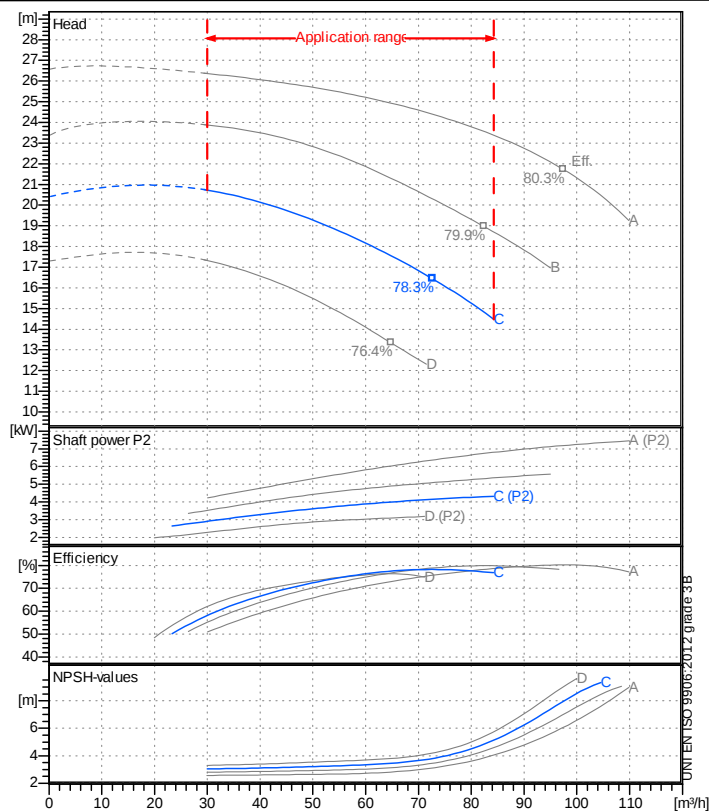


Company name
Respons. Department
Person in charge
Phone number
Fax no
E-mail address

Receiver

From



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	IR65-125C		
Size	80/65/125		
MEI (Reg. 547/2002 EU) >	0,5		
Speed 1/min	2900	No of stages	1
Impeller type			
Flow	Nominal	m³/h	
	Max-	m³/h	84.3
	Min-	m³/h	30
Head	Nominal	m	
	Max-	m	20.7
	Min-	m	14.5
Head H(Q=0)	m	20.4	
NPSH 3%	m		
Max. working pressure	bar	2	
Shaft power	kW		
Efficiency	%		
Max absorbed power	kW	4.3215	

Materials Pump

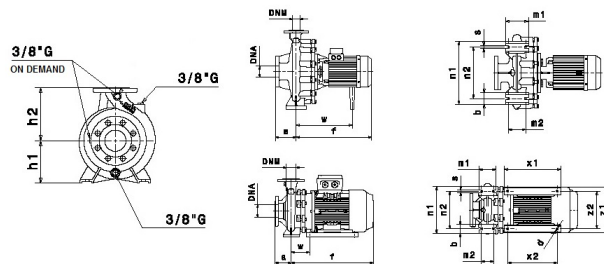
Shaft	Stainless steel AISI 431 (1.4057)		
Impeller	Cast iron EN-GJL-250		
Pump body	Cast iron EN-GJL-250		
Seal disc	Cast iron EN-GJL-250		
Gasket	Natural fiber		
Mechanical seal	BVEG (Grafite/Ossido Allumina/EPDM)		

