Technical data
FC 30-2C

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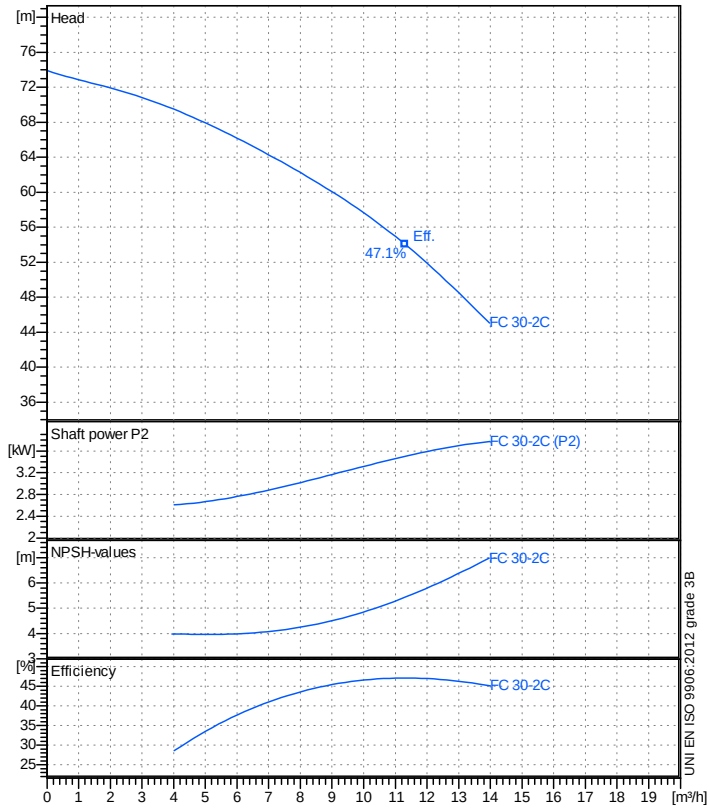
Receiver	From
Company name	
Respons. Department	
Person in charge	
Phone number	
Fax no	
E-mail address	



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			FC 30-2C	
Size				
Design				
Speed	1/min	2850	No of stages	2
Impeller type				
Flow		Nominal	m³/h	
		Max-	m³/h	14
		Min-	m³/h	0
Head		Nominal	m	
		Max-	m	73.9
		Min-	m	45
Head H(Q=0)			m	73.9
NPSH 3%			m	
Max. working pressure			bar	7.24
Shaft power			kW	
Efficiency			%	
Max absorbed power			kW	3.7728

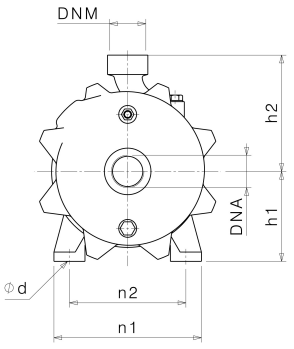
Materials Pump

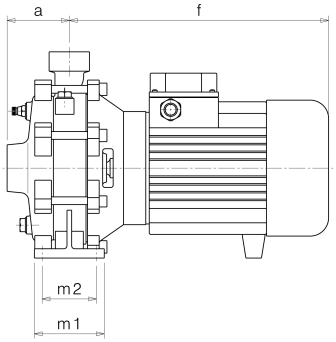
Shaft	Stainless steel AISI 431 (1.4057)
Impeller	Brass
Pump body	Cast iron EN-GJL-200
Support	Aluminium
OR	NBR Rubber
Mechanical seal	Q1VEG (SiC/AlO/EPDM)

Motor		Frame size	112 M		
Manufacturer / Type					
Rated power	kW	4	Efficiency 4/4		0 %
Electric current	A		Speed	1/min	2950
Electric voltage	V	400 V	3~	Hz	50
Starting mode		Unknown			
Degree of protection		IP 55	Insulation class		F

Dimensions in mm

a	91
DNA	G 1 1/2"
DNM	G 1 1/4"
f	396
h1	132
h2	170
m1	100
m2	70
n1	240
n2	170
ød	14





Remarks:

Project	Project ID	Created by	Created on	Last update

Performance curves
FC 30-2C

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

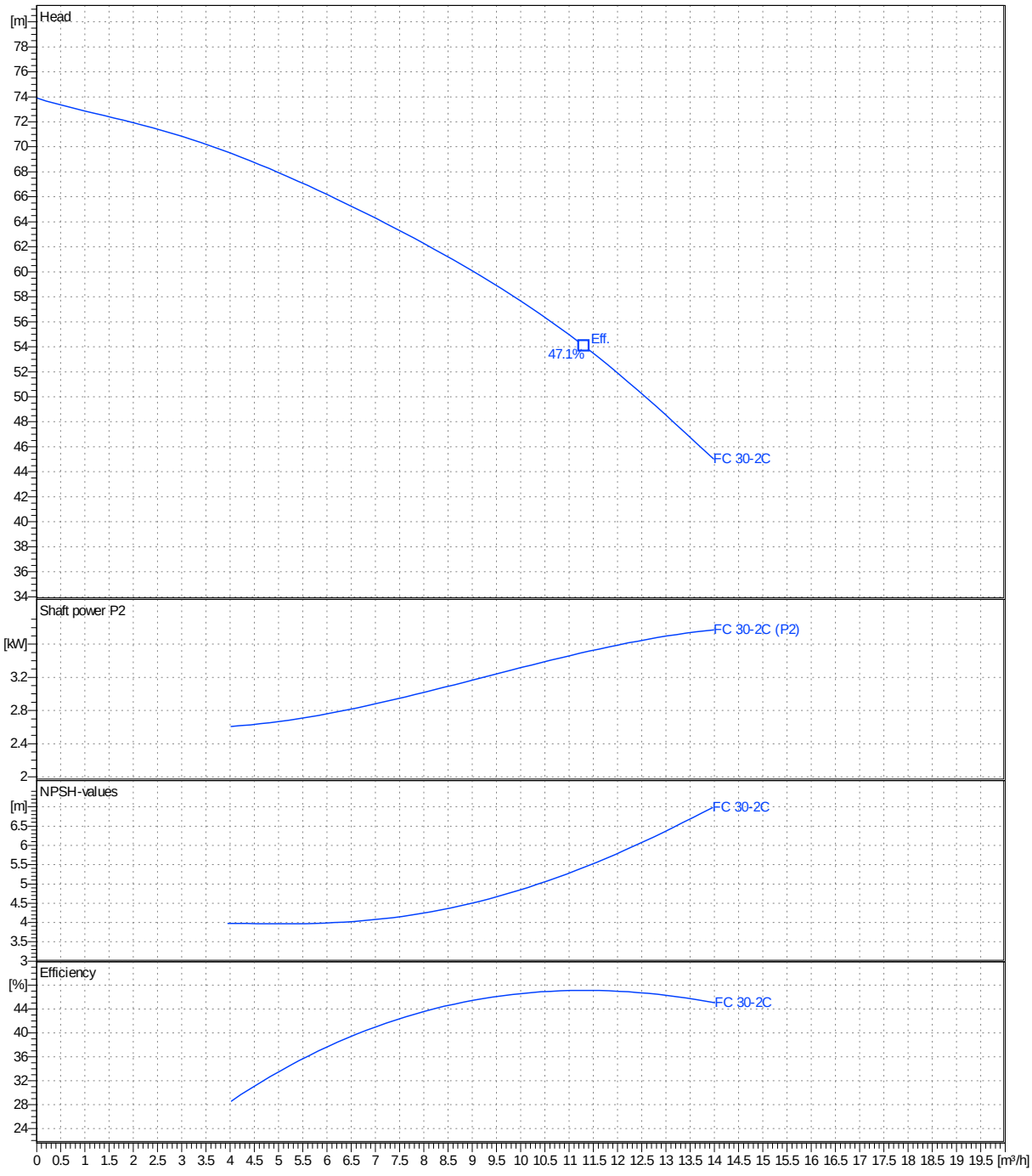
	Flow		Head	
Operating area				
Operating data specification	0	m³/h	0	m
Pump data		m³/h		m

	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	14	11.3	73.9	54		3.77	3.5

Impeller type		
Impeller construction		
Sense of rotation	Clockwise from the drive end	
Outlet width	G1¼"	
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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