Technical data
NCB 50-250 N C/B

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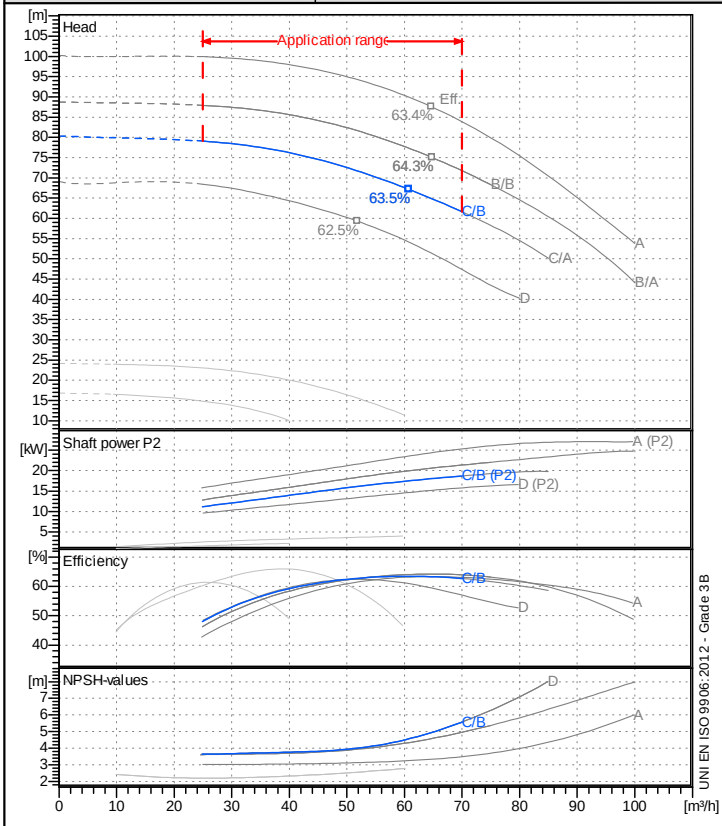
Receiver	From
Company name	
Respons. Department	
Person in charge	
Phone number	
Fax no	
E-mail address	



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			NCB 50-250 N C/B	
Size			65/50/250	
Design				
Speed	1/min	2900	No of stages	1
Impeller type				
Flow		Nominal	m³/h	
		Max-	m³/h	70
		Min-	m³/h	25
Head		Nominal	m	
		Max-	m	79.1
		Min-	m	61.6
Head H(Q=0)			m	80.3
NPSH 3%			m	
Max. working pressure			bar	7.87
Shaft power			kW	
Efficiency			%	
Max absorbed power			kW	18.676

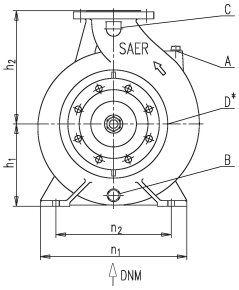
Materials Pump

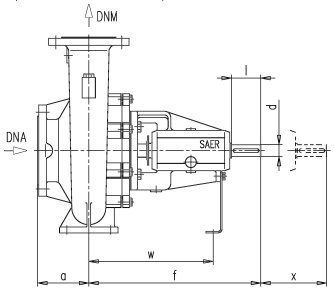
Shaft	Stainless steel AISI 431 (1.4057)
Impeller	Cast iron EN-GJL-250
Pump body	Cast iron EN-GJL-250
Seal disc	Cast iron EN-GJL-250
Gasket	Natural fiber
Mech. seal EN 12756	
Seal face	Carbon graphite resin impreg.
Seat	Alumina Oxide
Rubber elements	EPDM Rubber
Spring and metal bellows	Stainless steel AISI 316

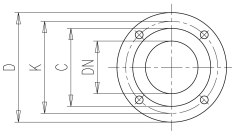
Motor		Frame size			
Manufacturer / Type					
Rated power	kW		Efficiency 4/4		
Electric current	A		Speed	1/min	
Electric voltage	V			Hz	
Starting mode					
Degree of protection			Insulation class		

Dimensions in mm

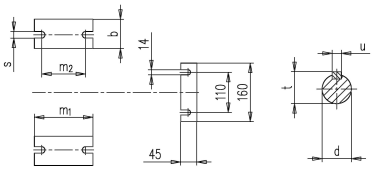
a	100	n2	250
A	3/8"	s	14
B	3/8"	t	26.9
b	65	u	8
C	1/4"	w	260
d k6	24	x	100
D	3/8"		
DNA	DN 65		
DNM	DN 50		
f	360		
h1	180		
h2	225		
l	50		
m1	125		
m2	95		
n1	320		







