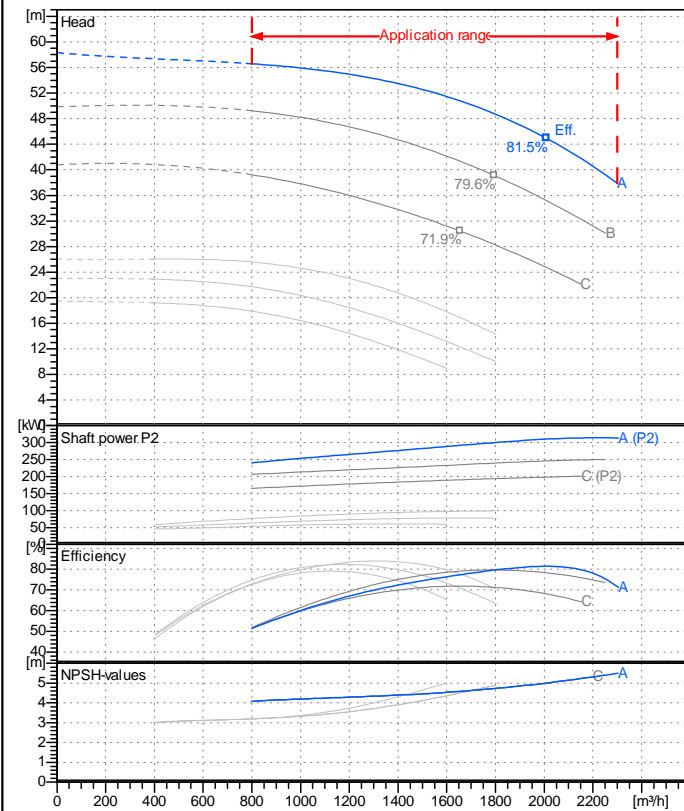


Receiver

From

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


### Operating data specification

Nominal flow	m <sup>3</sup> /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/dm <sup>3</sup> 0.9983
Kin. viscosity at t A	mm <sup>2</sup> /s 1.005

### Pump

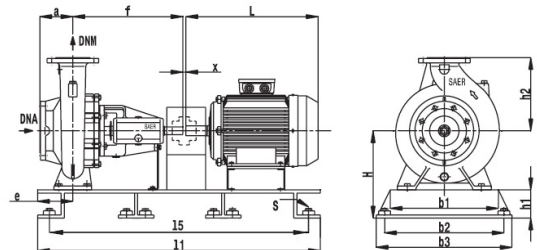
Pump name	NCBKZ 4P-300-400A		
Size			
Design			
Speed 1/min	1450	No of stages	1
Impeller type			
Flow	Nominal	m <sup>3</sup> /h	
	Max-	m <sup>3</sup> /h	2300
	Min-	m <sup>3</sup> /h	800
Head	Nominal	m	
	Max-	m	56.6
	Min-	m	37.9
Head H(Q=0)	m	58.3	
NPSH 3%	m		
Max. working pressure	bar	5.71	
Shaft power	kW		
Efficiency	%		
Max absorbed power	kW	314.35	

### 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		

### Dimensions in mm

a	300	l1	2500				
b1	820	l5	2430				
b2	910	S	M20				
b3	990	x	4				
DNA	350			C	370	C	429
DNM	300			D	460	D	520
e	270			DN	300	DN	350
f	720			K	410	K	470
H	670			n°	12		
h1	220			O	28		
h2	670						
kg	2735						
L	1840						



Motor	Frame size	355L		
Manufacturer / Type	SAER	355L-430		
Rated power	kW	315	Efficiency 4/4	95.5 %
Electric current	A	560	Speed	1/min 1450
Electric voltage	V	400 V	3~	Hz 50
Starting mode	Unknown			
Degree of protection	IP 55	Insulation class	F	

Remarks:

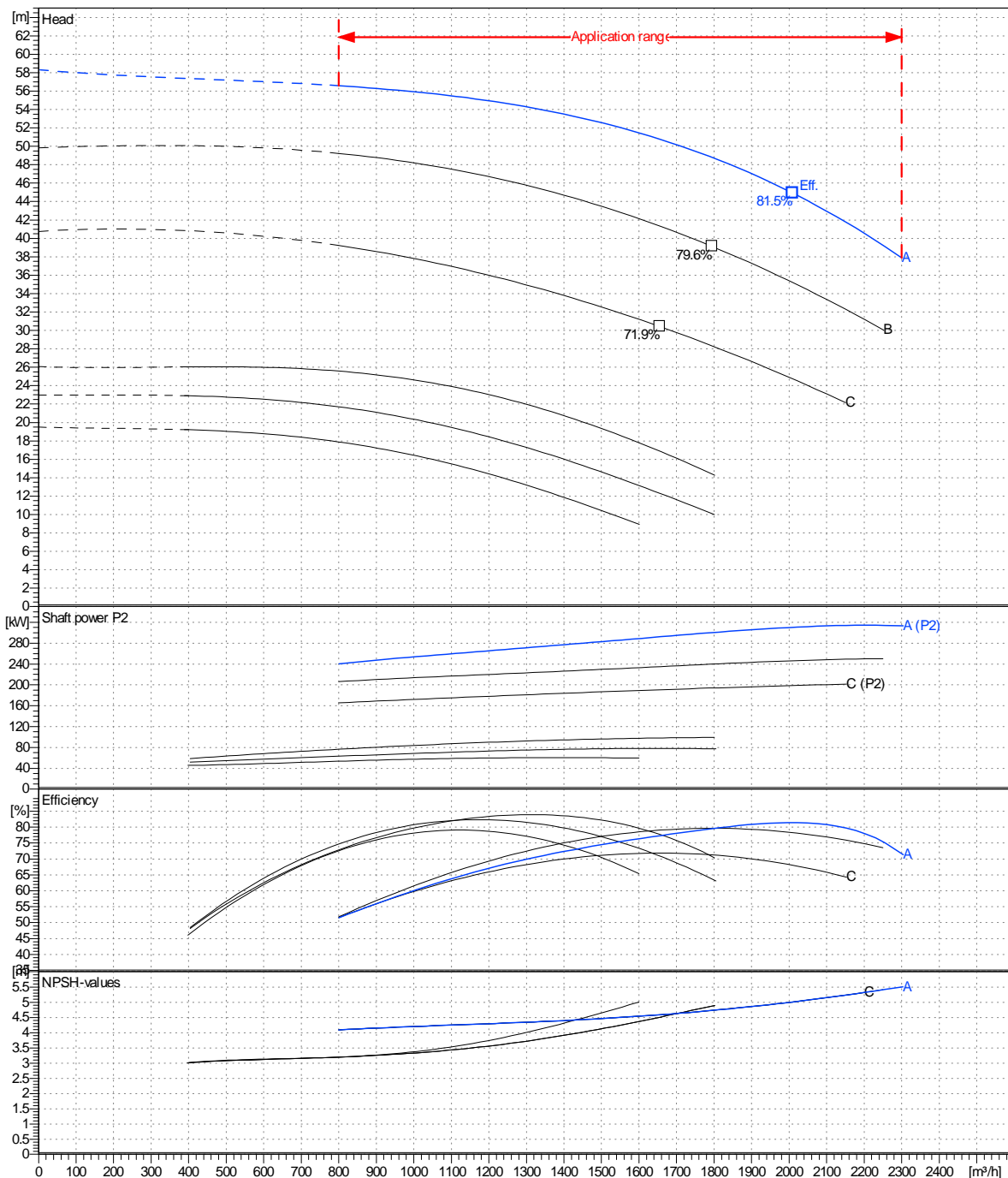
Project	Project ID	Created by	Created on	Last update
			2020-09-11	

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

Operating area	Flow	Head	Impeller type
Operating data specification	0 m <sup>3</sup> /h	0 m	Impeller construction: Closed
Pump data	m <sup>3</sup> /h	m	Sense of rotation: Clockwise from the drive end
			Outlet width: DN300
	Flow	Head	Shaft power P2
	Min. Max. $\eta$ Max.	H(Q=0) $\eta$ Max.	P2(Q=0) Max. $\eta$ Max.
	m <sup>3</sup> /h m <sup>3</sup> /h m <sup>3</sup> /h	m m	kW kW kW
	800 2300 2010	58.3 44.9	314 310
			Speed: 1/min 1450
			Frequency: Hz 50 Hz

Performance data based to: Water, pure [100%]; 20°C; 0.998kg/dm<sup>3</sup>; 1mm<sup>2</sup>/s

UNI EN ISO 9906:2012 - Grade 3B



Project	Project ID	Created by	Created on	Last update
			2020-09-11	

Revision no

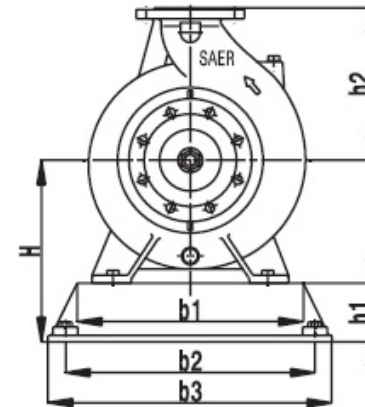
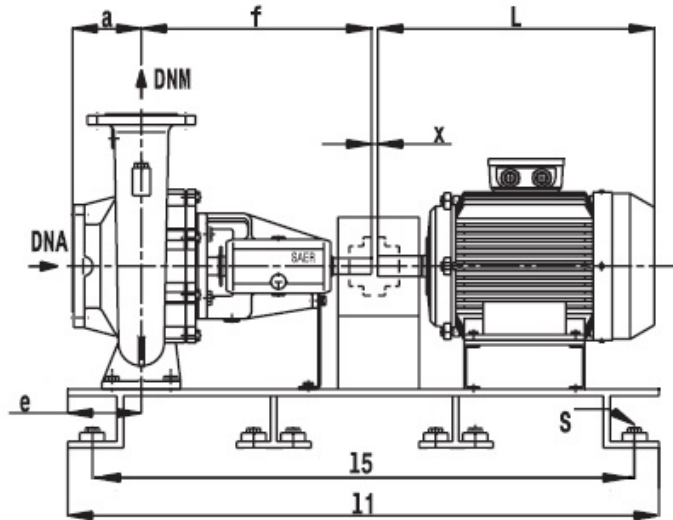
NCBK

**Connections**

Suction side	Discharge port
DN350	DN300
PN16	PN16

**Dimensions in mm**

a	300		
b1	820		
b2	910		
b3	990		
DNA	350		
DNM	300		
e	270		
f	720		
H	670		
h1	220		
h2	670		
kg	2735		
L	1840		
l1	2500		
l5	2430		
s	M20		
x	4		



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

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**2020-09-11**

Last update