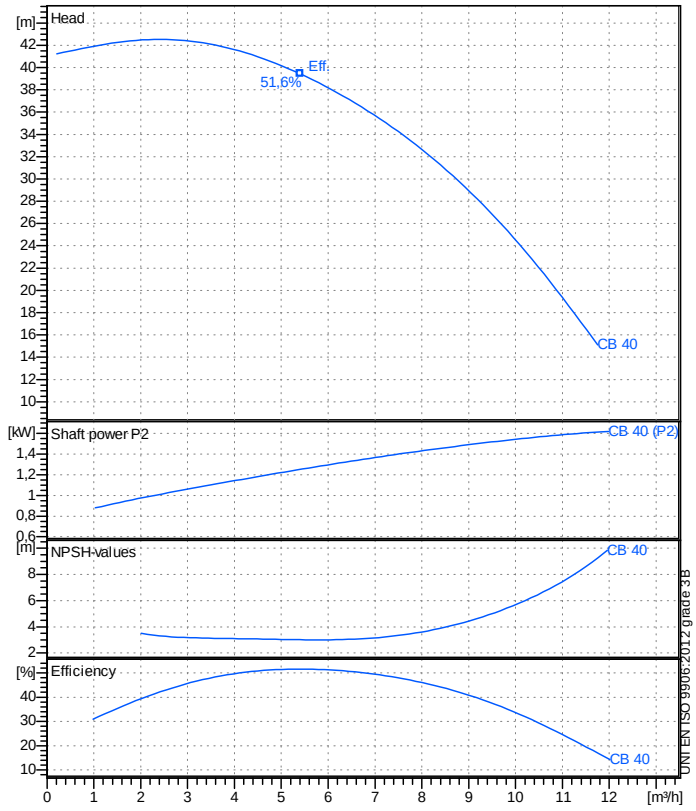
	Technical data CB 40	Revision no	Page: 1

	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		CB 40		
Size				
Design				
Speed rpm	2900	No of stages	1	
Impeller type				
Flow	Nominal		m³/h	
	Max-		m³/h	11,8
	Min-		m³/h	0,21
Head	Nominal		m	
	Max-		m	41,2
	Min-		m	15,1
Head H(Q=0)			m	41,1
NPSH 3%			m	
Max. working pressure			bar	4,02
Shaft power			kW	
Efficiency			%	
Max absorbed power			kW	1,6179

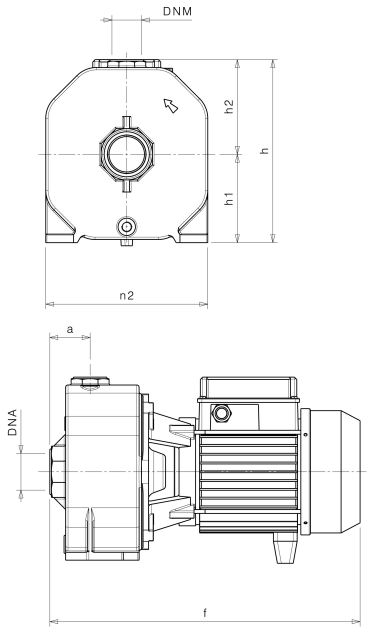
Materials Pump

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)
Diffuser	Thermoplastic resin

Motor		Frame size		80	
Manufacturer / Type		SAER 80 2 - 1,1 3~			
Rated power	kW	1,1	Efficiency 4/4		0 %
Electric current	A	3,5 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	51
DNA	G 1 1/2"
DNM	G 1"
f	393
h	232
h1	112
h2	120
n2	205



Remarks:

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