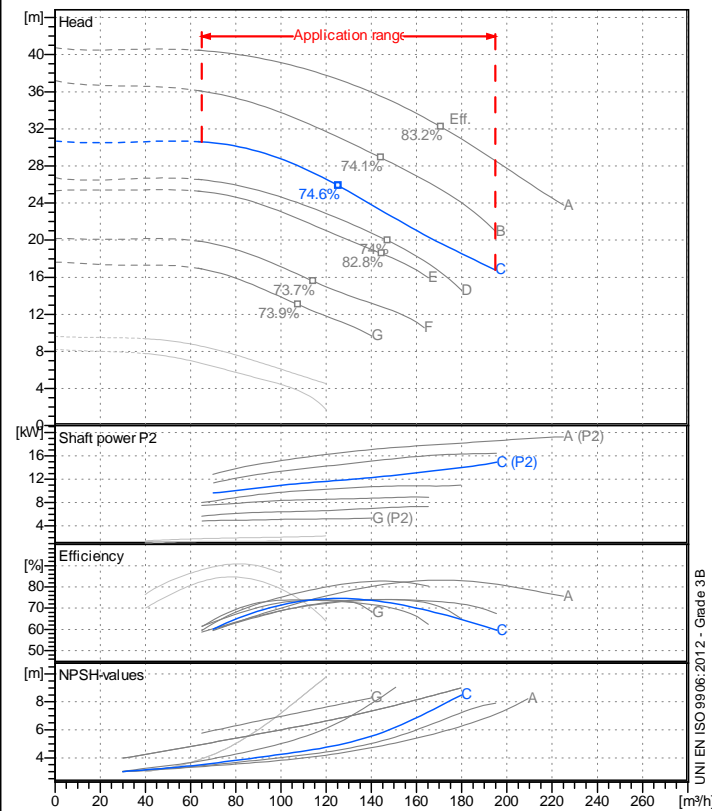


Receiver

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**

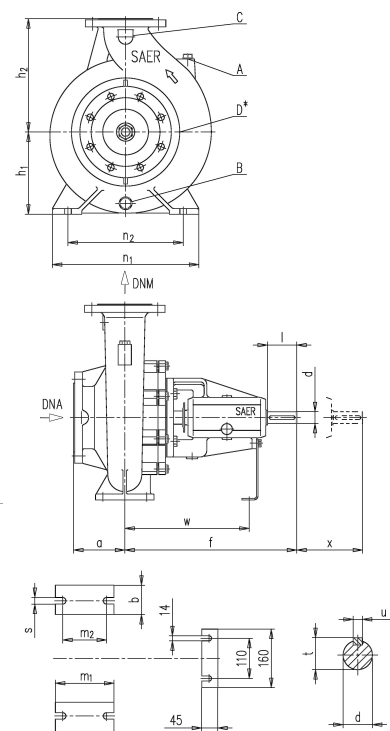
Pump name	NCB 80-160 C		
Size	100/80/160		
Design			
Speed 1/min	2900	No of stages	1
Impeller type			
Flow	Nominal	m <sup>3</sup> /h	
	Max-	m <sup>3</sup> /h	195
	Min-	m <sup>3</sup> /h	65
Head	Nominal	m	
	Max-	m	30.6
	Min-	m	16.8
Head H(Q=0)		m	30.7
NPSH 3%		m	
Max. working pressure		bar	3.01
Shaft power		kW	
Efficiency		%	
Max absorbed power		kW	14.927

**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	125	n2	250
A	3/8"	s	14
B	3/8"	t	26.9
b	65	u	8
C	1/4"	w	260
d k6	24	x	140
D	1/4"		
DNA	DN 100		
DNM	DN 80		
f	360		
h1	180		
h2	225		
l	50		
m1	125		
m2	95		
n1	320		



C	138	C	158
D	200	D	220
DN	80	DN	100
K	160	K	180
n°	4	n°	8
on	19	on	19

Remarks:

