Technical data
BP 7 D

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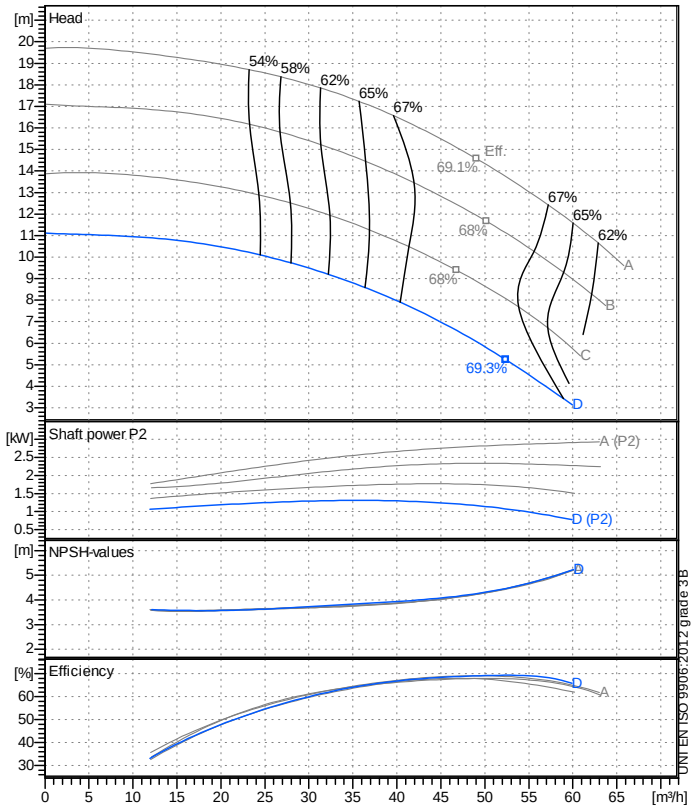
Receiver	From
Company name	
Respons. Department	
Person in charge	
Phone number	
Fax no	
E-mail address	



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/dm³	0.9983
Kin. viscosity at t A	mm²/s	1.005

Pump

Pump name			BP 7 D	
Size				
Design				
Speed	1/min	2850	No of stages	1
Impeller type				
Flow	Nominal		m³/h	
	Max-		m³/h	60
	Min-		m³/h	0
Head	Nominal		m	
	Max-		m	11.1
	Min-		m	3.14
Head H(Q=0)			m	11.1
NPSH 3%			m	
Max. working pressure			bar	1.09
Shaft power			kW	
Efficiency			%	
Max absorbed power			kW	1.312

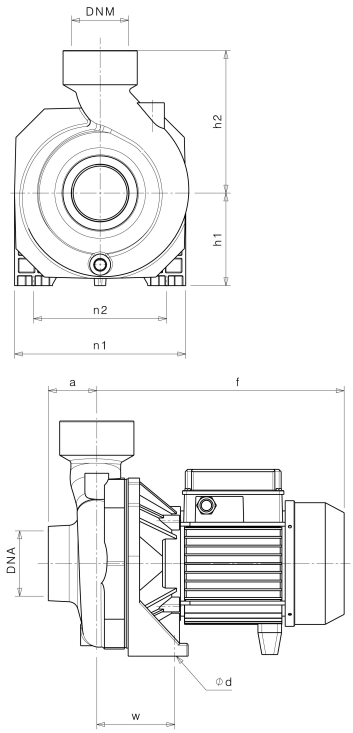
Materials Pump

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/AlO/EPDM)

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	1/min	2950
Electric voltage	V	400 V	3~	Hz	50
Starting mode		Unknown			
Degree of protection		IP 44	Insulation class		F

Dimensions in mm

a	80
DNA	G 3"
DNM	G 3"
f	335
h1	130
h2	190
n1	240
n2	190
od	14
w	70



Remarks:

Project	Project ID	Created by	Created on	Last update
			2024-06-25	

Performance curves
BP 7 D

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

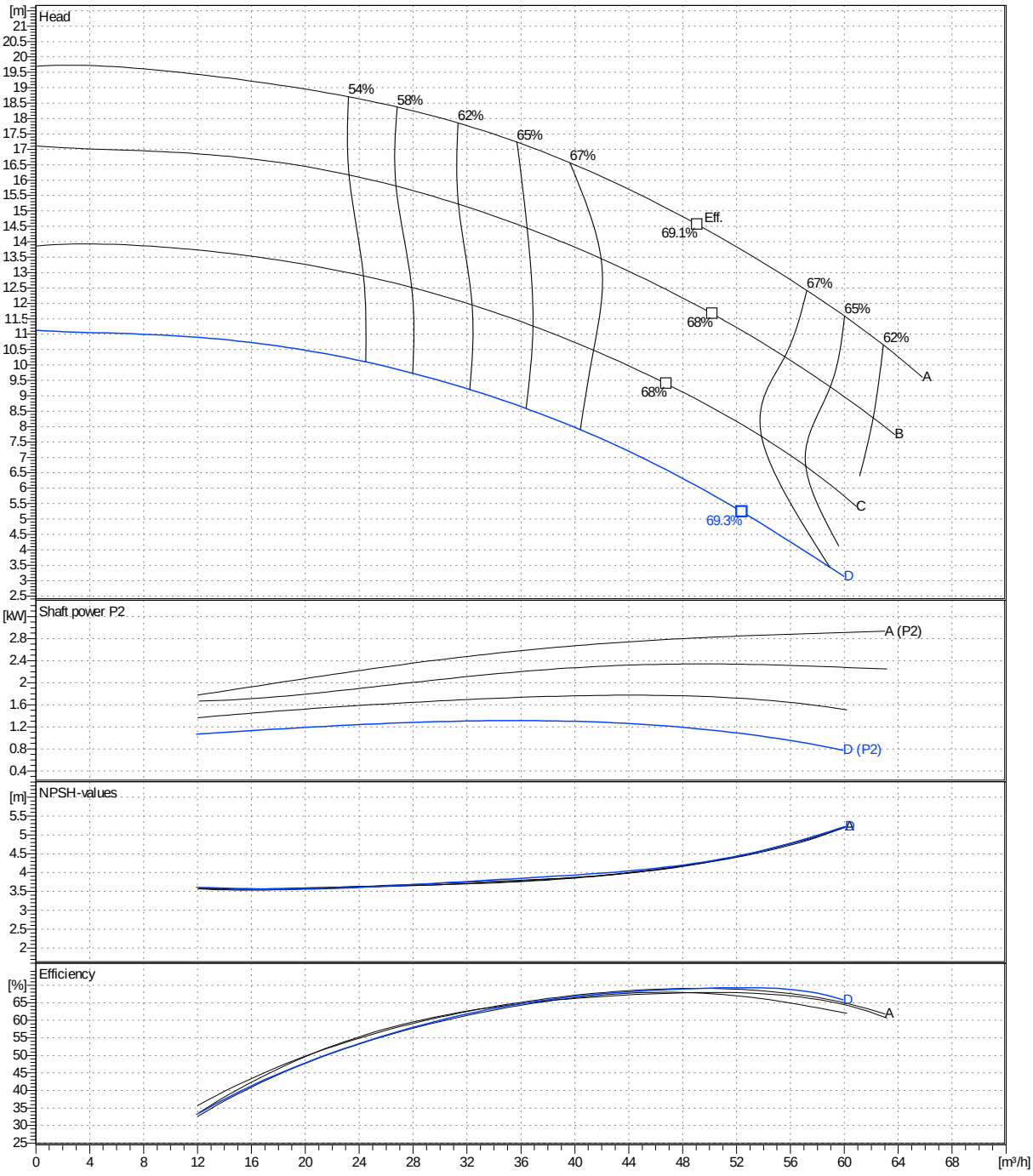
Operating area	Flow		Head	
Operating data specification	0	m³/h	0	m
Pump data		m³/h		m

	Flow			Head		Shaft power P2		
	Min.	Max.	η Max.	H(Q=0)	η Max.	P2(Q=0)	Max.	η Max.
	m³/h	m³/h	m³/h	m	m	kW	kW	kW
	0	60	52.4	11.1	5.22		1.31	1.08

Impeller type	
Impeller construction	Closed
Sense of rotation	Clockwise from the drive end
Outlet width	G3"
Speed 1/min	2850
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



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			2024-06-25	