Technical data
M 70

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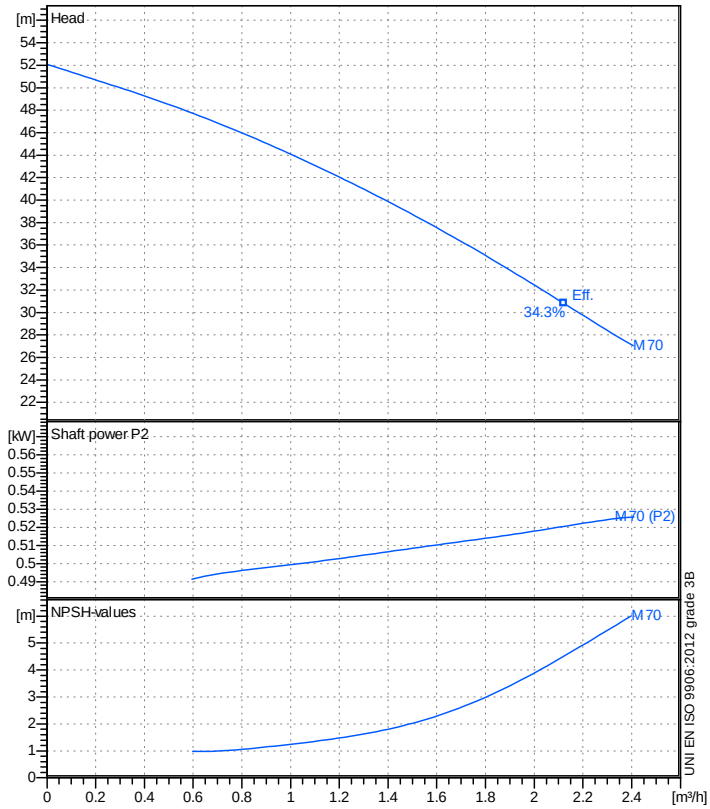
	Receiver	From
Company name		
Respons. Department		
Person in charge		
Phone number		
Fax no		
E-mail address		



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		M 70		
Size				
Design				
Speed 1/min	2850	No of stages	1	
Impeller type				
Flow	Nominal		m³/h	
	Max-		m³/h	2.41
	Min-		m³/h	0.00276
Head	Nominal		m	
	Max-		m	52.1
	Min-		m	27
Head H(Q=0)			m	52.1
NPSH 3%			m	
Max. working pressure			bar	5.1
Shaft power			kW	
Efficiency			%	
Max absorbed power			kW	0.52577

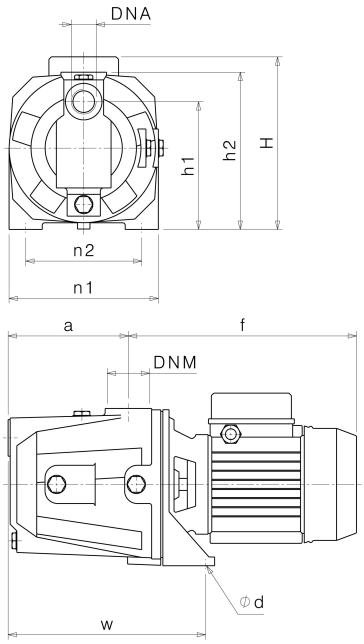
Materials Pump

Pump body	Cast iron G20
Plug	Brass
Gasket	Aluminium
Nut	Brass
Impeller	Thermoplastic resin
Rotating mechanical seal	Graphite
Fixed mechanical seal	Ceramic
OR	Rubber NBR
Seal retaining disc	Stainless steel AISI 304

Motor		Frame size		71	
Manufacturer / Type					
Rated power	kW	0.55	Efficiency 4/4		0 %
Electric current	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	144
DNA	G 1"
DNM	G 1"
f	277
H	207
h1	154
h2	188
n1	180
n2	140
ød	9
w	240



Remarks:

Project	Project ID	Created by	Created on	Last update

Performance curves
M 70

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

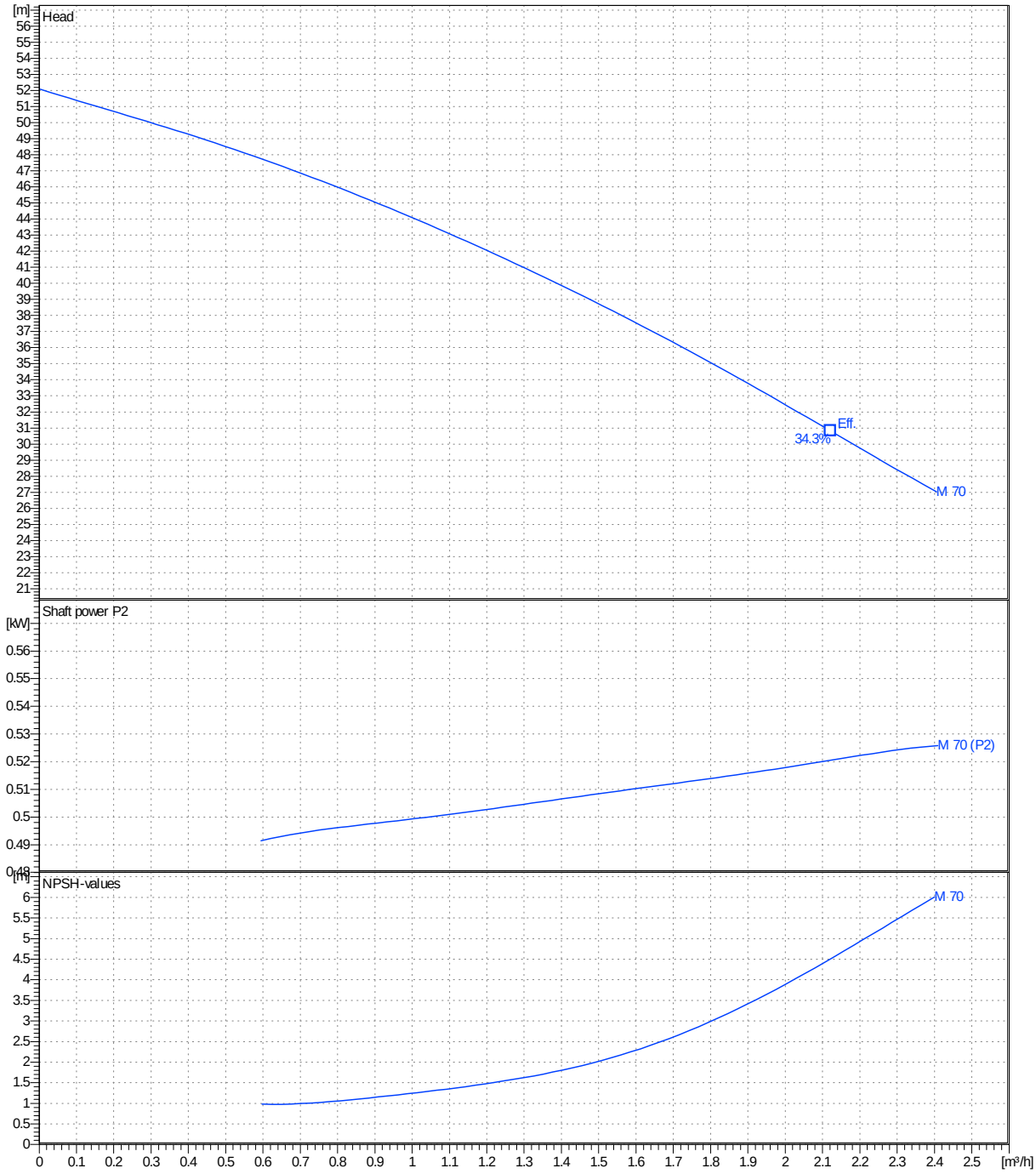
Operating area	Flow	Head
Operating data specification	0 m³/h	0 m
Pump data	m³/h	m

Impeller type	
Impeller construction	
Sense of rotation	Clockwise from the drive end
Outlet width	G1"
Speed 1/min	2850
Frequency Hz	50 Hz

	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
	0.00276	2.41	2.12	52.1	30.8		0.526	0.521

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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