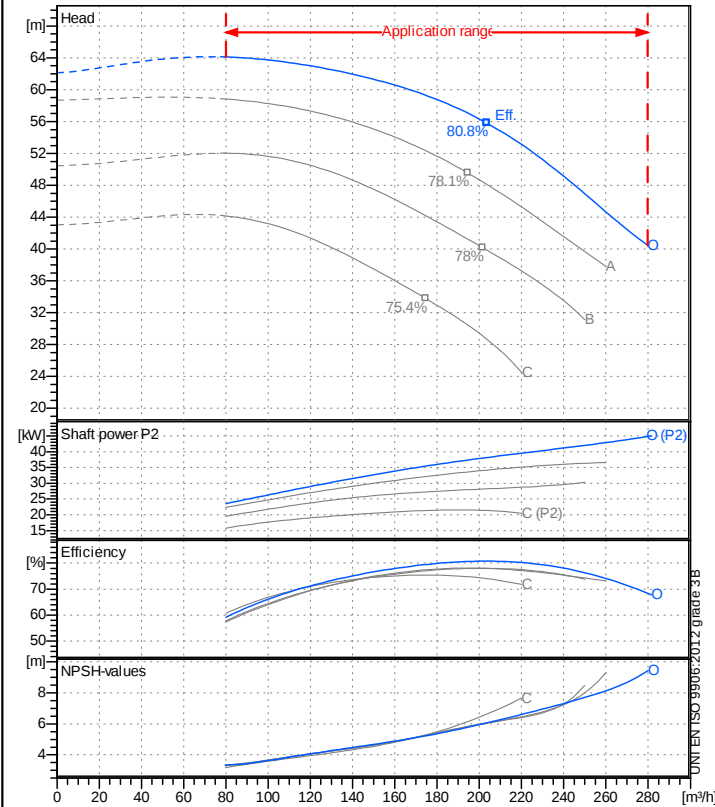


Receiver

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 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	IR80-2000		
Size	100/80/200		
MEI (Reg. 547/2002 EU) >	0,7		
Speed 1/min	2900	No of stages	1
Impeller type			
Flow	Nominal	m³/h	
	Max-	m³/h	280
	Min-	m³/h	80
Head	Nominal	m	
	Max-	m	64.1
	Min-	m	40.5
Head H(Q=0)	m	62.2	
NPSH 3%	m		
Max. working pressure	bar	6.09	
Shaft power	kW		
Efficiency	%		
Max absorbed power	kW	45.021	

