Size			50/32/200	
MEI (Reg. 547/2002 EU) >			0,4	
Speed	1/min	2900	No of stages	1
Impeller type				
Flow	Nominal	m³/h		
	Max-	m³/h		30
	Min-	m³/h		6
Head	Nominal	m		
	Max-	m		53.7
	Min-	m		35.1
Head H(Q=0)		m		53.7
NPSH 3%		m		
Max. working pressure		bar		5.26
Shaft power		kW		
Efficiency		%		
Max absorbed power		kW		6.3226

Materials Pump

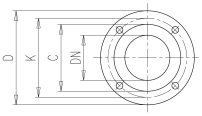
Shaft	Stainless steel AISI 431 (1.4057)
Impeller	Cast iron EN-GJL-250
Pump body	Cast iron EN-GJL-250
Seal disc	Cast iron EN-GJL-250
Gasket	Natural fiber
Mechanical seal	BVEG (Grafite/Ossido Allumina/EPDM)

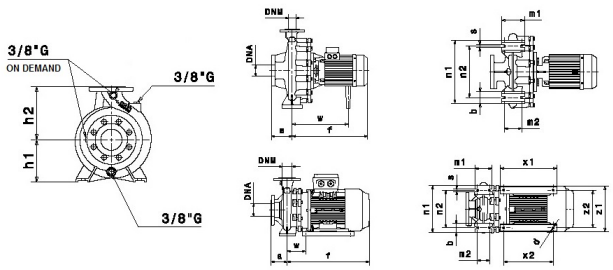
Motor	Manufacturer / Type		SAER	112-2P-7,5	
Efficiency	IEC 60034-30		IE3		
Rated power	kW	5.5	Efficiency 4/4		89.2 %
Number of poles		2	Frame size		112
Electric current	A	10.9 A	Speed	1/min	2928
Electric voltage	V	380 V	3~	Hz	50
Starting mode		Unknown			
Degree of protection		IP 55	Insulation class		F

Dimensions in mm

a	80
b	50
f	450
h1	160
h2	180
m1	100
m2	70
n1	240
n2	190
s	14
w	304

DNM		DNA	
C	78	C	102
D	140	D	165
DN	32	DN	50
K	100	K	125
n°	4 x 19 mm	n°	4 x 19 mm





Remarks:

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

Performance curves
IR32-200NB

Revision no	Page:
	2

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

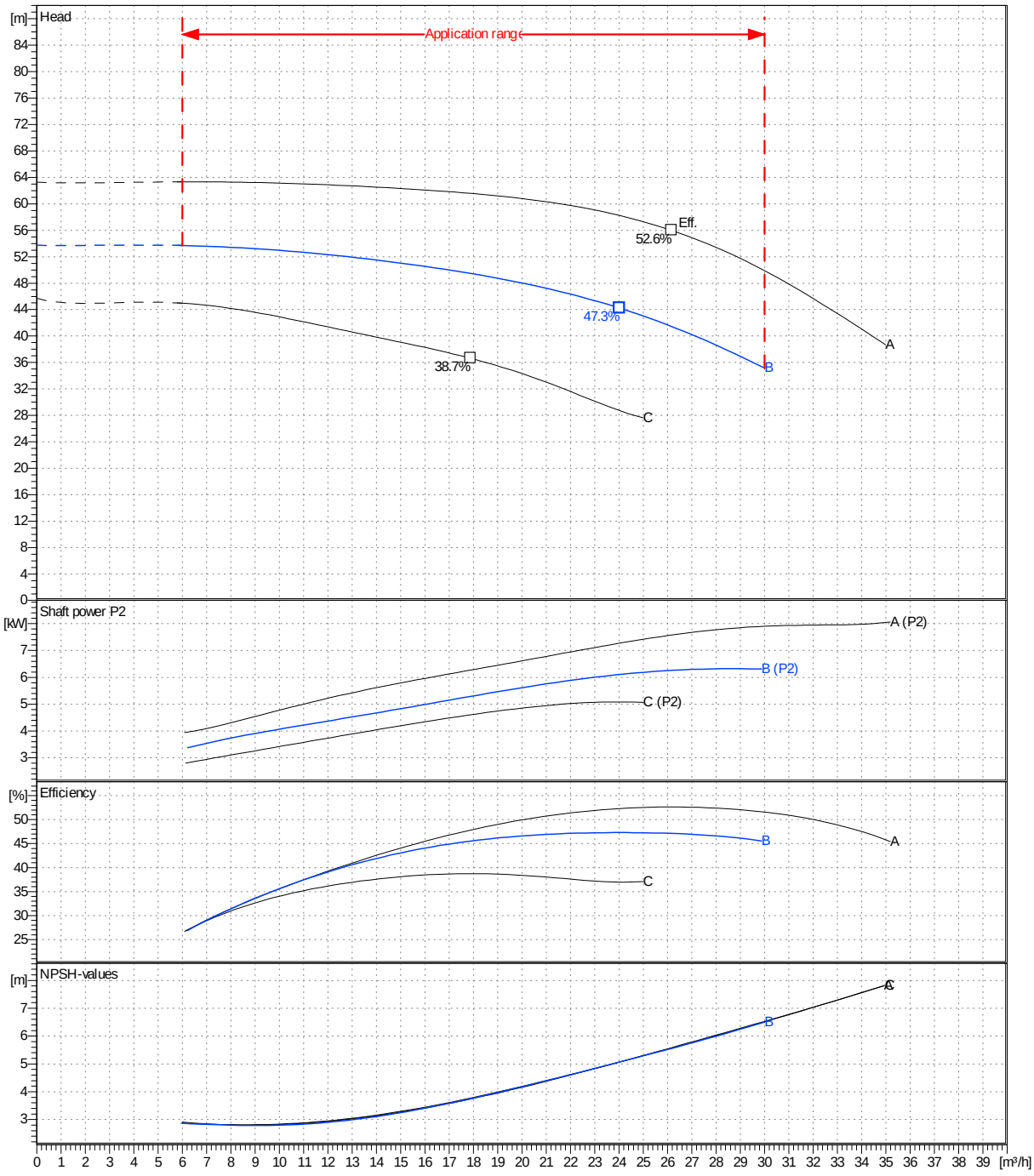
Operating area	Flow	Head
Operating data specification	0 m³/h	0 m
Pump data	m³/h	m

