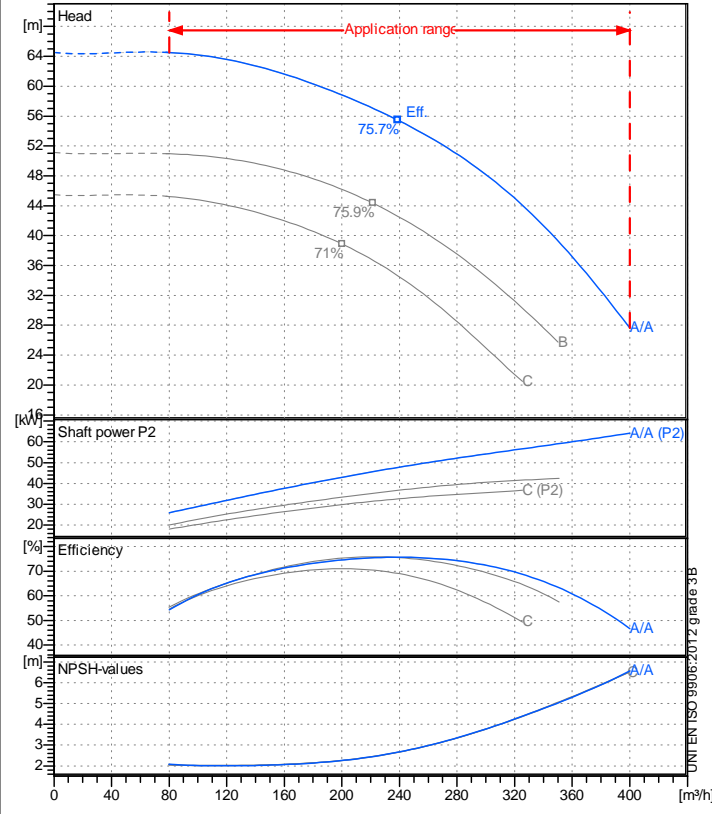


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 Person in charge
 Phone number
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 E-mail address

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Operating data specification

Nominal flow	m³/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/dm³ 0.9983
Kin. viscosity at t A	mm²/s 1.005

Pump

Pump name		NCBZ 4P-100-400 N A/A	
Size		125/100/400	
Design			
Speed	1/min 1450	No of stages	1
Impeller type			
Flow	Nominal	m³/h	
	Max-	m³/h 400	
	Min-	m³/h 80	
Head	Nominal	m	
	Max-	m 64.5	
	Min-	m 27.6	
Head H(Q=0)		m 64.5	
NPSH 3%		m	
Max. working pressure		bar 6.32	
Shaft power		kW	
Efficiency		%	
Max absorbed power		kW 64.228	

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	280S	
Manufacturer / Type	SAER	280S-100	
Rated power	kW 75	Efficiency 4/4	95 %
Electric current	A 133 A	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	140
b1	580
b2	650
b3	720
e	155
f	530
H	400
h1	120
h2	355
L	944
l3	50
S	M16
x	4

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

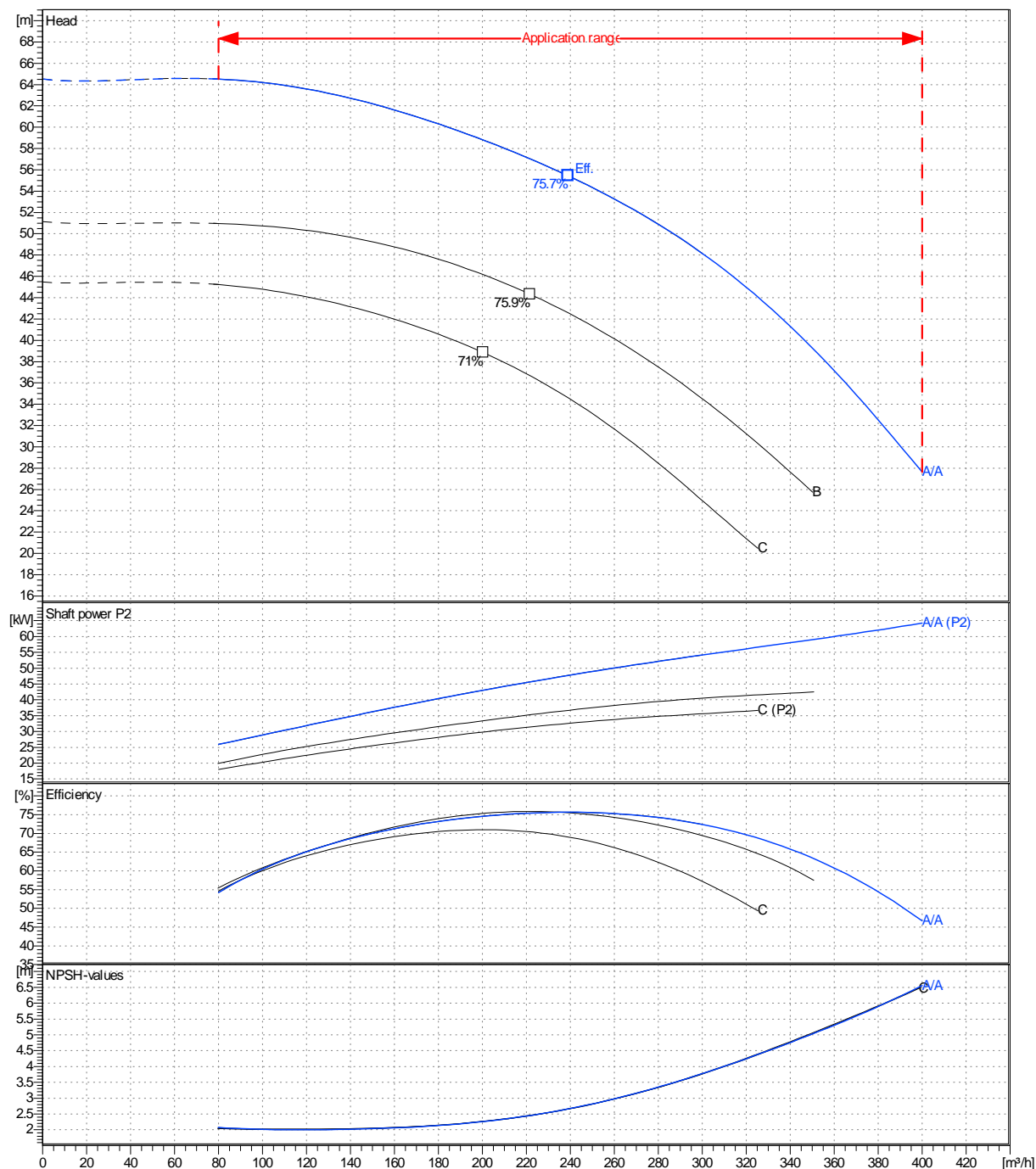
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Operating area	Flow	Head	Impeller type
Operating data specification	0 m ³ /h	0 m	Impeller construction: Closed
Pump data	m ³ /h	m	Sense of rotation: Clockwise from the drive end
			Outlet width: DN 100
	Flow	Head	Shaft power P2
	Min. Max. η Max.	H(Q=0) η Max.	P2(Q=0) Max. η Max.
	m ³ /h m ³ /h m ³ /h	m m	kW kW kW
	80 400 239	64.5 55.4	64.2 47.7
			Speed: 1/min 1450
			Frequency: Hz 50 Hz

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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Spare parts
NCBZ 4P-100-400 N A/A

Revision no

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