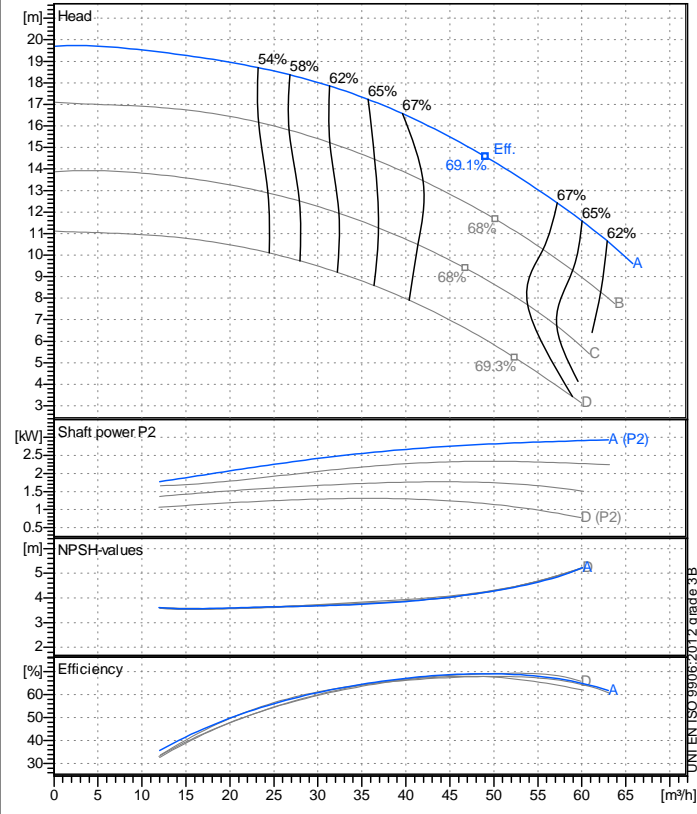


Company name  
Respons. Department  
Person in charge  
Phone number  
Fax no  
E-mail address

Receiver	From



**Operating data specification**

Nominal flow	m³/h 0
Nominal head	m 0
Static head	m 0
NPSH - v value 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

<b>Pump</b>		
Pump name	BP 7 A	
Size		
Design		
Speed 1/min	2850	
No of stages	1	
Impeller type		
Flow	Nominal	m³/h
	Max-	m³/h 65.8
	Min-	m³/h 0.0611
Head	Nominal	m
	Max-	m 19.7
	Min-	m 9.6
Head H(Q=0)	m 19.7	
NPSH 3%	m	
Max. working pressure	bar 1.93	
Shaft power	kW	
Efficiency	%	
Max absorbed power	kW 2.9372	

<b>Materials Pump</b>	
Shaft	Stainless steel AISI 431 (1.4057)
Impeller	Carbon steel G20Mn5 (1.6620)
Pump body	Cast iron EN-GJL-200
Support	Cast iron EN-GJL-200
OR	NBR Rubber
Mechanical seal	Q1VEG (SiC/AIO/EPDM)

**Dimensions in mm**

a	80
DNA	G 3"
DNM	G 3"
f	370
h1	130
h2	190
n1	240
n2	190
od	14
w	70

<b>Motor</b>	Frame size	100 L	
Manufacturer / Type	SAER	100 L 2 - 3 3~	
Rated power	kW 3	Efficiency 4/4	0 %
Electric current	A 7 A	Speed	1/min 2950
Electric voltage	V 400 V	3~	Hz 50
Starting mode	Unknown		
Degree of protection	IP 55	Insulation class	F

