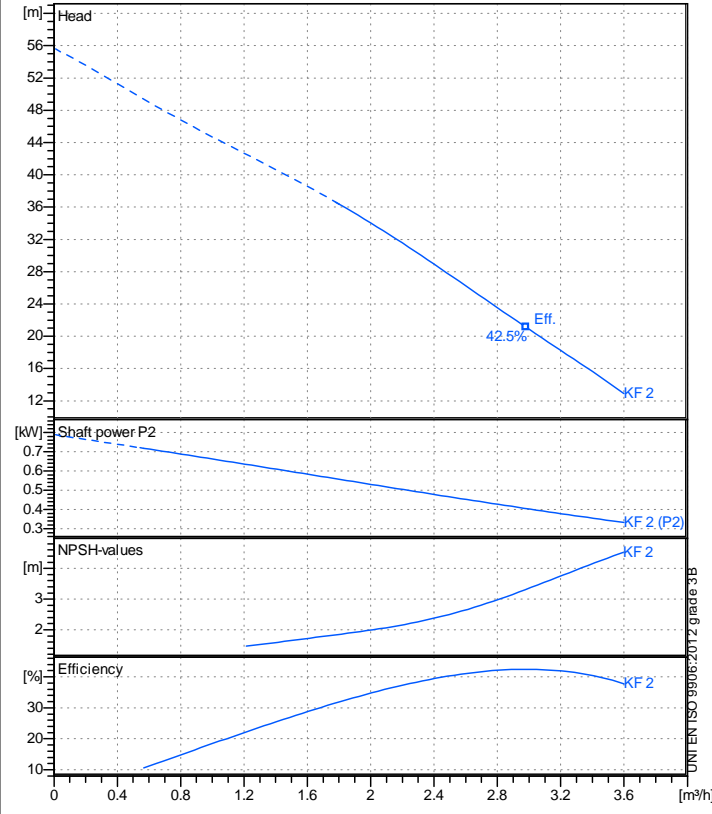


Company name  
 Respons. Department  
 Person in charge  
 Phone number  
 Fax no  
 E-mail address

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 2		
Size			
Design			
Speed 1/min	2850	No of stages	1
Impeller type	Peripheral impeller		
Flow	Nominal	m³/h	
	Max-	m³/h	3.6
	Min-	m³/h	1.8
Head	Nominal	m	
	Max-	m	36.4
	Min-	m	12.9
Head H(Q=0)	m	55.6	
NPSH 3%	m		
Max. working pressure	bar	5.45	
Shaft power	kW		
Efficiency	%		
Max absorbed power	kW	0.71826	

#### 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)		

<b>Motor</b>	Frame size	71		
Manufacturer / Type	SAER 71 2 - 0,55 1~			
Rated power	kW	0.55	Efficiency 4/4	0 %
Electric current	A	4.5 A	Speed	1/min 2950
Electric voltage	V	230 V	1~	Hz 50
Starting mode	Unknown			
Degree of protection	IP 44	Insulation class	F	

#### Dimensions in mm

a	23
DNA	G 1"
DNM	G 1"
f	237
H	180
h1	124
h2	156
m1	112
m2	90
n1	135
n2	112
od	7
w	64

The technical drawings show the pump from a front view (top) and a side view (bottom). The front view labels dimensions a, DNA, DN, h1, h2, H, n1, n2, and w. The side view labels dimensions a, f, m1, m2, and w.

