Technical data
BP 5

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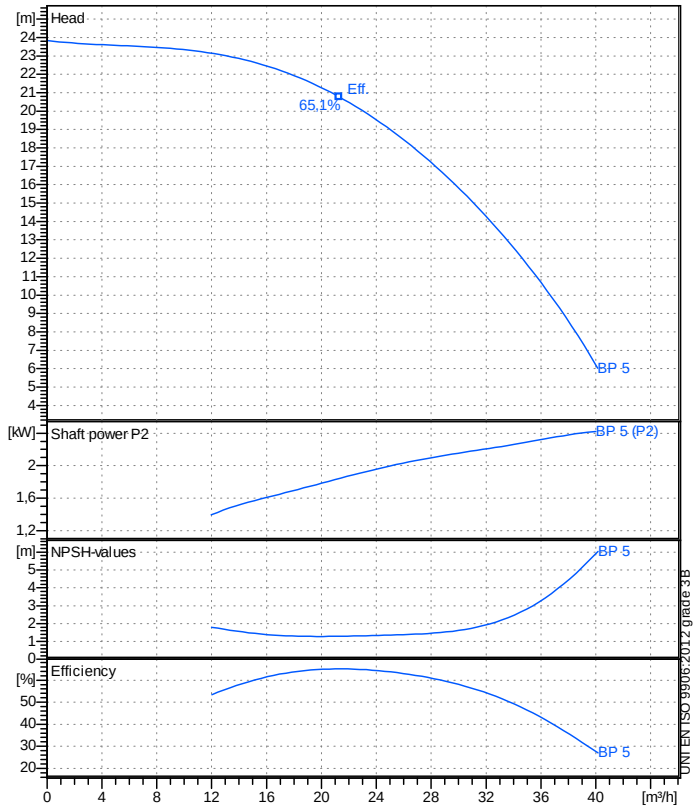
Receiver	From
Company name	
Respons. Department	
Person in charge	
Phone number	
Fax no	
E-mail address	



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 5	
Size				
Design				
Speed	rpm	2850	No of stages	1
Impeller type				
Flow		Nominal	m³/h	
		Max-	m³/h	40,1
		Min-	m³/h	0
Head		Nominal	m	
		Max-	m	23,8
		Min-	m	6,03
Head H(Q=0)			m	23,8
NPSH 3%			m	
Max. working pressure			bar	2,33
Shaft power			kW	
Efficiency			%	
Max absorbed power			kW	2,4197

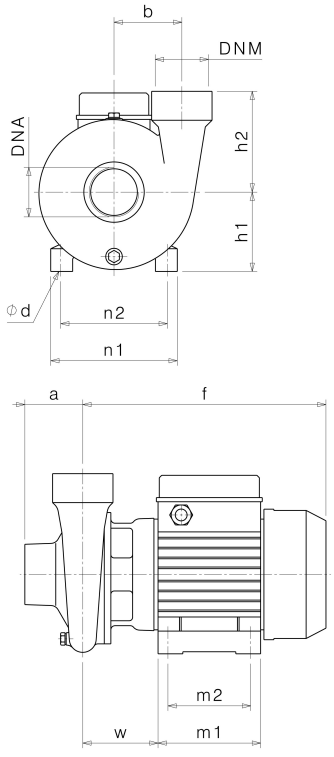
Materials Pump

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		90 S		
Manufacturer / Type		SAER 90 S 2 - 1,5 1~				
Rated power	kW	1,5	Efficiency 4/4			0 %
Electric current	A	11,5 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
od	9
w	88



Remarks:

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