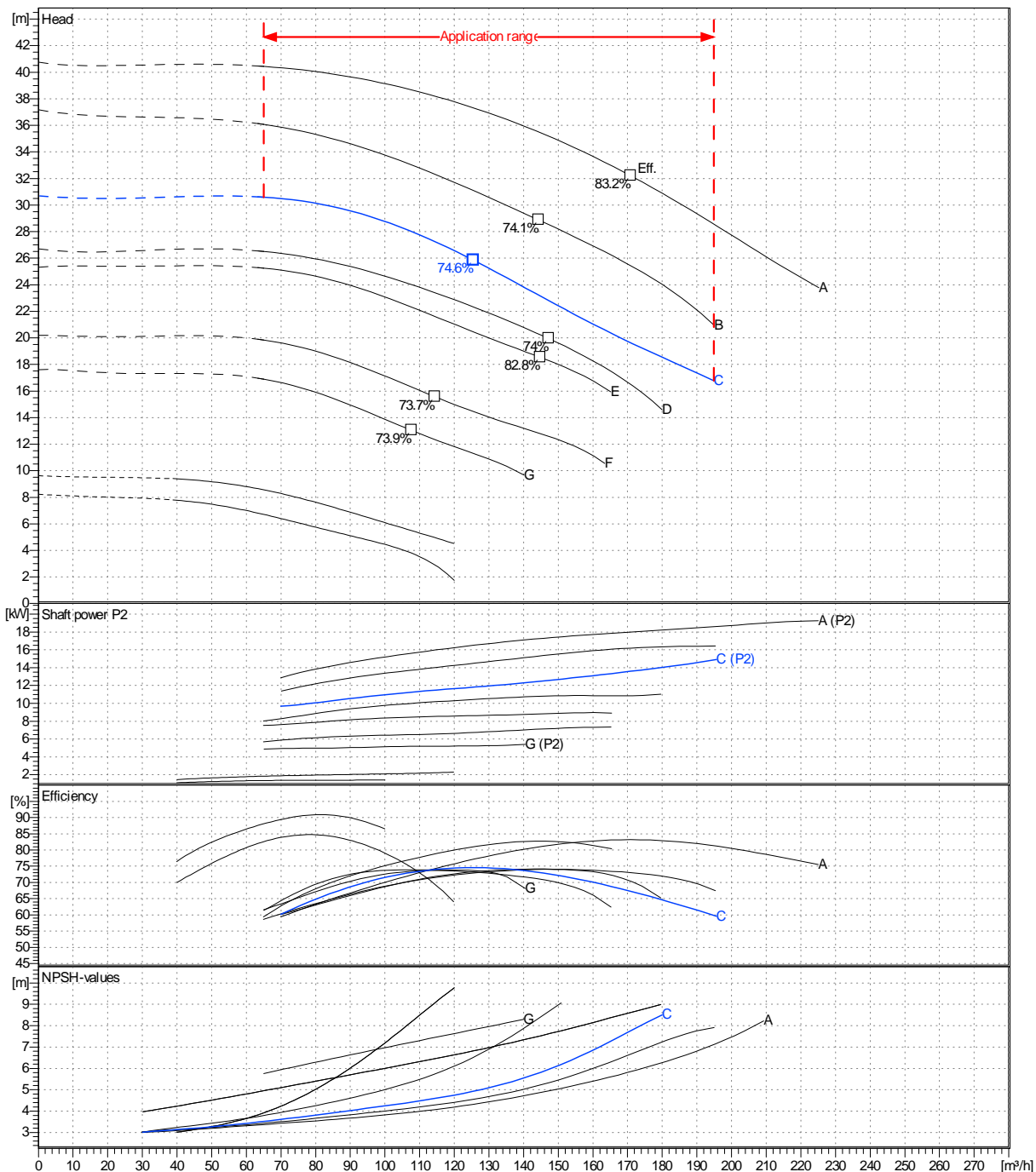
Project	Project ID	Created by	Created on	Last update
			2021-01-11	

<b>Receiver</b>	<b>From</b>
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Person in charge	
Phone number	
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Operating area	Flow	Head	Impeller type
Operating data specification	0 m <sup>3</sup> /h	0 m	Impeller construction
Pump data	m <sup>3</sup> /h	m	Sense of rotation
			Clockwise from the drive end
			Outlet width
			DN 80
	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
	65 195 126	30.7 25.8	14.9 11.8
			Speed
			1/min 2900
			Frequency
			Hz

