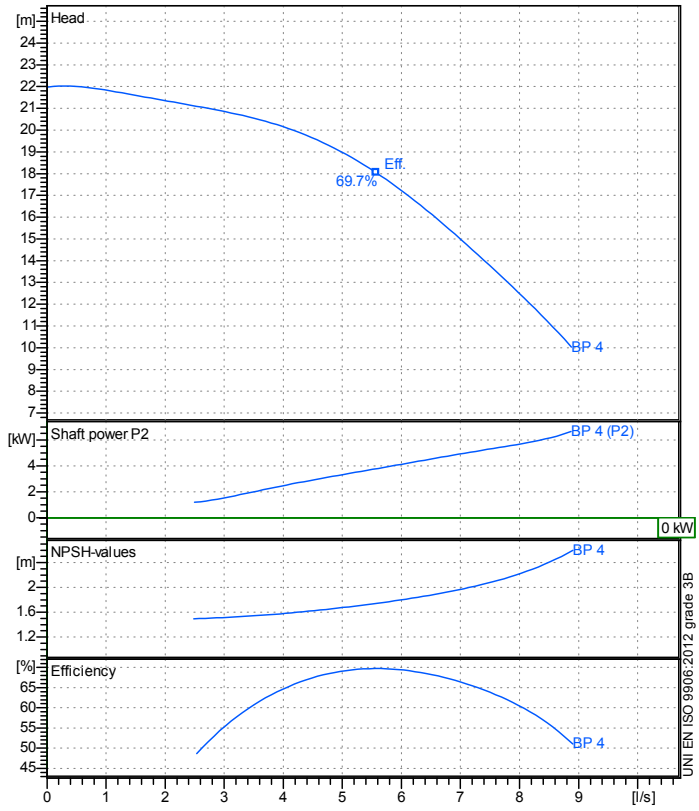
SAER ELETTROPOMPE	**Technical data** BP 4	Revision no	Page: 1

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



Operating data specification

Nominal flow	l/s	0
Nominal head	m	0
Static head	m	0
NPSH - value of plant	m	0
Inlet pressure	kPa	9.793
Fluid		Water, pure
Operating temperature t A	°C	20
Density at t A	kg/m³	998.3
Kin. viscosity at t A	mm²/s	1.005

Pump

Pump name		BP 4		
Size				
Design				
Speed rpm	2850	No of stages	1	
Impeller type				
Flow	Nominal		l/s	
	Max-		l/s	8.88
	Min-		l/s	0.00491
Head	Nominal		m	
	Max-		m	22
	Min-		m	10
Head H(Q=0)			m	22
NPSH 3%			m	
Max. working pressure			kPa	215
Shaft power			kW	
Efficiency			%	
Max absorbed power			kW	6.642

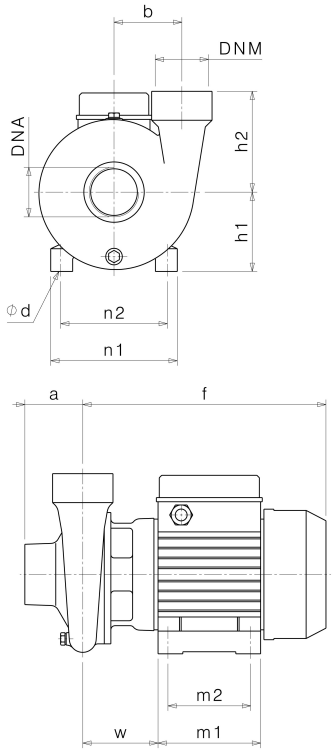
Materials Pump

Shaft	Stainless steel AISI 420 (1.4028)
Impeller	Carbon steel G20Mn5 (1.6620)
Pump body	Cast iron EN-GJL-200
Support	Cast iron EN-GJL-200
OR	NBR Rubber
Mechanical seal	BXPG (Gra/Cer/NBR)

Motor		Frame size		80	
Manufacturer / Type		SAER 80 2 - 1,1 1~			
Rated power	kW	1.1	Efficiency 4/4		- %
Electric current	A	9 A	Speed	rpm	2950
Electric voltage	V	230 V	1~	Hz	50
Starting mode		Unknown			
Degree of protection		IP 44	Insulation class		F

Dimensions in mm

a	70
DNA	G 2"
DNM	G 2"
f	294
h1	96
h2	122
m1	124
m2	100
n1	152
n2	125
ød	9
w	88



Remarks:

Project	Project ID	Created by	Created on	Last update
			8/22/2019	

Performance curves
BP 4

Revision no	Page:
	2

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

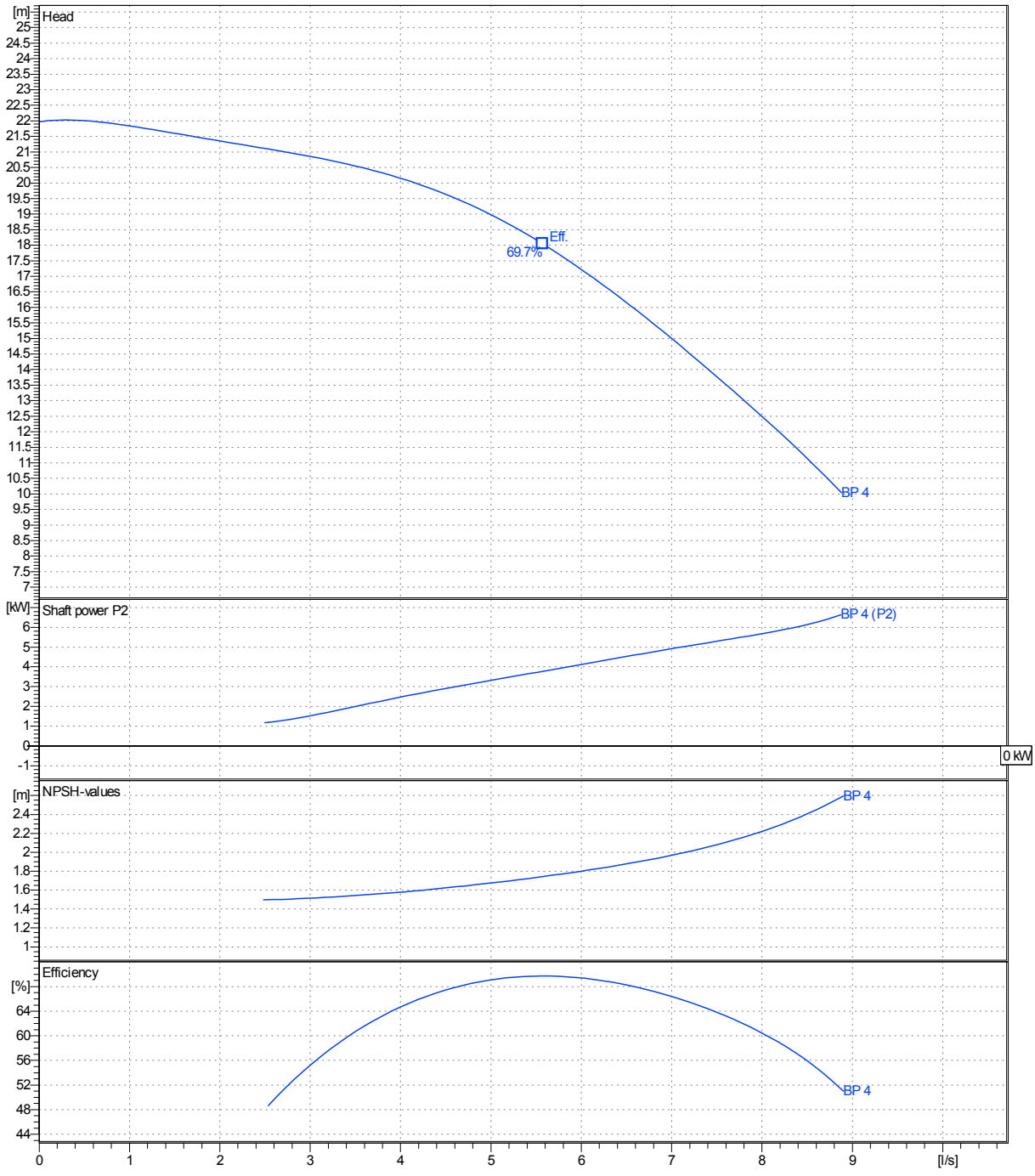
Operating area	Flow		Head	
Operating data specification	0	l/s	0	m
Pump data		l/s		m

Impeller type	
Impeller construction	Closed
Sense of rotation	Clockwise from the drive end
Outlet width	G2"
Speed rpm	2850
Frequency Hz	50 Hz

	Flow			Head		Shaft power P2		
	Min.	Max.	η Max.	H(Q=0)	η Max.	P2(Q=0)	Max.	η Max.
	l/s	l/s	l/s	m	m	kW	kW	kW
	0.0049	8.88	5.57	22	18		6.64	3.78

Performance data based to: Water, pure [100%] ; 20°C; 998kg/m³; 1mm²/s

UNI EN ISO 9906:2012 - Grade 3B



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