C	102	C	122
D	165	D	185
DN	50	DN	65
K	125	K	145
n°	4	n°	4
on	19	on	19



Remarks:

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			2022-05-05	

Performance curves
NCB 50-250 N C/B

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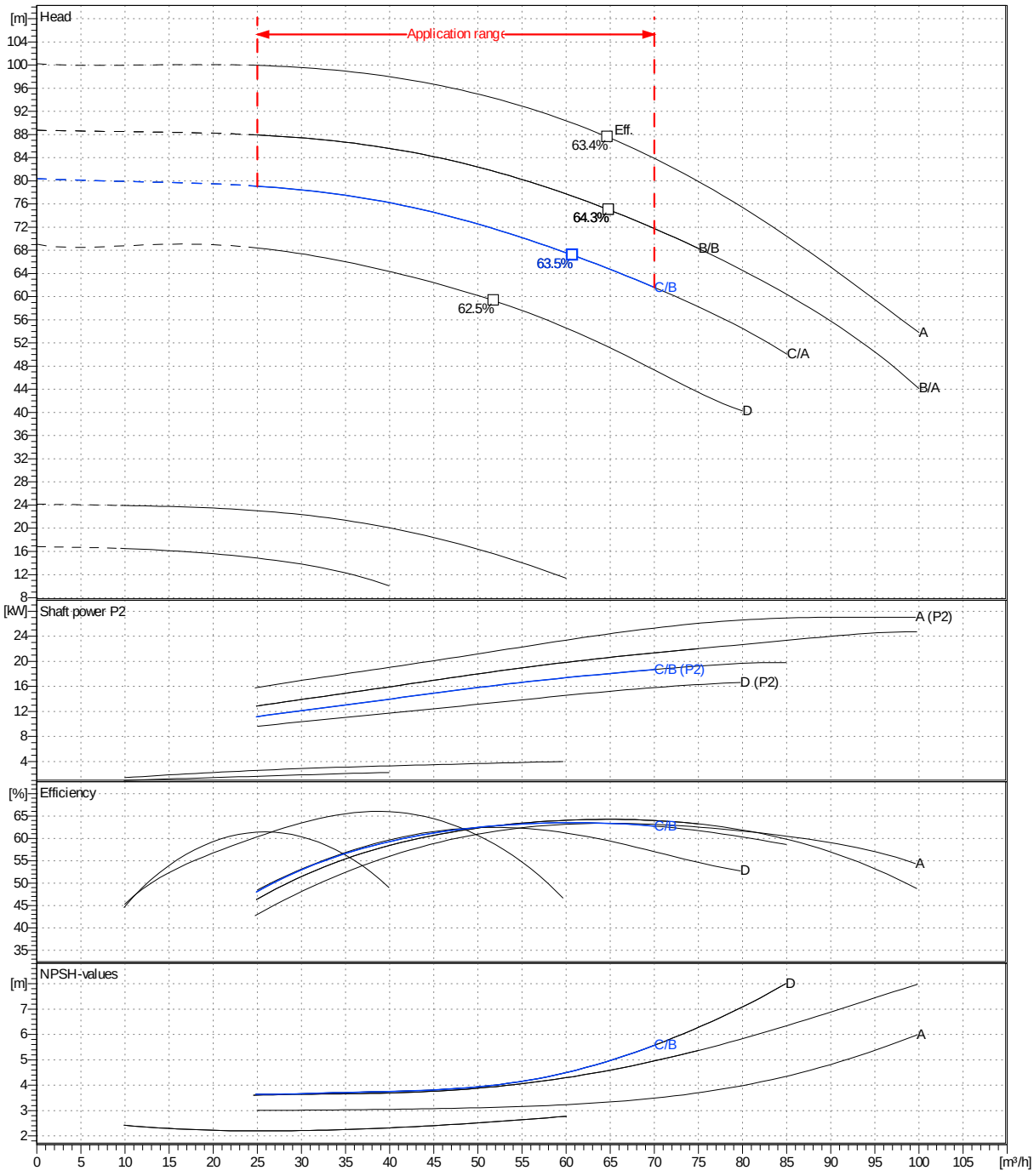
Operating area	Flow		Head	
Operating data specification	0	m³/h	0	m
Pump data		m³/h		m