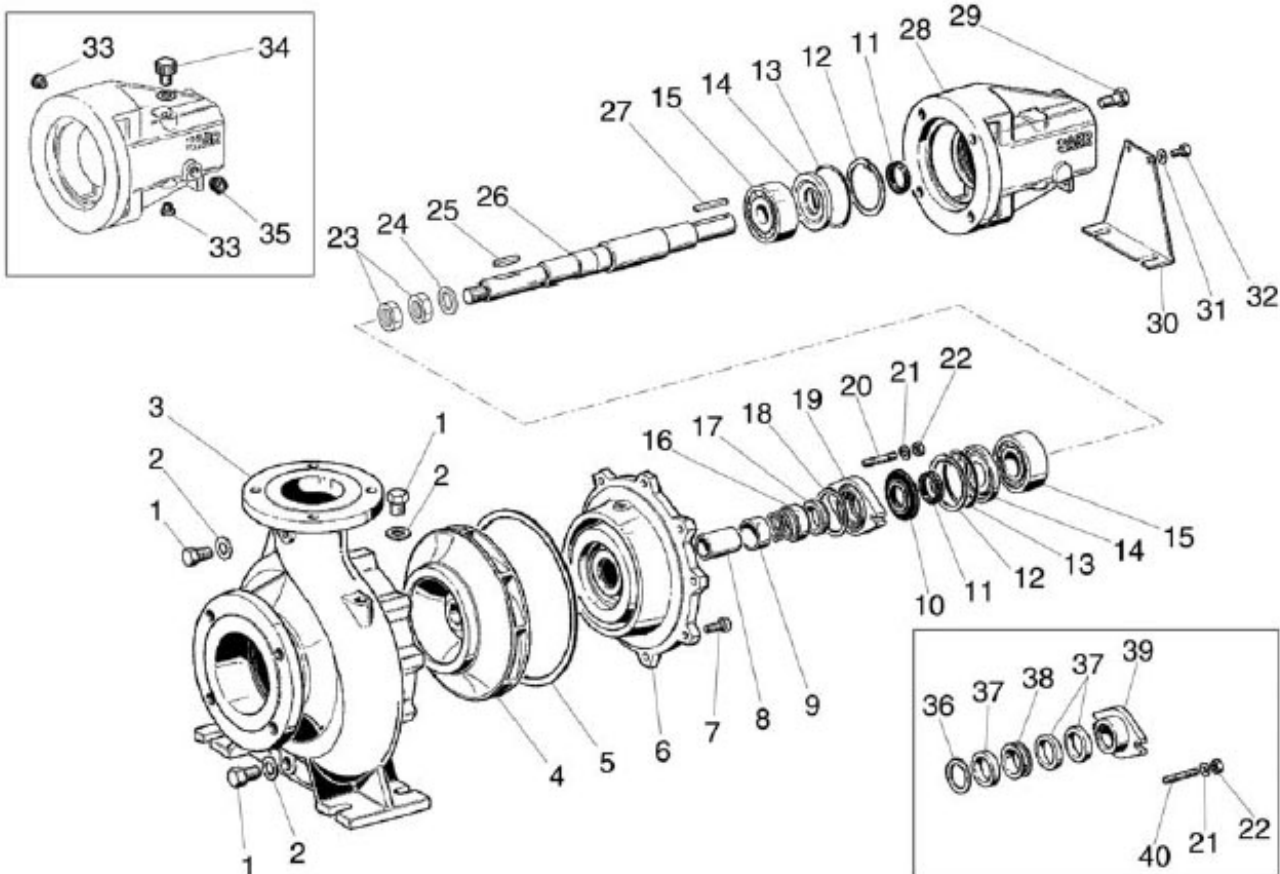
Performance data based to: Water, pure [100%]; 20°C; 0.998kg/dm<sup>3</sup>; 1mm<sup>2</sup>/s

UNI EN ISO 9906:2012 - Grade 3B



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**2021-01-11**

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