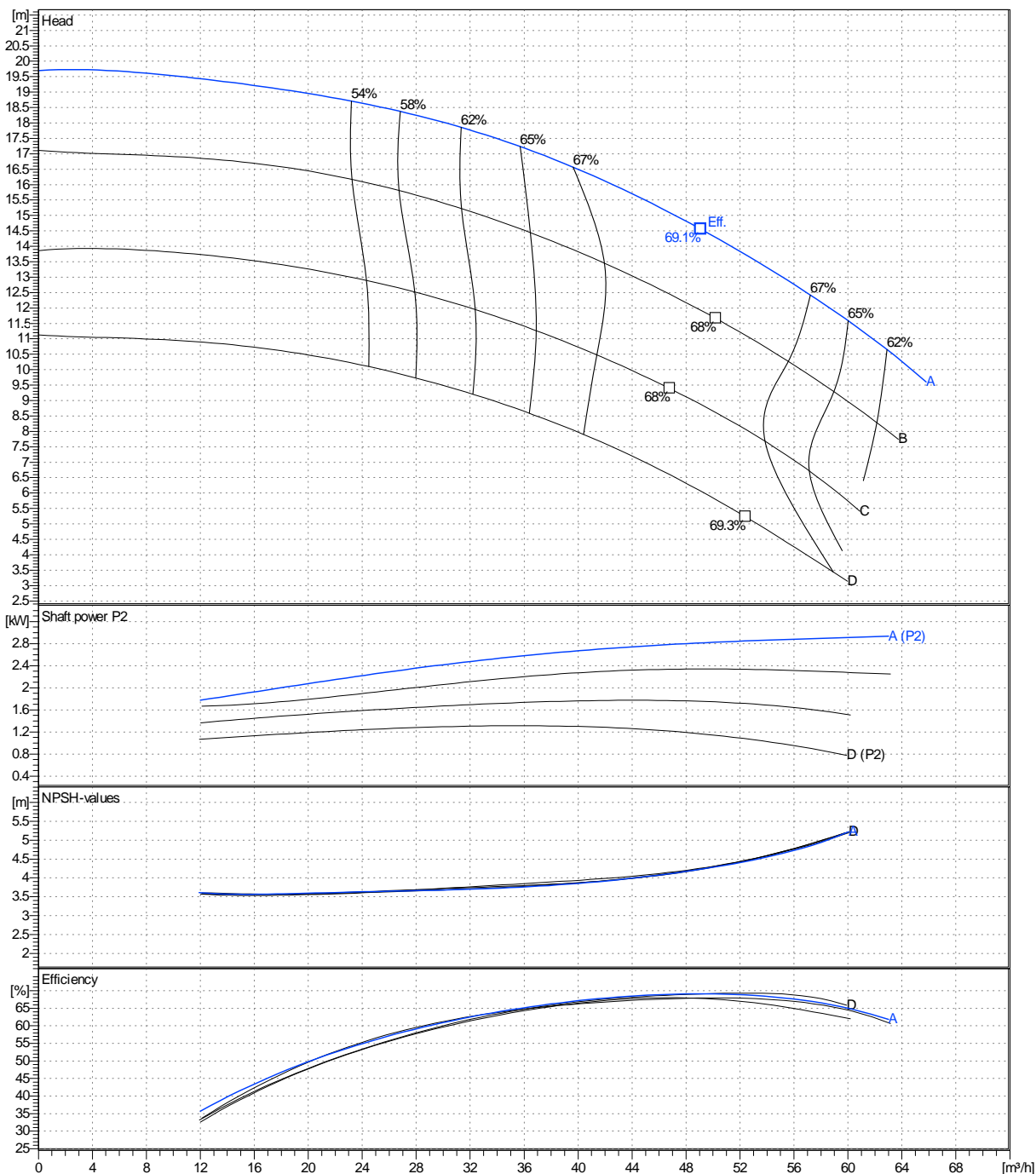
Remarks:				
Project	Project ID	Created by	Created on	Last update
			<b>2021-03-08</b>	

<b>Receiver</b>	<b>From</b>
Company name	
Respons. Department	
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Phone number	
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Operating area	Flow	Head	Impeller type
Operating data specification	0 m <sup>3</sup> /h	0 m	Impeller construction
Pump data	m <sup>3</sup> /h	m	Sense of rotation
			Outlet width
			G3"
			Speed
			1/min 2850
			Frequency
			Hz 50 Hz
	Flow	Head	Shaft power P2
	Min. Max. $\eta$ Max.	H(Q=0) $\eta$ Max.	P2(Q=0) Max. $\eta$ Max.
	m <sup>3</sup> /h m <sup>3</sup> /h m <sup>3</sup> /h	m m	kW kW kW
	0.0611 65.8 49.1	19.7 14.6	2.94 2.81

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



Project	Project ID	Created by	Created on	Last update
			2021-03-08	