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	Aramid fiber

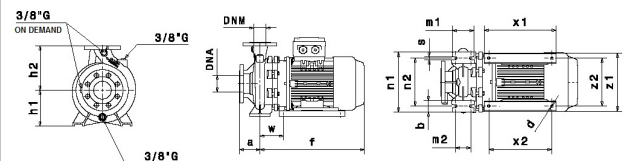
Mech. seal EN 12756

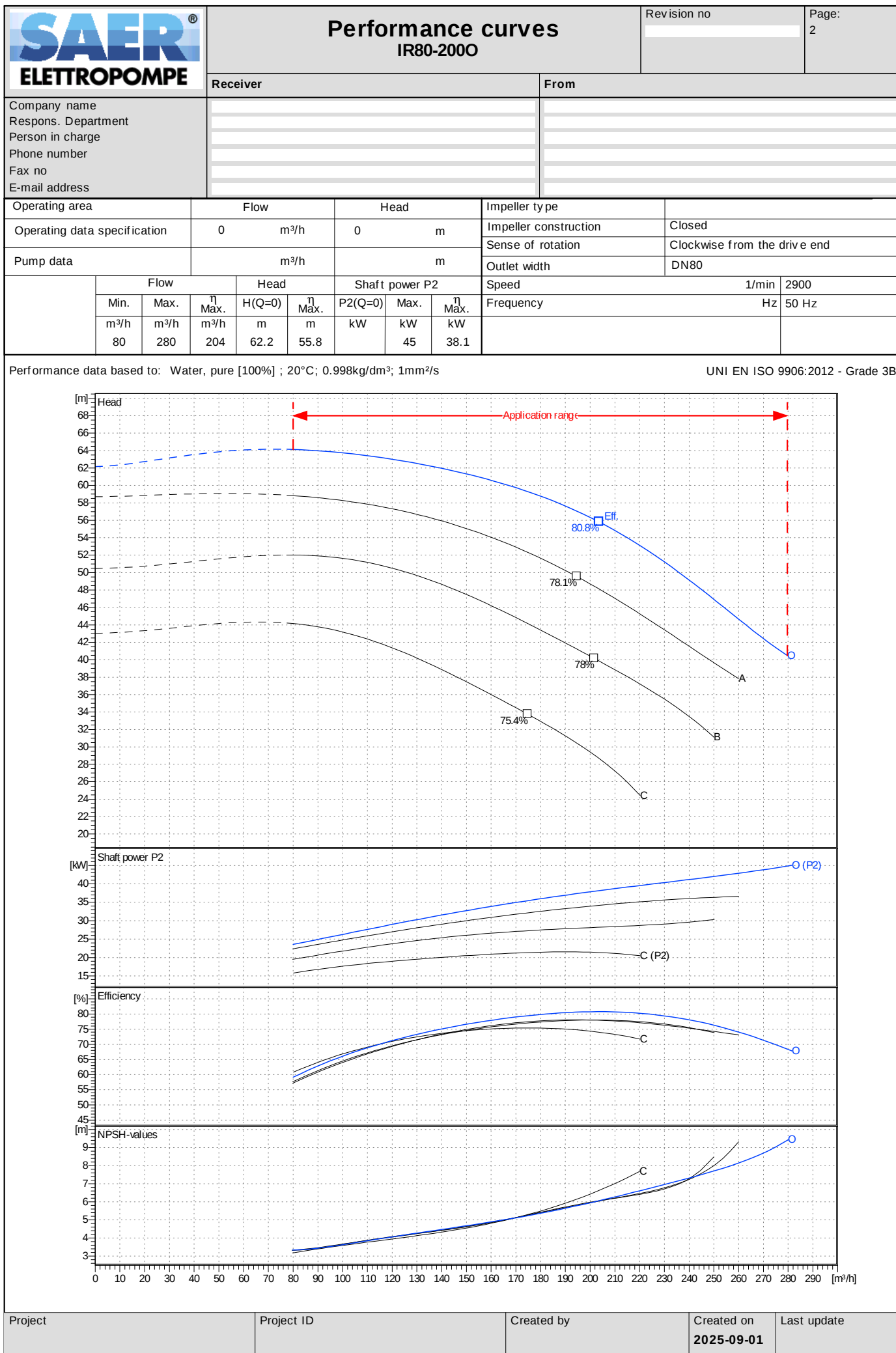
Motor	Manufacturer / Type		SAER 225-2P-60		
Efficiency	IEC 60034-30		IE3		
Rated power	kW	45	Efficiency 4/4		94.2 %
Number of poles	2		Frame size		225
Electric current	A	45.2 A	Speed	1/min	2976
Electric voltage	V	690 V	3~	Hz	50
Starting mode	Unknown				
Degree of protection	IP 55		Insulation class		F

Remarks:

Dimensions in mm

a	125	z1	437	DNM		DNA	
b	65	z2	356	C	138	C	158
d	18			D	200	D	220
f	845			DN	80	DN	100
h1	225			K	160	K	180
h2	250			n°	8 x 18 mm	n°	8 x 18 mm
m1	125						
m2	95						
n1	345						
n2	280						
s	14						
w	280						
x1	388						
x2	286?319						



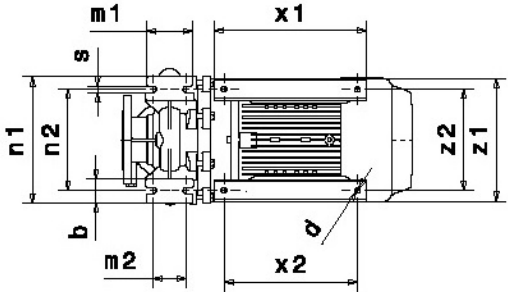
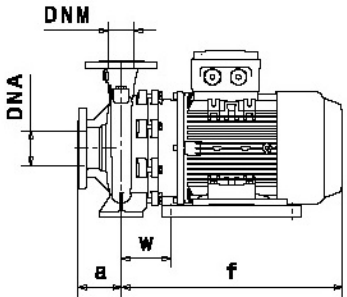
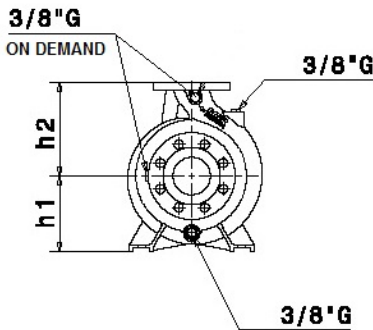


Type of installation
IR80-2000

Receiver

From

Pump dimensions



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.

Connections

Suction side	Discharge port
DN100	DN80
PN10/16	PN10/16

Dimensions in mm

a	125		
b	65		
d	18		
f	845		
h1	225		
h2	250		
m1	125		
m2	95		
n1	345		
n2	280		
s	14		
w	280		
x1	388		
x2	286?319		
z1	437		
z2	356		