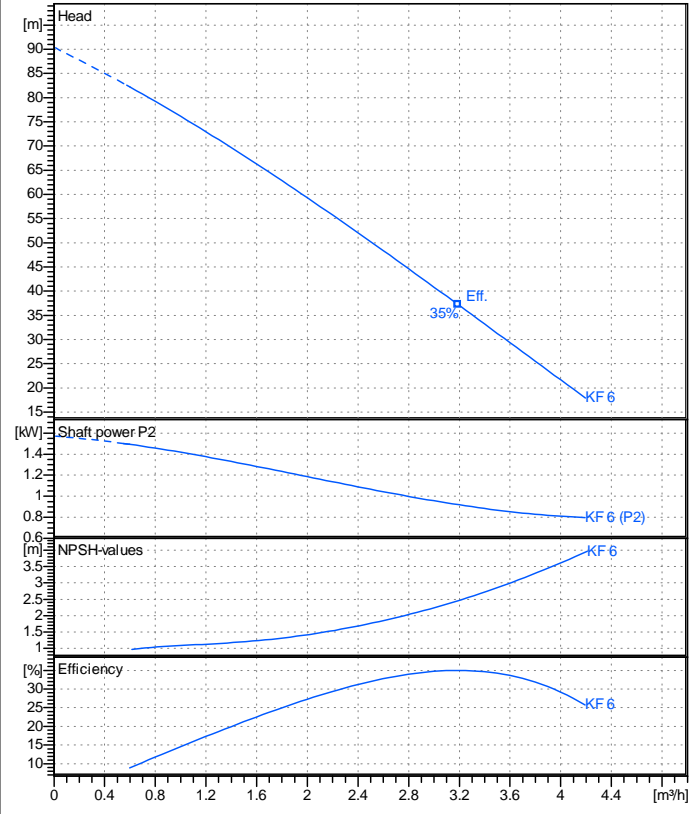


Company name
 Respons. Department
 Person in charge
 Phone number
 Fax no
 E-mail address

Receiver	From



Operating data specification

Nominal flow	m³/h 0
Nominal head	m 0
Static head	m 0
NPSH - v alue of plant	m 0
Inlet pressure	bar 0.09793
Fluid	Water, pure
Operating temperature t A	°C 20
Density at t A	kg/dm³ 0.9983
Kin. viscosity at t A	mm²/s 1.005

Pump

Pump name		KF 6	
Size			
Design			
Speed 1/min	2850	No of stages	1
Impeller type		Peripheral impeller	
Flow	Nominal	m³/h	
	Max-	m³/h	4.2
	Min-	m³/h	0.601
Head	Nominal	m	
	Max-	m	82.2
	Min-	m	17.9
Head H(Q=0)		m	90.4
NPSH 3%		m	
Max. working pressure		bar	8.85
Shaft power		kW	
Efficiency		%	
Max absorbed power		kW	1.4932

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	BXPB (Gra/Cer/NBR)		

Dimensions in mm

a	45
DNA	G 1"
DNM	G 1"
f	274
H	200
h1	80
h2	175
m1	124
m2	100
n1	152
n2	125
od	9
w	69

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	1/min 2950
Electric voltage	V	230 V	1~	Hz 50
Starting mode	Unknown			
Degree of protection	IP 44	Insulation class	F	

