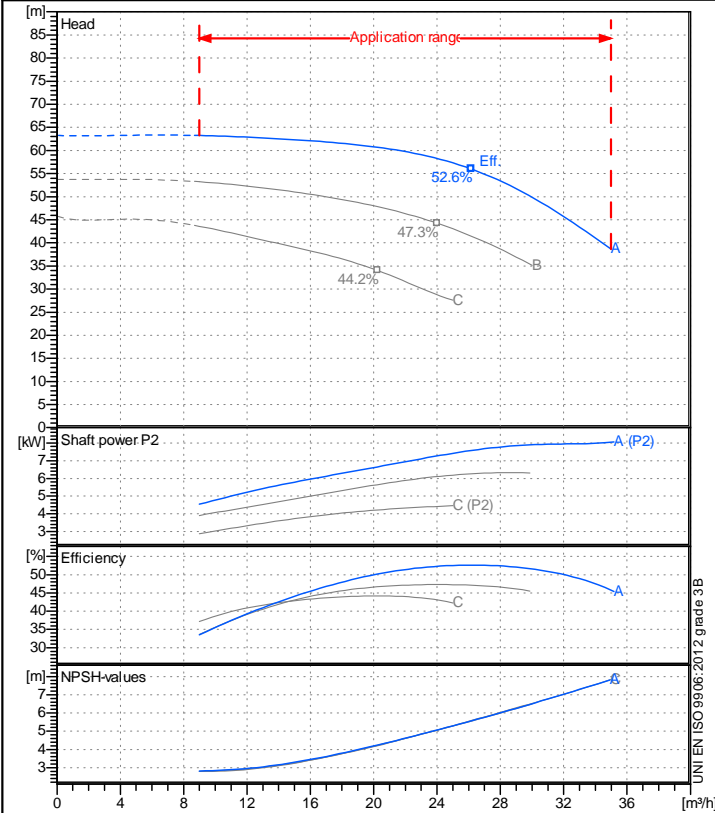


Receiver

From

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

SAER Elettropompe Spa



Operating data specification

Nominal flow	m³/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/dm³ 0.9983
Kin. viscosity at t A	mm²/s 1.005

Pump

Pump name	IR32-200NA		
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	35
	Min-	m³/h	9
Head	Nominal	m	
	Max-	m	63.2
	Min-	m	38.7
Head H(Q=0)	m	63.3	
NPSH 3%	m		
Max. working pressure	bar	6.2	
Shaft power	kW		
Efficiency	%		
Max absorbed power	kW	8.0604	

Materials Pump

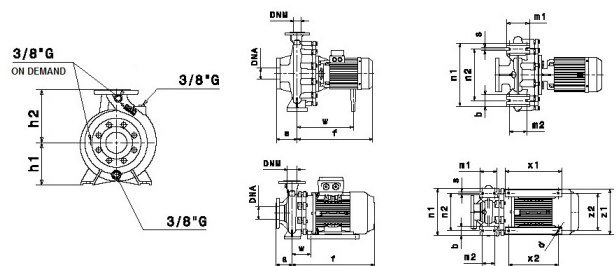
Shaft	Stainless steel AISI 431 (1.4057)
Impeller	Brass
Pump body	Cast iron EN-GJL-250
Seal disc	Cast iron EN-GJL-250
Gasket	Aramid fiber

Mech. seal EN 12756

Motor	Manufacturer / Type		SAER	132-2P-10
Efficiency	IEC 60034-30		IE3	
Rated power	kW	7.5	Efficiency 4/4	90.7 %
Number of poles	2		Frame size	132
Electric current	A	14.4 A	Speed	1/min 2949
Electric voltage	V	400 V	3~	Hz 50
Starting mode	Unknown			
Degree of protection	IP 55		Insulation class	F

Dimensions in mm

a	80	x2	280	DNM	DNA	
b	50	z1	261	C	78	C 102
d	12	z2	216	D	140	D 165
f	505			DN	32	DN 50
h1	160			K	100	K 125
h2	180			n°	4 x 18 mm	4 x 18 mm
m1	100					
m2	70					
n1	240					
n2	190					
s	14					
w	109					
w	304					
x1	320					



Remarks:

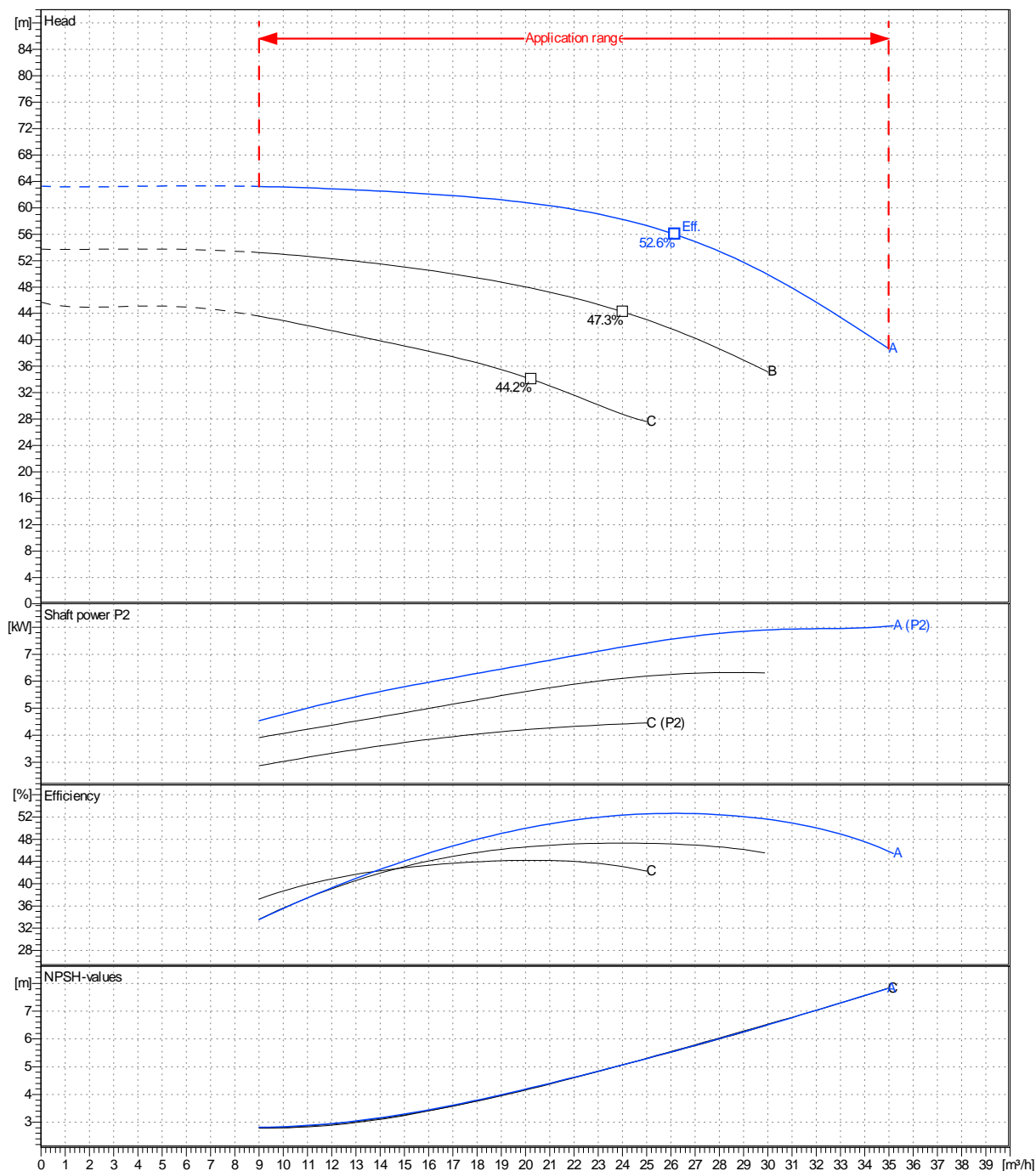
Project	Project ID	Created by	Created on	Last update
			2023-08-21	

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

Operating area	Flow	Head	Impeller type
Operating data specification	0 m ³ /h	0 m	Impeller construction
Pump data	m ³ /h	m	Sense of rotation
			Clockwise from the drive end
			Outlet width
			DN32
	Flow	Head	Shaft power P2
	Min. Max. η Max.	H(Q=0) η Max.	P2(Q=0) Max. η Max.
	m ³ /h m ³ /h m ³ /h	m m	kW kW kW
	9 35 26.2	63.3 56	8.06 7.58
			Speed
			1/min 2900
			Frequency
			Hz 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
			2023-08-21	

Revision no

SAER Elettropompe Spa

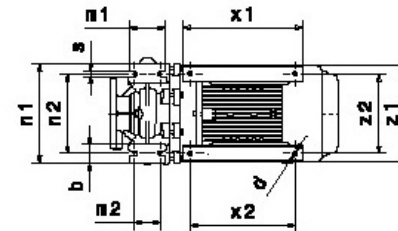
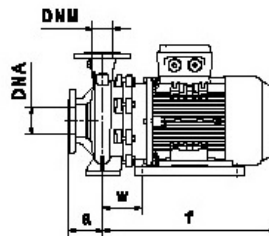
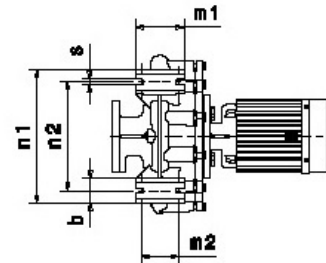
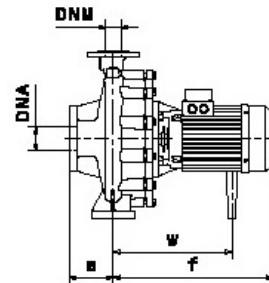
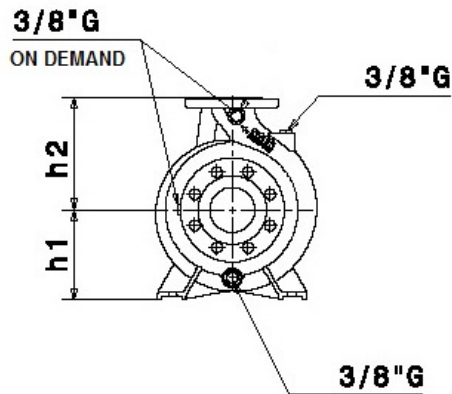
Pump dimensions

Connections

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

Dimensions in mm

a	80
b	50
d	12
f	505
h1	160
h2	180
m1	100
m2	70
n1	240
n2	190
s	14
w	109
w	304
x1	320
x2	280
z1	261
z2	216



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
2023-08-21

Last update