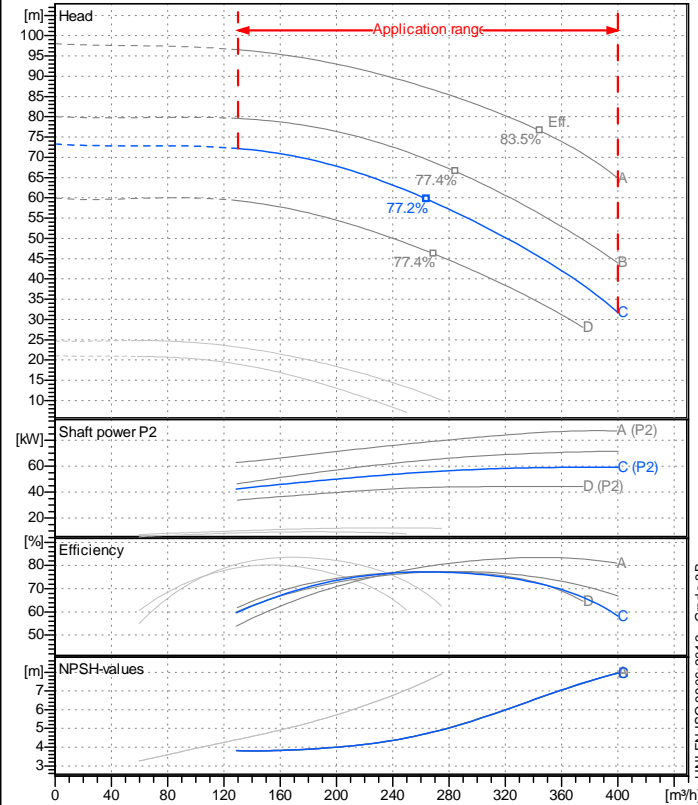


Receiver

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**

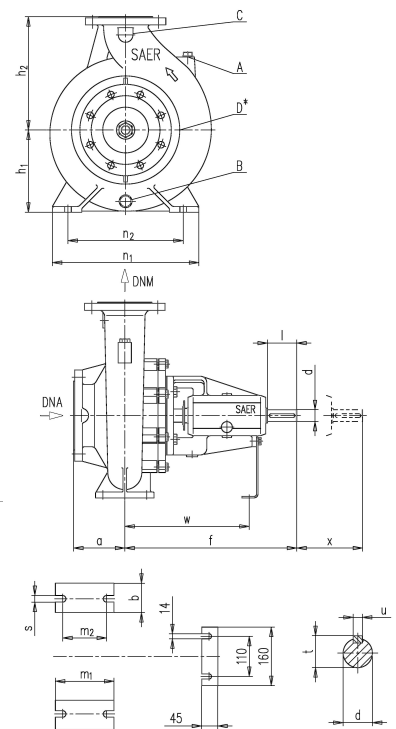
Pump name	NCB 100-250 C		
Size	125/100/250		
Design			
Speed 1/min	2900	No of stages	1
Impeller type			
Flow	Nominal	m <sup>3</sup> /h	
	Max-	m <sup>3</sup> /h	400
	Min-	m <sup>3</sup> /h	130
Head	Nominal	m	
	Max-	m	72.2
	Min-	m	31.7
Head H(Q=0)	m		73.3
NPSH 3%	m		
Max. working pressure	bar		7.18
Shaft power	kW		
Efficiency	%		
Max absorbed power	kW		59.254

**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		
Mech. seal EN 12756			
Seal face	Carbon graphite resin impreg.		
Seat	Alumina Oxide		
Rubber elements	EPDM Rubber		
Spring and metal bellows	Stainless steel AISI 316		
<b>Motor</b>	Frame size		
Manufacturer / Type			
Rated power	kW	Efficiency	4/4
Electric current	A	Speed	1/min
Electric voltage	V		Hz
Starting mode			
Degree of protection	Insulation class		

**Dimensions in mm**

a	140	n2	315
A	3/8"	s	18
B	3/8"	t	35.3
b	80	u	10
C	3/8"	w	340
d k6	32	x	140
D	1/4"		
DNA	DN 125		
DNM	DN 100		
f	470		
h1	225		
h2	280		
l	80		
m1	160		
m2	120		
n1	400		



