Technical data
M 150

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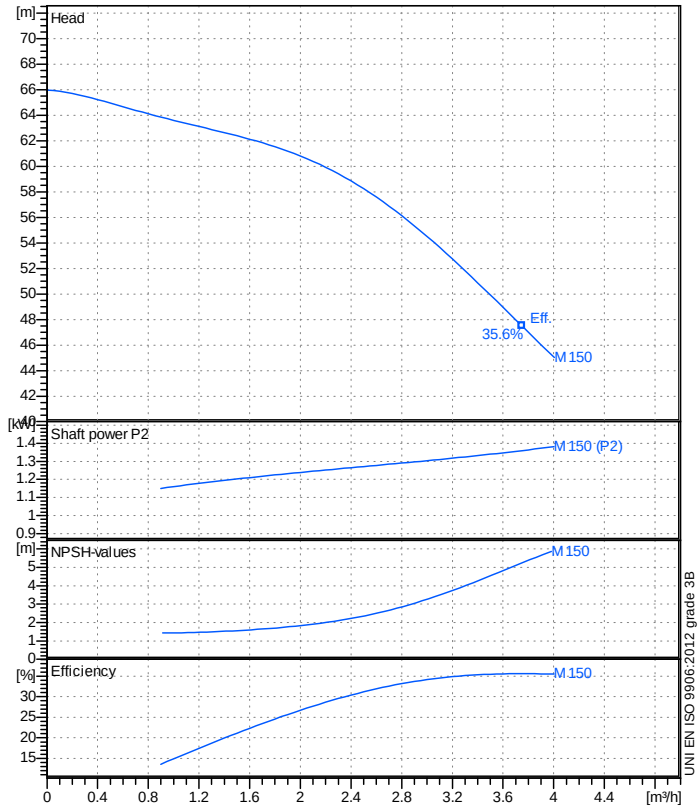
	Receiver	From
Company name		
Respons. Department		
Person in charge		
Phone number		
Fax no		
E-mail address		



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 150		
Size				
Design				
Speed 1/min	2850	No of stages	1	
Impeller type				
Flow	Nominal		m³/h	
	Max-		m³/h	4
	Min-		m³/h	0.00118
Head	Nominal		m	
	Max-		m	66
	Min-		m	45
Head H(Q=0)			m	66
NPSH 3%			m	
Max. working pressure			bar	6.46
Shaft power			kW	
Efficiency			%	
Max absorbed power			kW	1.3814

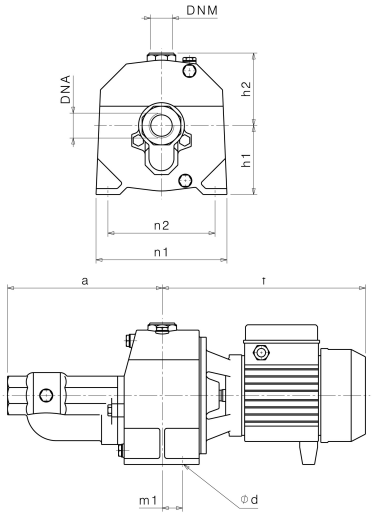
Materials Pump

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
Drop guard	Rubber

Motor		Frame size		80	
Manufacturer / Type					
Rated power	kW	1.1	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	260
DNA	G 1 1/2 "
DNM	G 1"
f	341
h1	114
h2	121
m1	34
n1	220
n2	180
ød	11



Remarks:

Project	Project ID	Created by	Created on	Last update

Performance curves
M 150

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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

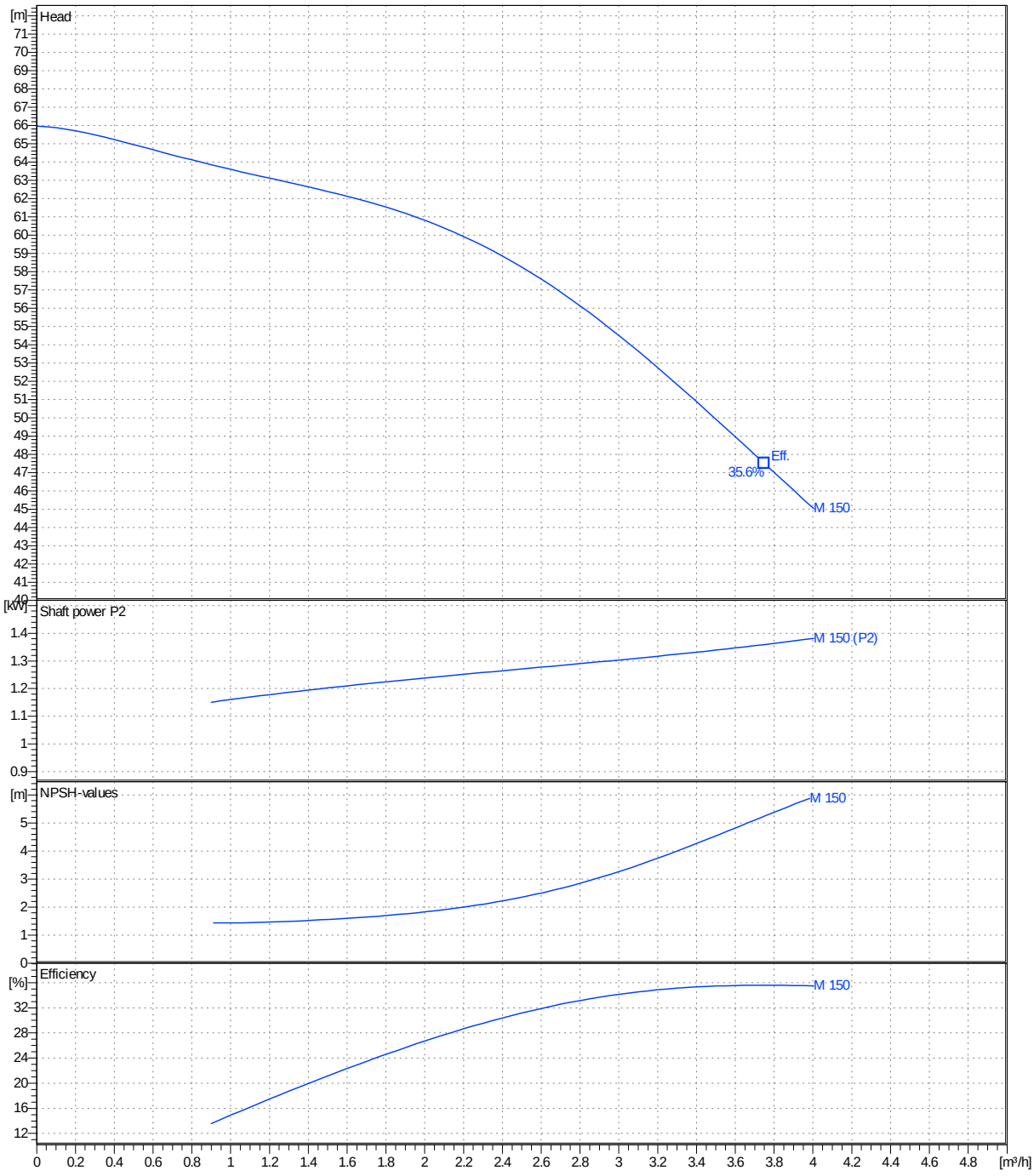
Impeller type	
Impeller construction	
Sense of rotation	Clockwise from the drive end
Outlet width	G1"

	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
	0.00118	4	3.75	66	47.5		1.38	1.36

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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