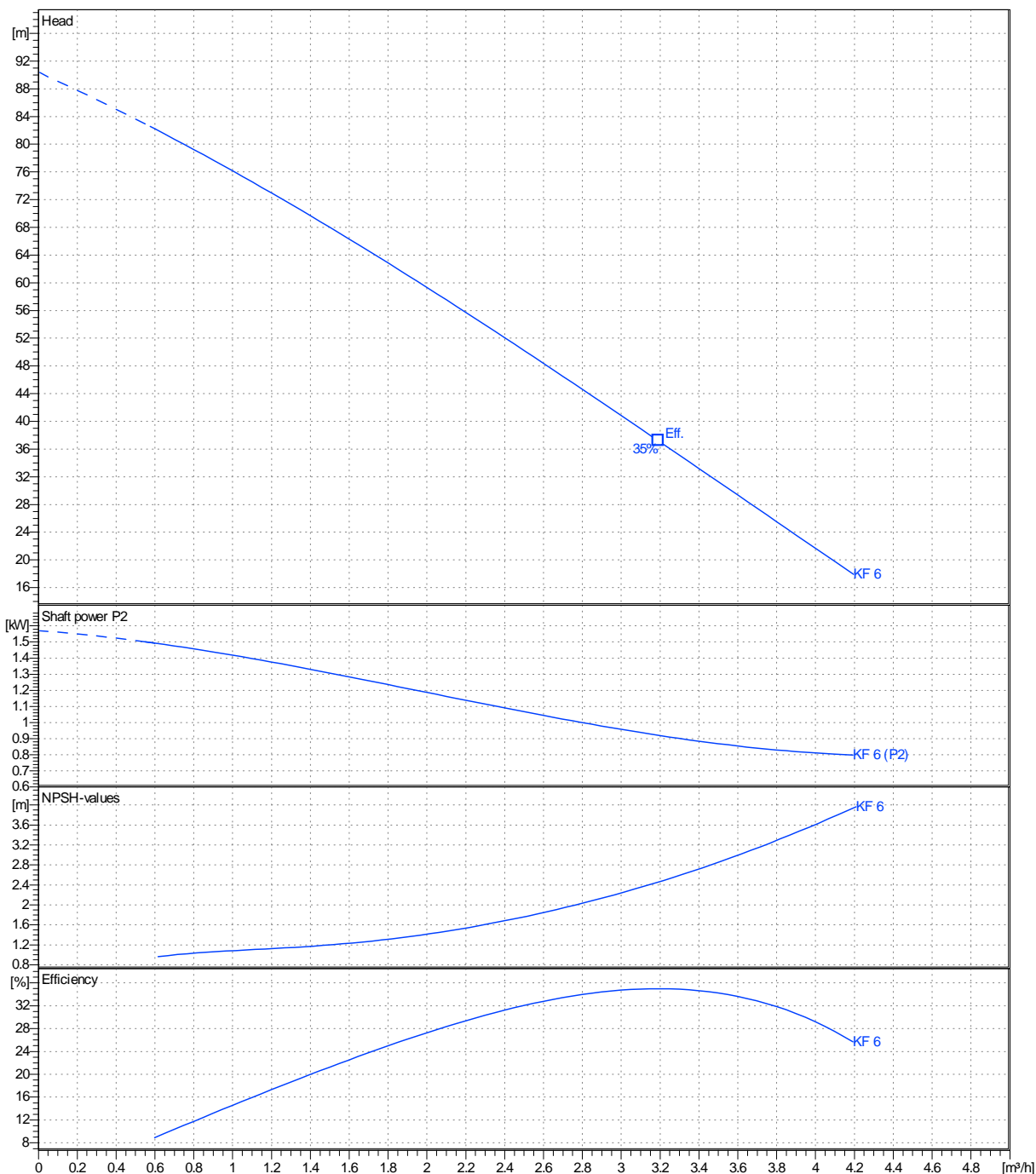
Remarks:				
Project	Project ID	Created by	Created on	Last update
			2020-09-24	

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

Operating area	Flow	Head	Impeller type	Peripheral impeller																													
Operating data specification	0 m ³ /h	0 m	Impeller construction																														
Pump data	m ³ /h	m	Sense of rotation	Clockwise from the drive end																													
			Outlet width	G1"																													
	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th colspan="2">Flow</th> <th colspan="2">Head</th> <th colspan="3">Shaft power P2</th> </tr> <tr> <th>Min.</th> <th>Max.</th> <th>η Max.</th> <th>H(Q=0)</th> <th>η Max.</th> <th>P2(Q=0)</th> <th>Max.</th> </tr> <tr> <td>m³/h</td> <td>m³/h</td> <td>m³/h</td> <td>m</td> <td>m</td> <td>kW</td> <td>kW</td> </tr> <tr> <td>0.601</td> <td>4.2</td> <td>3.19</td> <td>90.4</td> <td>37.2</td> <td>1.49</td> <td>0.92</td> </tr> </table>		Flow		Head		Shaft power P2			Min.	Max.	η Max.	H(Q=0)	η Max.	P2(Q=0)	Max.	m ³ /h	m ³ /h	m ³ /h	m	m	kW	kW	0.601	4.2	3.19	90.4	37.2	1.49	0.92	Speed	1/min	2850
Flow		Head		Shaft power P2																													
Min.	Max.	η Max.	H(Q=0)	η Max.	P2(Q=0)	Max.																											
m ³ /h	m ³ /h	m ³ /h	m	m	kW	kW																											
0.601	4.2	3.19	90.4	37.2	1.49	0.92																											
				Frequency	Hz	50 Hz																											

Performance data based to: Water, pure [100%]; 20°C; 0.998kg/dm³; 1mm²/s

UNI EN ISO 9906:2012 - Grade 3B



Project	Project ID	Created by	Created on	Last update
			2020-09-24	