Impeller type	
Impeller construction	Closed
Sense of rotation	Clockwise from the drive end
Outlet width	DN 50
Speed 1/min	2900
Frequency 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
	25	70	60.8	80.3	67.1		18.7	17.5

Performance data based to: Water, pure [100%] ; 20°C; 0.998kg/dm³; 1mm²/s

UNI EN ISO 9906:2012 - Grade 3B



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SAER ELETTROPOMPE	**Spare parts** NCB 50-250 N C/B	Revision no	Page: 3

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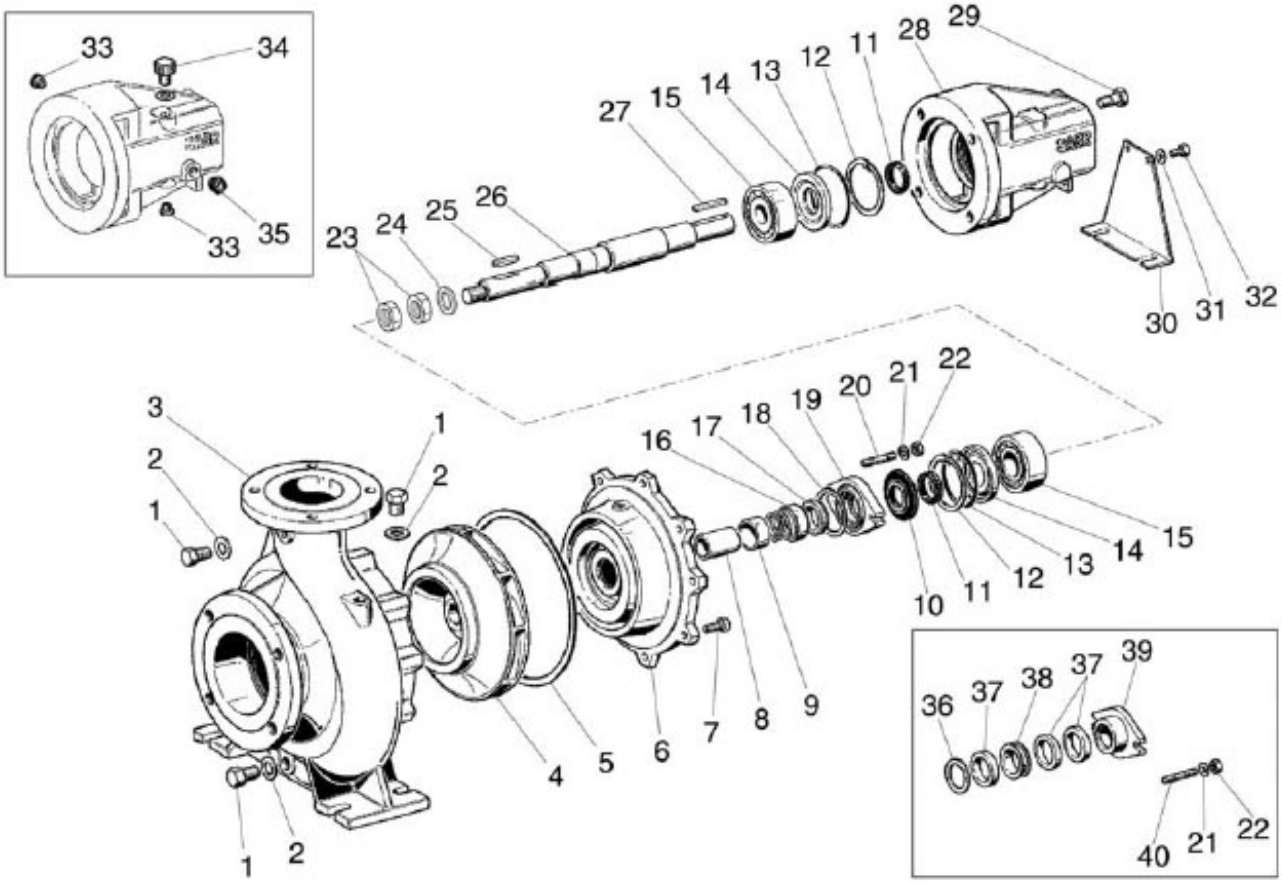

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