C	158	C	188
D	220	D	250
DN	100	DN	125
K	180	K	210
n°	8	n°	8
on	19	on	19

Remarks:

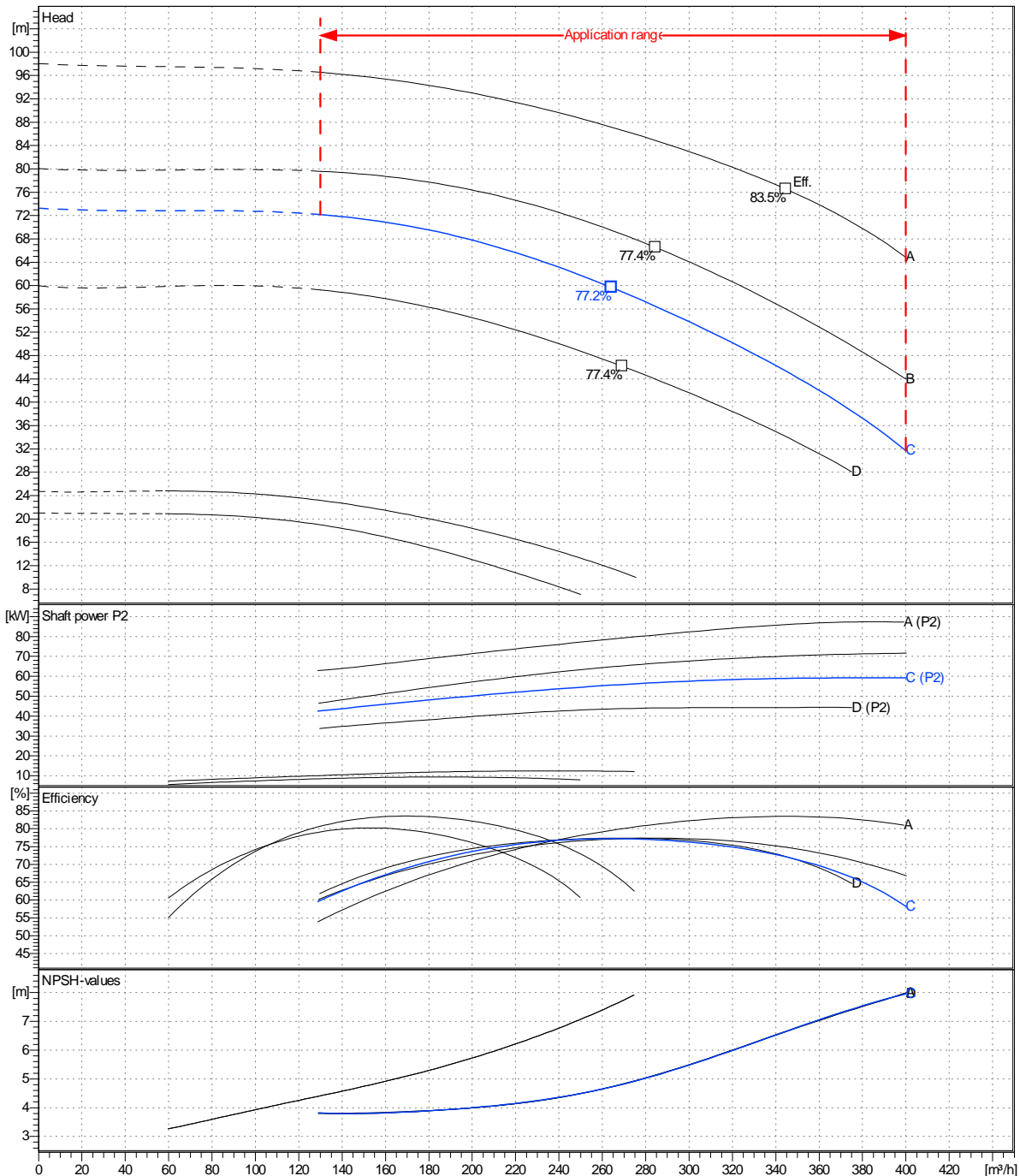
Project	Project ID	Created by	Created on	Last update
			<b>2021-11-22</b>	

