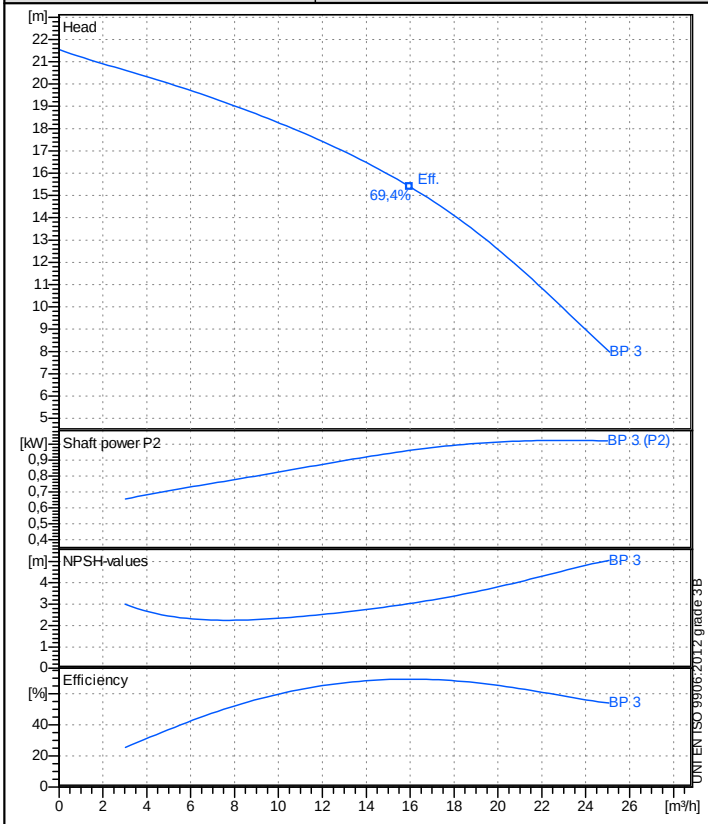
Technical data
BP 3

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	m³/h	0
Nominal head	m	0
Static head	m	0
NPSH - value of plant	m	0
Inlet pressure	bar	0,09793
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 3		
Size				
Design				
Speed	rpm	2850	No of stages	1
Impeller type				
Flow	Nominal		m³/h	
	Max-		m³/h	25,1
	Min-		m³/h	0
Head	Nominal		m	
	Max-		m	21,5
	Min-		m	7,97
Head H(Q=0)			m	21,5
NPSH 3%			m	
Max. working pressure			bar	2,11
Shaft power			kW	
Efficiency			%	
Max absorbed power			kW	1,0247

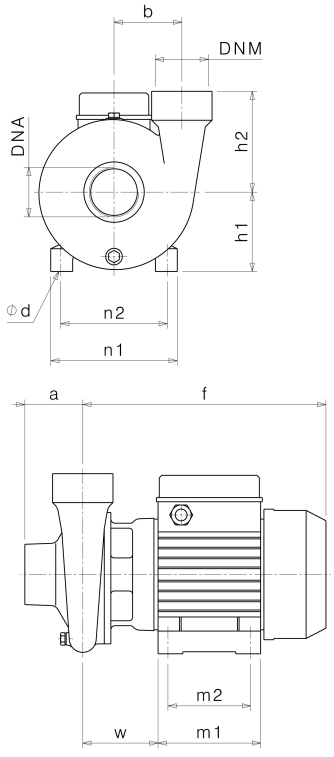
Materials Pump

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 - 0,75 3~				
Rated power	kW	0,75	Efficiency 4/4		0 %	
Electric current	A	2,8 A	Speed	rpm	2950	
Electric voltage	V	400 V	3~	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
od	9
w	88



Remarks:

Project	Project ID	Created by	Created on	Last update
			2019-02-13	