Impeller type	
Impeller construction	Closed
Sense of rotation	Clockwise from the drive end
Outlet width	DN32
Speed 1/min	2900
Frequency Hz	50 Hz

	Flow			Head		Shaft power P2		
	Min.	Max.	η Max.	H(Q=0)	η Max.	P2(Q=0)	Max.	η Max.
	m³/h	m³/h	m³/h	m	m	kW	kW	kW
	6	30	24	53.7	44.2		6.32	6.11

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
			2021-08-05	

SAER ELETTROPOMPE

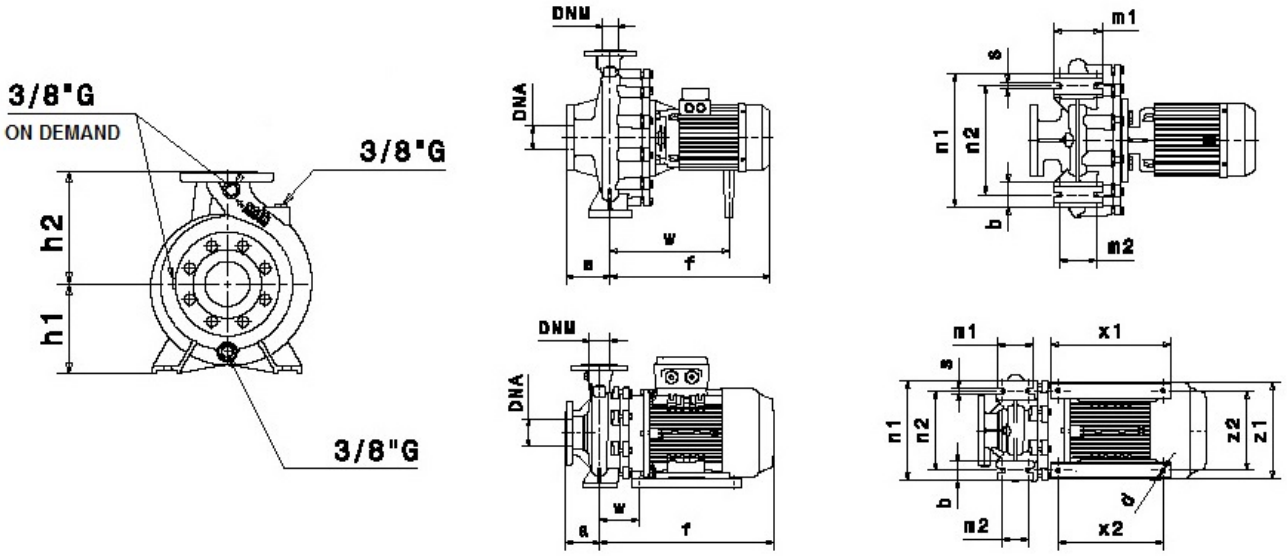
Revision no

Type of installation
IR32-200NB

Receiver

From

Pump dimensions



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

Connections

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

Dimensions in mm

a	80
b	50
f	450
h1	160
h2	180
m1	100
m2	70
n1	240
n2	190
s	14
w	304

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