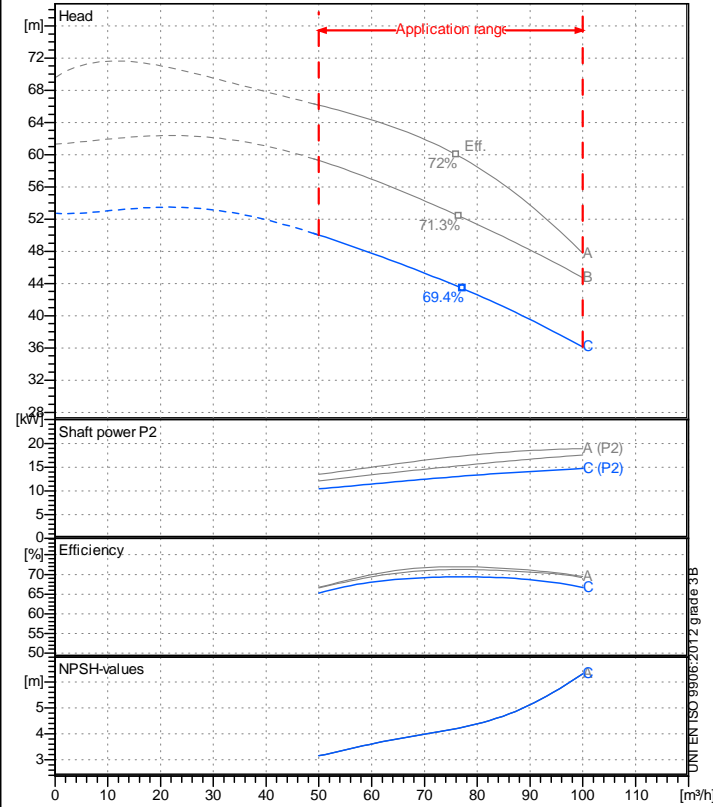


Receiver

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 - v alue 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**

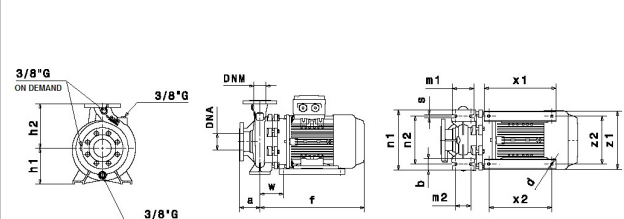
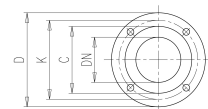
Pump name	IR50-200NC		
Size	65/50/200		
MEI (Reg. 547/2002 EU) >	0,7		
Speed 1/min	2900	No of stages	1
Impeller type			
Flow	Nominal	m³/h	
	Max-	m³/h	100
	Min-	m³/h	50
Head	Nominal	m	
	Max-	m	50
	Min-	m	36.1
Head H(Q=0)	m	52.7	
NPSH 3%	m		
Max. working pressure	bar	5.16	
Shaft power	kW		
Efficiency	%		
Max absorbed power	kW	14.725	

**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	Aramidic fiber		
Mech. seal EN 12756			

**Dimensions in mm**

a	100	z1	261	DNM	DNA		
b	50	z2	216	C	102	C	122
d	12			D	165	D	185
f	564			DN	50	DN	65
h1	160			K	125	K	145
h2	200			n°	4 x 18 mm		4 x 18 mm
m1	100						
m2	70						
n1	265						
n2	212						
s	14						
w	113						
x1	320						
x2	280						



<b>Motor</b>	Manufacturer / Type	SAER	132-2P-20	
Efficiency	IEC 60034-30	IE3		
Rated power	kW 15	Efficiency 4/4	92.1 %	
Number of poles	2	Frame size	132	
Electric current	A 27.4 A	Speed	1/min	2946
Electric voltage	V 400 V	3~	Hz	50
Starting mode	Unknown			
Degree of protection	IP 55	Insulation class	F	

