Technical data
CM 1

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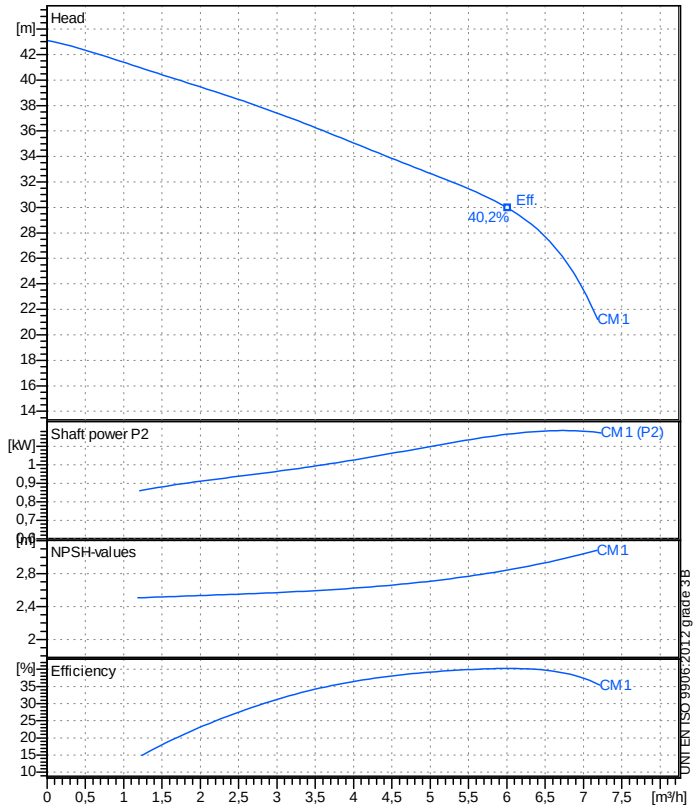
Receiver	From
Company name	
Respons. Department	
Person in charge	
Phone number	
Fax no	
E-mail address	



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			CM 1	
Size				
Design				
Speed	rpm	2850	No of stages	1
Impeller type			Single vane impeller	
Flow		Nominal	m³/h	
		Max-	m³/h	7,19
		Min-	m³/h	0
Head		Nominal	m	
		Max-	m	43,1
		Min-	m	21,2
Head H(Q=0)			m	43,1
NPSH 3%			m	
Max. working pressure			bar	4,22
Shaft power			kW	
Efficiency			%	
Max absorbed power			kW	1,1841

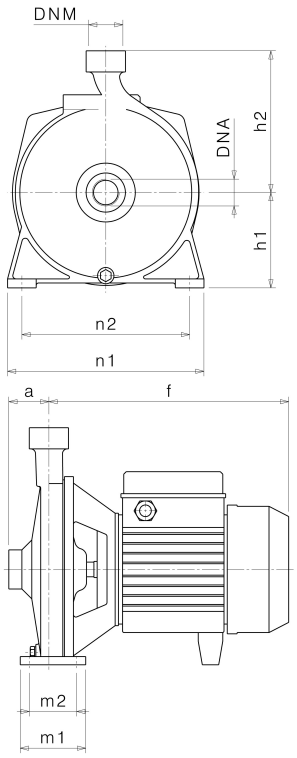
Materials Pump

Shaft	Stainless steel AISI 420 (1.4028)
Impeller	Brass
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		0 %
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	49
DNA	G 1"
DNM	G 1"
f	293
h1	116
h2	174
m1	80
m2	58
n1	240
n2	205
od	11



Remarks:

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