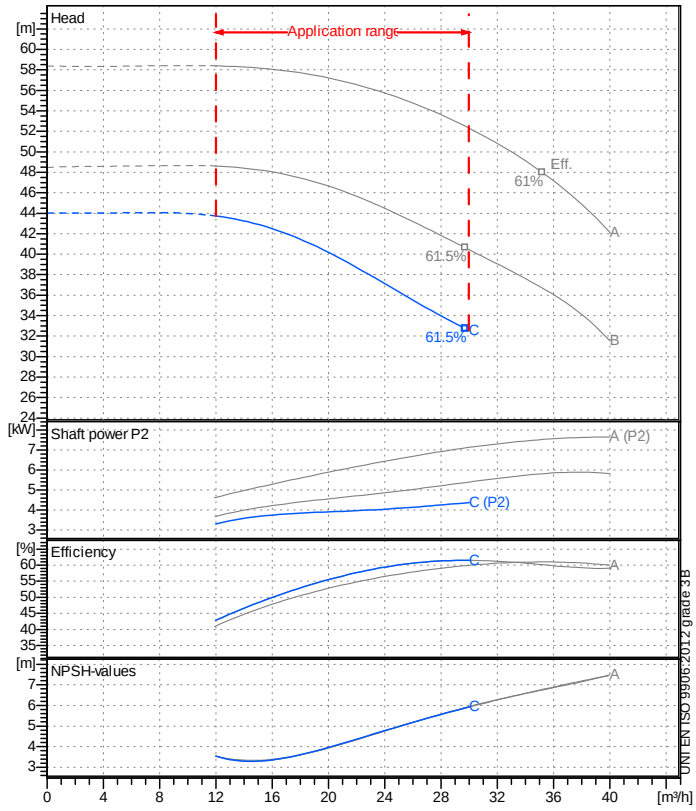
Technical data
IRX40-200C

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			IRX40-200C	
Size			65/40/200	
MEI (Reg. 547/2002 EU) >			0,7	
Speed	1/min	2900	No of stages	1
Impeller type				
Flow	Nominal		m³/h	
	Max-		m³/h	30
	Min-		m³/h	12
Head	Nominal		m	
	Max-		m	43.7
	Min-		m	32.6
Head H(Q=0)			m	44
NPSH 3%			m	
Max. working pressure			bar	4.31
Shaft power			kW	
Efficiency			%	
Max absorbed power			kW	4.3721

Materials Pump

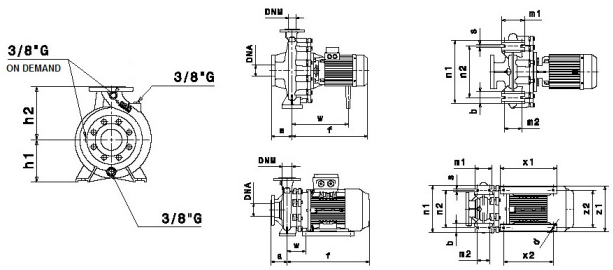
Shaft	Duplex Stainless Steel 1.4362
Impeller	Stainless steel AISI 316 (1.4408-CF8M)
Pump body	Stainless steel AISI 316 (1.4408-CF8M)
Seal disc	Stainless steel AISI 316 (1.4408-CF8M)
Gasket	Aramidic fiber
Mech. seal EN 12756	

Motor	Manufacturer / Type		SAER	112-2P-5,5	
Efficiency	IEC 60034-30		IE3		
Rated power	kW	4	Efficiency 4/4		88.1 %
Number of poles		2	Frame size		112
Electric current	A	7.5 A	Speed	1/min	2925
Electric voltage	V	400 V	3~	Hz	50
Starting mode		Unknown			
Degree of protection		IP 55	Insulation class		F

Dimensions in mm

a	100
b	50
f	426
h1	160
h2	180
m1	100
m2	70
n1	265
n2	212
s	14
w	304

DNM		DNA	
C	88	C	122
D	150	D	185
DN	40	DN	65
K	110	K	145
n°	4 x 18 mm	n°	8 x 18 mm



Remarks:

Project	Project ID	Created by	Created on	Last update
			2025-02-17	

Performance curves
IRX40-200C

Revision no	Page:
	2

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

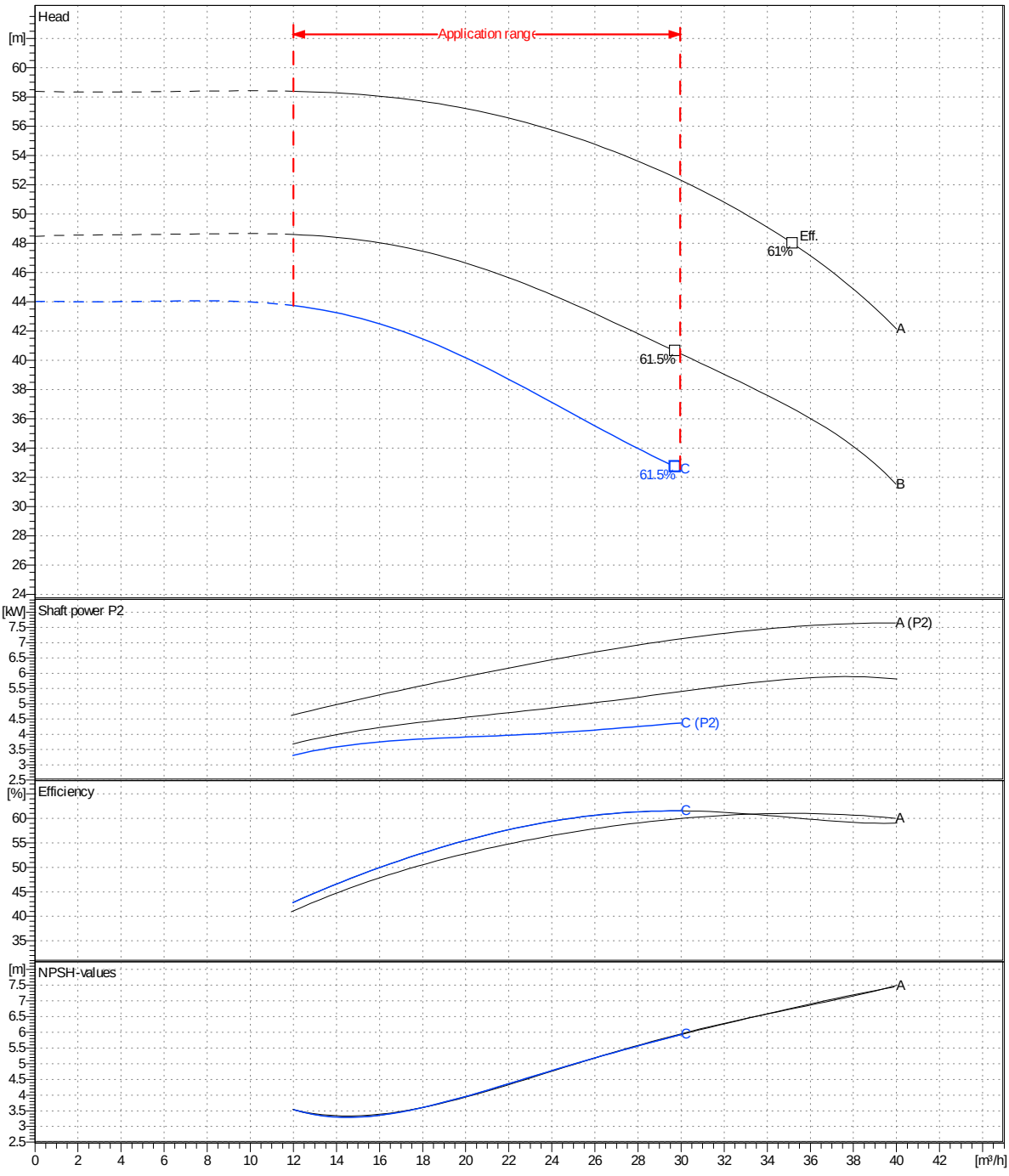
Operating area	Flow		Head	
Operating data specification	0	m³/h	0	m
Pump data		m³/h		m

	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
	12	30	29.7	44	32.7		4.37	4.36

Impeller type		
Impeller construction	Closed	
Sense of rotation	Clockwise from the drive end	
Outlet width	DN40	
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
			2025-02-17	

SAER ELETTROPOMPE

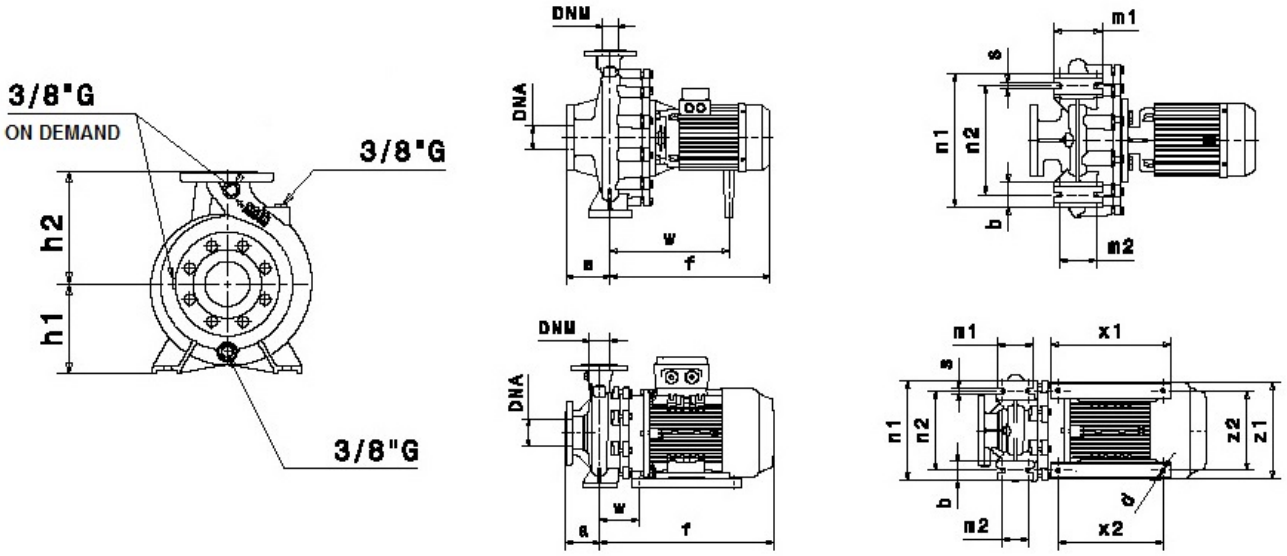
Revision no

Type of installation
IRX40-200C

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
DN65	DN40
PN10/16	PN10/16

Dimensions in mm

a	100
b	50
f	426
h1	160
h2	180
m1	100
m2	70
n1	265
n2	212
s	14
w	304

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			2025-02-17	