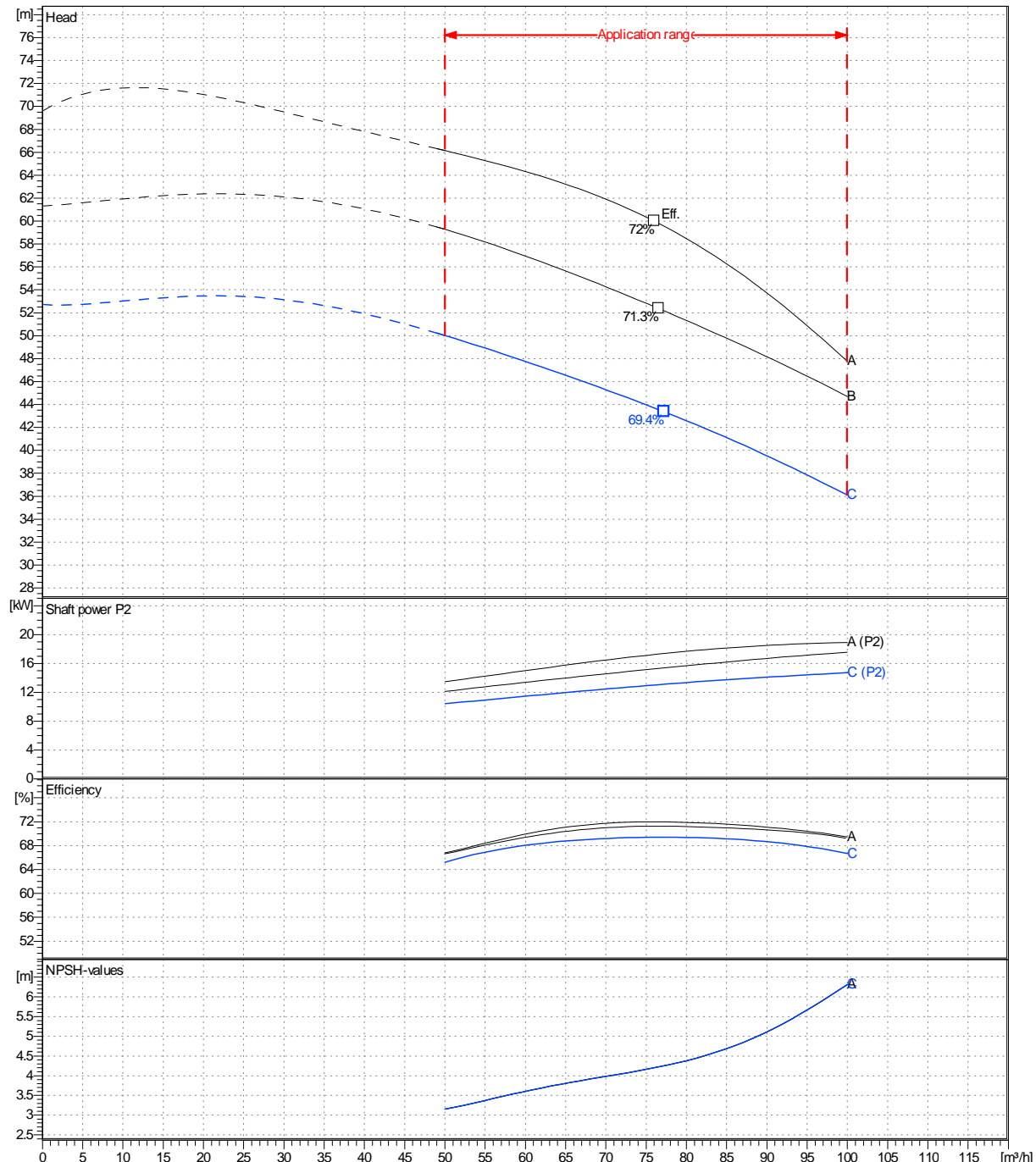
Remarks:

Project	Project ID	Created by	Created on	Last update
			2024-01-10	

<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
			Sense of rotation: Clockwise from the drive end
Pump data	m <sup>3</sup> /h	m	Outlet width: DN50
	Min. Max. $\eta$ Max.	H(Q=0) $\eta$ Max.	Speed: 1/min 2900
	m <sup>3</sup> /h m <sup>3</sup> /h m <sup>3</sup> /h	m m	Frequency: Hz 50 Hz
	50 100 77.2	52.7 43.4	
		Shaft power P2	
		P2(Q=0) Max. $\eta$ Max.	
		kW kW kW	
		14.7 13.1	

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 <b>2024-01-10</b>	Last update
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Revision no

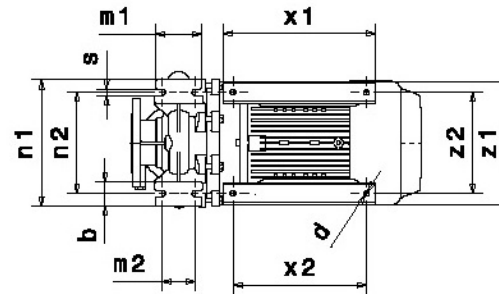
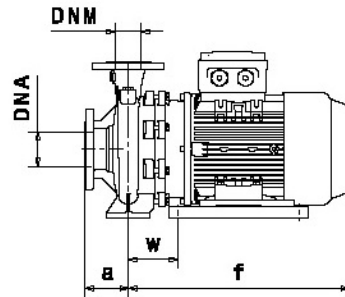
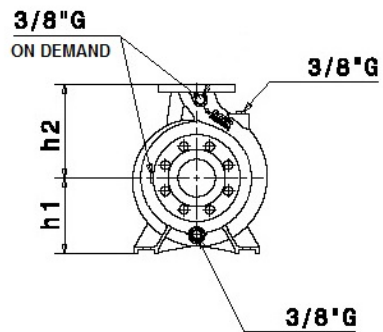
Pump dimensions

Connections

Suction side	Discharge port
DN65	DN50
PN10/16	PN10/16

Dimensions in mm

a	100
b	50
d	12
f	564
h1	160
h2	200
m1	100
m2	70
n1	265
n2	212
s	14
w	113
x1	320
x2	280
z1	261
z2	216



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

Created on  
2024-01-10

Last update