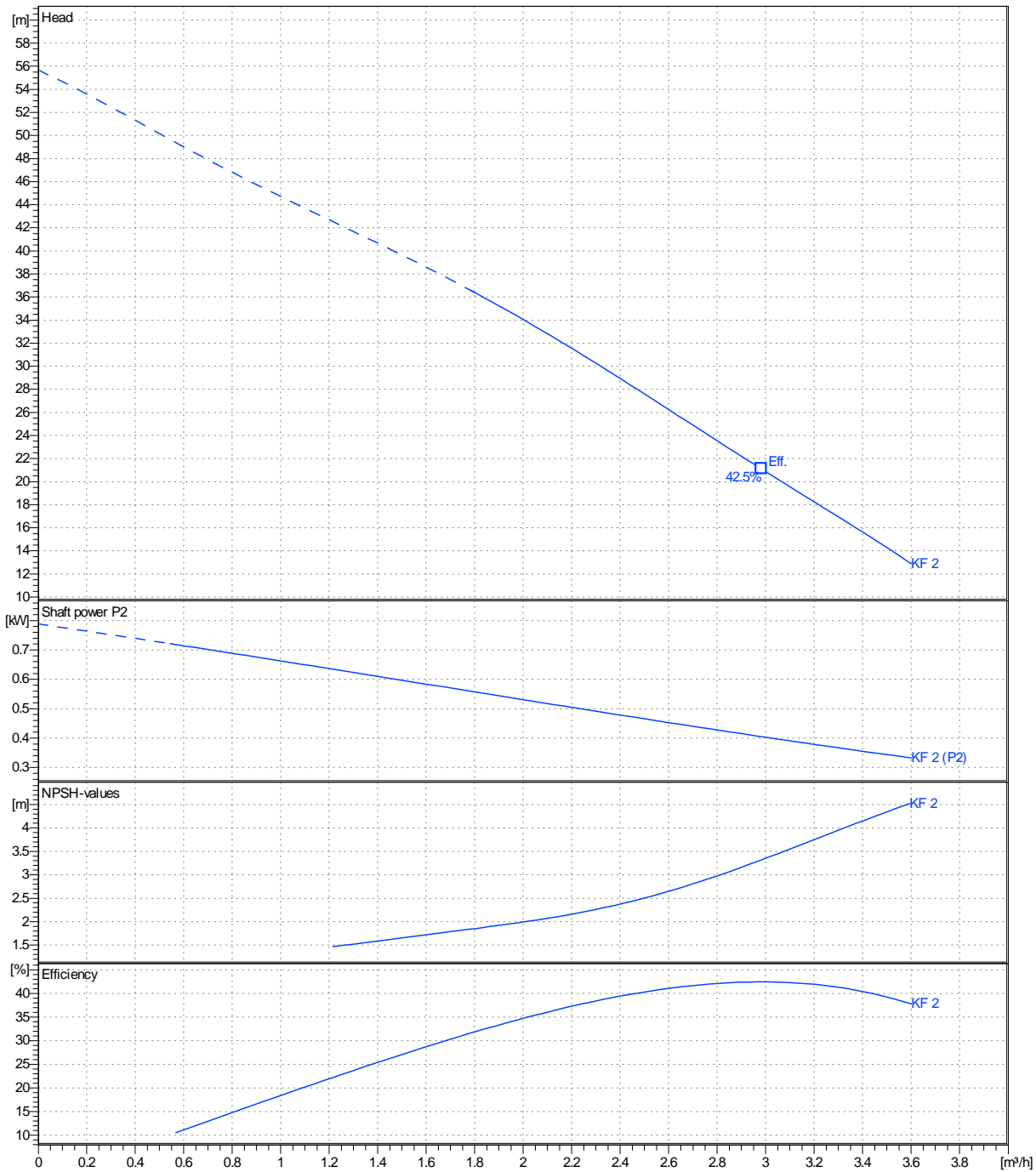
Remarks:				
Project	Project ID	Created by	Created on	Last update
			<b>2023-07-10</b>	

	<b>Receiver</b>	<b>From</b>
Company name		
Respons. Department		
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Phone number		
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E-mail address		

Operating area	Flow	Head	Impeller type	Peripheral impeller
Operating data specification	0 m <sup>3</sup> /h	0 m	Impeller construction	
Pump data	m <sup>3</sup> /h	m	Sense of rotation	Clockwise from the drive end
			Outlet width	G1"
	Flow: Min. Max. $\eta$ Max. m <sup>3</sup> /h m <sup>3</sup> /h m <sup>3</sup> /h		Shaft power P2: P2(Q=0) Max. $\eta$ Max. kW kW kW	
	1.8	3.6	2.98	55.6
				21.1
				0.718
				0.405
			Speed	1/min 2850
			Frequency	Hz 50 Hz

 Performance data based to: Water, pure [100%]; 20°C; 0.998kg/dm<sup>3</sup>; 1mm<sup>2</sup>/s

UNI EN ISO 9906:2012 - Grade 3B



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