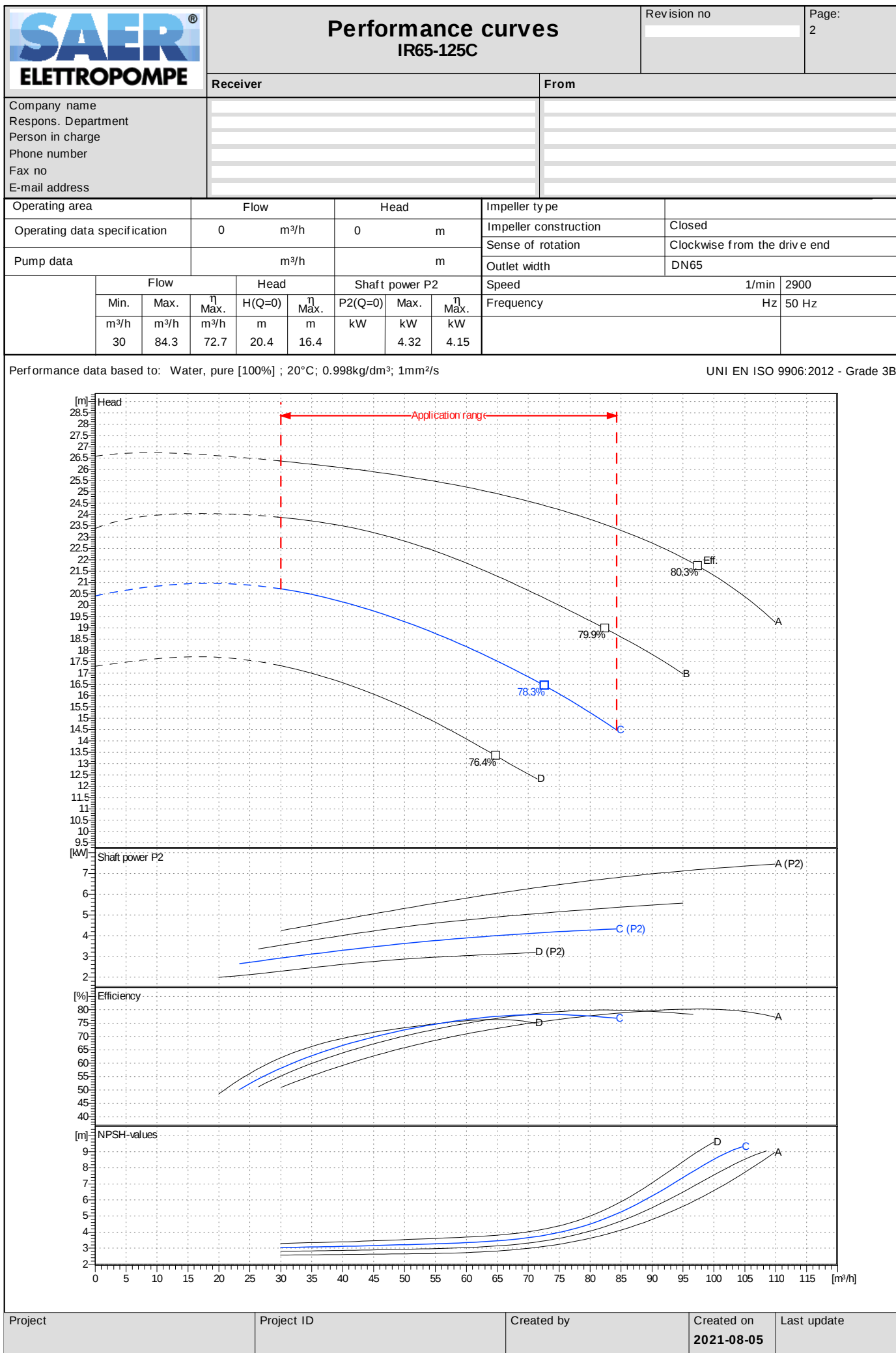
Motor	Manufacturer / Type	SAER 112-2P-5,5	
Efficiency	IEC 60034-30	IE3	
Rated power	kW	4	Efficiency 4/4 88.1 %
Number of poles	2	Frame size	112
Electric current	A	7.9 A	Speed 1/min 2925
Electric voltage	V	380 V	3~ Hz 50
Starting mode	Unknown		
Degree of protection	IP 55	Insulation class	F

Remarks:

Dimensions in mm

a	100	z1	0	DNM	DNA
b	65	z2	0	C	122
d	0			D	185
f	426			DN	65
h1	160			K	145
h2	180			n°	4 x 19 mm
m1	125				8 x 19 mm
m2	95				
n1	280				
n2	212				
s	14				
w	304				
x1	0				
x2	0				





Pump dimensions

Connections

Suction side Discharge port
DN80 DN65
PN10 / PN16 PN10 / PN16

Dimensions in mm

a	100		
b	65		
d	0		
f	426		
h1	160		
h2	180		
m1	125		
m2	95		
n1	280		
n2	212		
s	14		
w	304		
x1	0		
x2	0		
z1	0		
z2	0		

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.

