Technical data
KF 1

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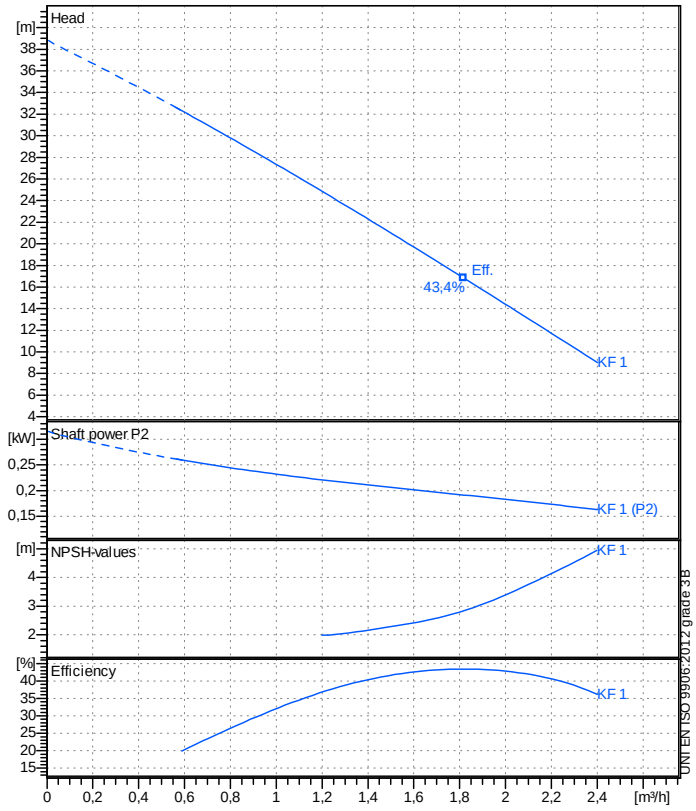
Receiver	From
Company name	
Respons. Department	
Person in charge	
Phone number	
Fax no	
E-mail address	



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		KF 1	
Size			
Design			
Speed rpm	2850	No of stages 1	
Impeller type		Peripheral impeller	
Flow	Nominal	m³/h	
	Max-	m³/h	2,4
	Min-	m³/h	0,581
Head	Nominal	m	
	Max-	m	32,4
	Min-	m	9
Head H(Q=0)		m	38,8
NPSH 3%		m	
Max. working pressure		bar	3,8
Shaft power		kW	
Efficiency		%	
Max absorbed power		kW	0,25949

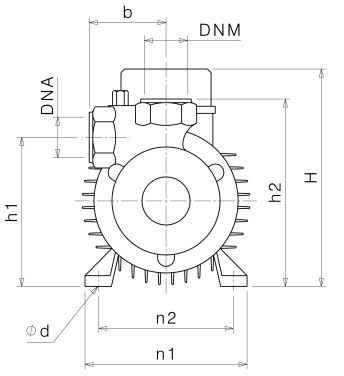
Materials Pump

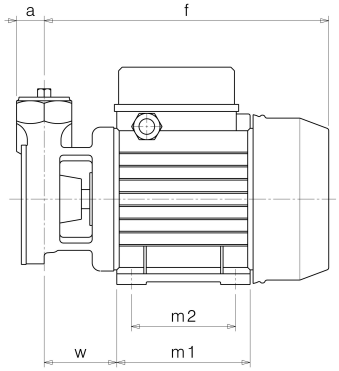
Shaft	Stainless steel AISI 420 (1.4028)
Impeller	Brass
Pump body	Cast iron EN-GJL-200
Support	Cast iron EN-GJL-200
OR	NBR Rubber
Mechanical seal	BXPG (Gra/Cer/NBR)

Motor		Frame size		71	
Manufacturer / Type		SAER 71 2 - 0,37 1~			
Rated power	kW	0,37	Efficiency 4/4		0 %
Electric current	A	2,3 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	23
DNA	G 1"
DNM	G 1"
f	225
H	166
h1	109
h2	143
m1	100
m2	80
n1	120
n2	100
od	7
w	60





Remarks:

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