Technical data
NCBKZ 4P-200-315A

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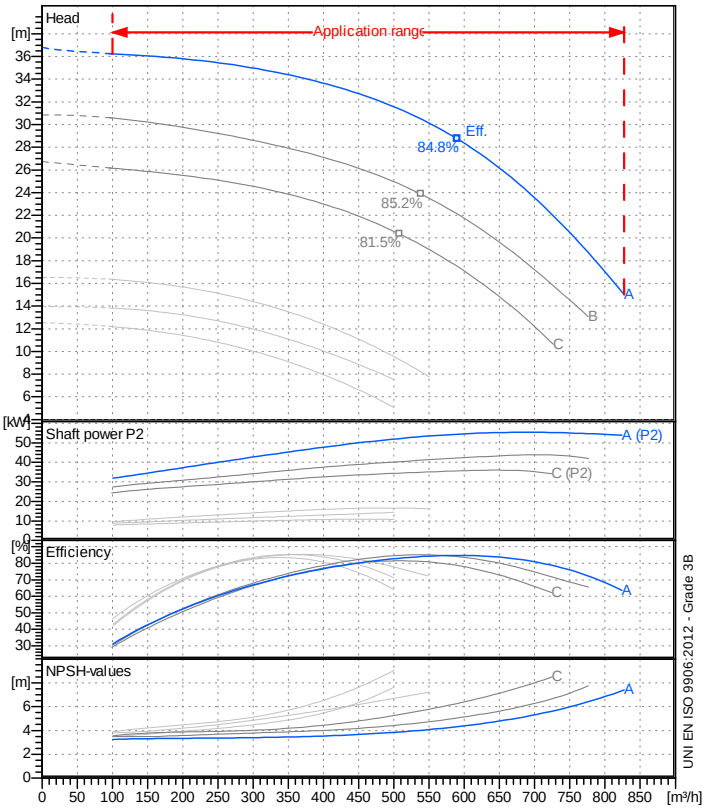
Receiver	From
Company name	
Respons. Department	
Person in charge	
Phone number	
Fax no	
E-mail address	



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			NCBKZ 4P-200-315A	
Size				
Design				
Speed	1/min	1450	No of stages	1
Impeller type				
Flow		Nominal	m³/h	
		Max-	m³/h	827
		Min-	m³/h	100
Head		Nominal	m	
		Max-	m	36.2
		Min-	m	15
Head H(Q=0)			m	36.8
NPSH 3%			m	
Max. working pressure			bar	3.6
Shaft power			kW	
Efficiency			%	
Max absorbed power			kW	55.394

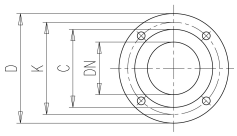
Materials Pump

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
Wear rings	Steel
Soft packing	
Packing	PTFE Fiber

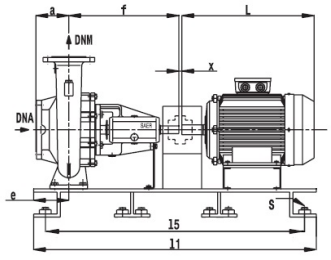
Motor		Frame size		250M	
Manufacturer / Type		SAER 250M-75			
Rated power	kW	55	Efficiency 4/4		93.7 %
Electric current	A	101	Speed	1/min	1450
Electric voltage	V	400 V	3~	Hz	50
Starting mode		Unknown			
Degree of protection		IP 55	Insulation class		F

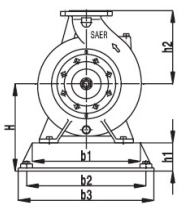
Dimensions in mm

a	180	l1	1860
b1	710	l5	1800
b2	820	S	M20
b3	900	x	4
DNA	250		
DNM	200		
e	325		
f	530		
H	575		
h1	200		
h2	500		
kg	830		
L	915		



C	266	C	319
D	340	D	405
DN	200	DN	250
K	295	K	355
n	12	n.	12
o	24	o	26





Remarks:

Project	Project ID	Created by	Created on	Last update
			2021-04-13	

Performance curves
NCBKZ 4P-200-315A

Revision no

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

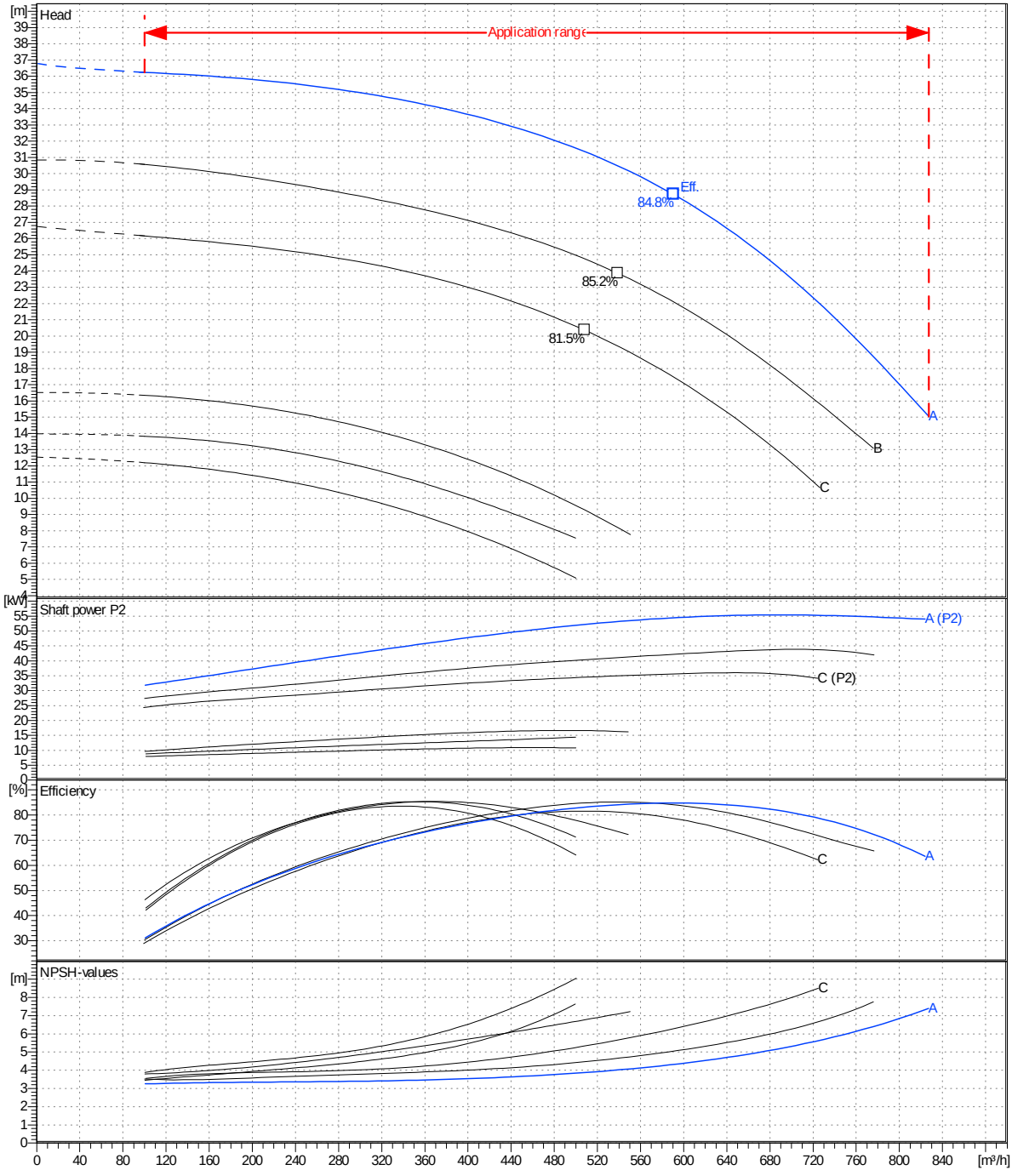
Operating area	Flow	Head
Operating data specification	0 m³/h	0 m
Pump data	m³/h	m

Impeller type	
Impeller construction	Closed
Sense of rotation	Clockwise from the drive end
Outlet width	DN200
Speed 1/min	1450
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
100	827	591	36.8	28.7		55.4	54.4

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
			2021-04-13	

SAER ELETTROPOMPE

Revision no

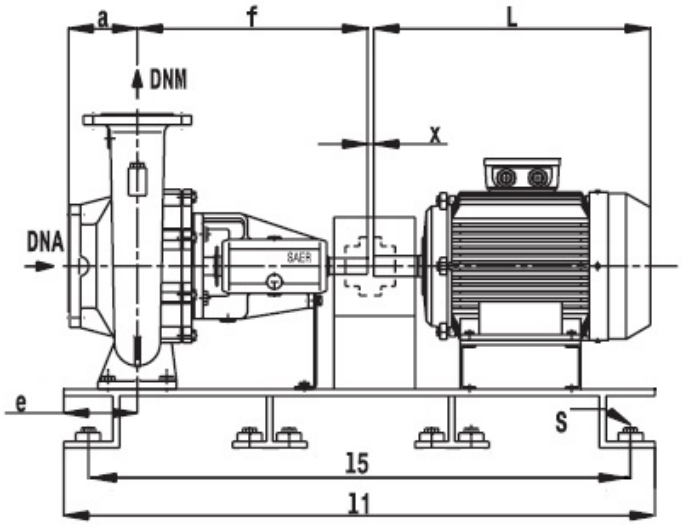
Type of installation

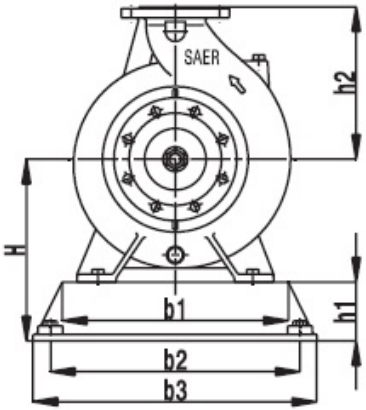
NCBKZ 4P-200-315A

Receiver

From

NCBK





Connections

Suction side	Discharge port
DN250	DN200
PN16	PN16

Dimensions in mm

a	180		
b1	710		
b2	820		
b3	900		
DNA	250		
DNM	200		
e	325		
f	530		
H	575		
h1	200		
h2	500		
kg	830		
L	915		
l1	1860		
l5	1800		
S	M20		
x	4		

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