<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: DN 100
	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
	130 400 264	73.3 59.7	59.3 55.5
			Speed: 1/min 2900
			Frequency: Hz

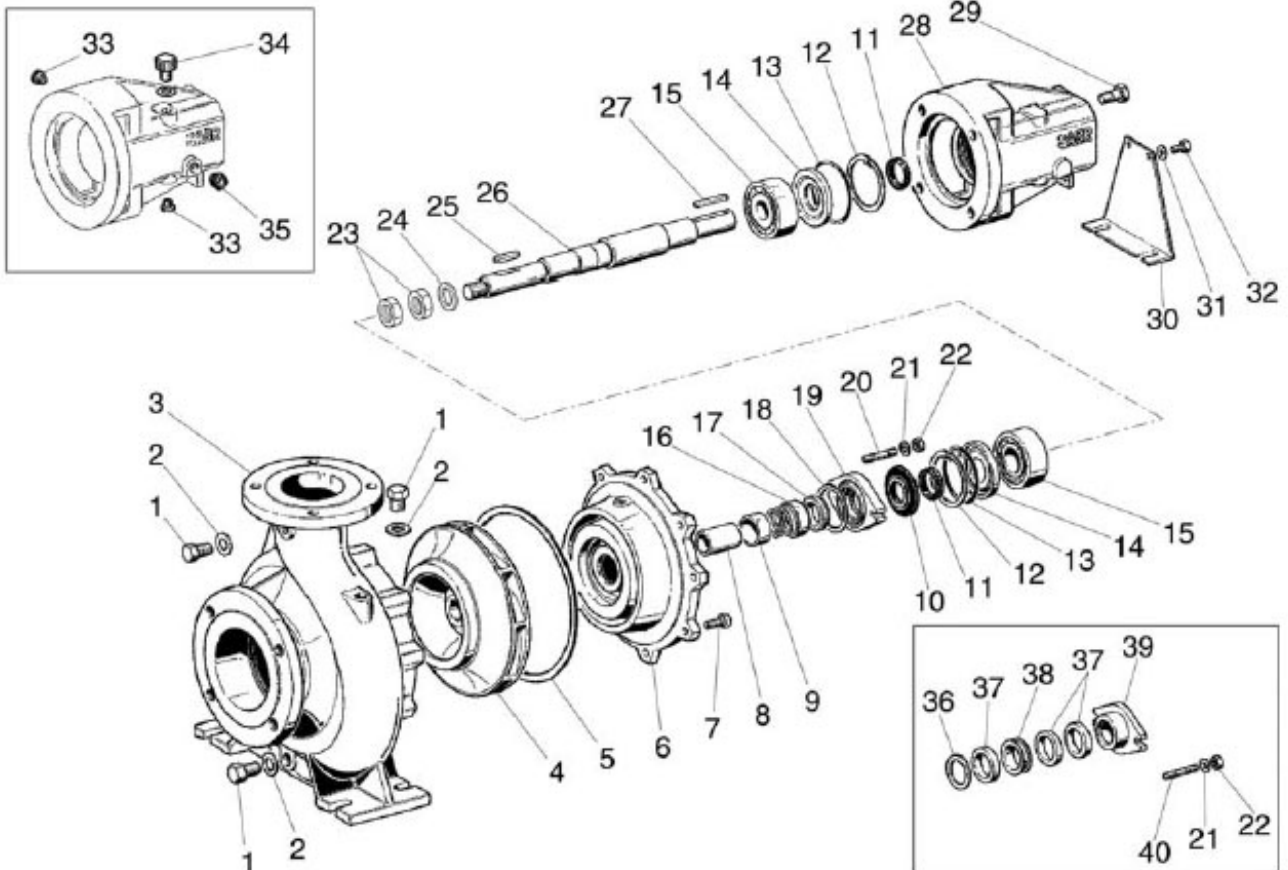
Performance data based to: Water, pure [100%]; 20°C; 0.998kg/dm<sup>3</sup>; 1mm<sup>2</sup>/s

UNI EN ISO 9906:2012 - Grade 3B



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Project

Project ID

Created by

Created on  
2021-11-22

Last update