

Technical Data

Pump Name

DWO 200 M

Customer	Date	2024-06-13	Company
Contact	Item no.		Issued by
Phone	Project		Phone
E-mail	Project ID	Proiect redenumit 2024-06-13 20:42:34	E-mail

Requested data

1	Pump type	CENTRIFUGAL PUMPS	Fluid	Water
2	Number of pumps / Reserve	1 / 0	Liquid temperature °C	20
3	Flow m³/h		Kin. viscosity mm²/s	1.005
4	Head m		Vapour pressure bar	0.0234
5	Geodetic head m		PH value	
6	Inlet pressure (pin) bar	0	Density kg/m³	998.3
7	Available system NPSH		Solids Weight %	0
8	Ambient temperature °C	20		

Pump

9	Pump Name	DWO 200 M	Frequency Hz	50
10	Design	CENTRIFUGAL PUMPS	Installation type	STANDARD
11	Manufacturer	EBARA	Impeller Diameter	Max. mm 103
12	Speed rpm	2800		Designed mm 103
13	No. of Stage	1		Min. mm 103
14	Connection Suction side		Flow	Operating m³/h
15	Connection Discharge side			Max- m³/h 45
16	Max Working Pressure bar	8		Min- m³/h 6
17	Shut-off head bar	1.29	Head	Operating m
18	Total weight kg	See the table of "Dimensions".		- (Qmax.) m 5.8
19	Shaft power kW			- (Qmin.) m 12.8
20			Max. Shaft Power at max. impeller kW	1.22
21	Required pump NPSH m		Efficiency %	

Materials

22	Impeller	AISI 304		
23	Casing	AISI 304		
24	Shaft	AISI 304		
25				
26				
27				

Motor

28	Manufacturer	EPE Standard	Insulation class	F
29	Type	TEFC_DWO 200 M_230_Single Phase	Phases	1~
30	Specific design	IE2 / 50 Hz / Pole pairs 1	Frame size	
31	Rated power kW	1.5	Weight kg	
32	Number of poles	2	Electric voltage V	230
33	Speed rpm	2800	Electric current A	9
34	Degree of protection	IP 55		
35				

Remarks

Performance Curve

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Requested data

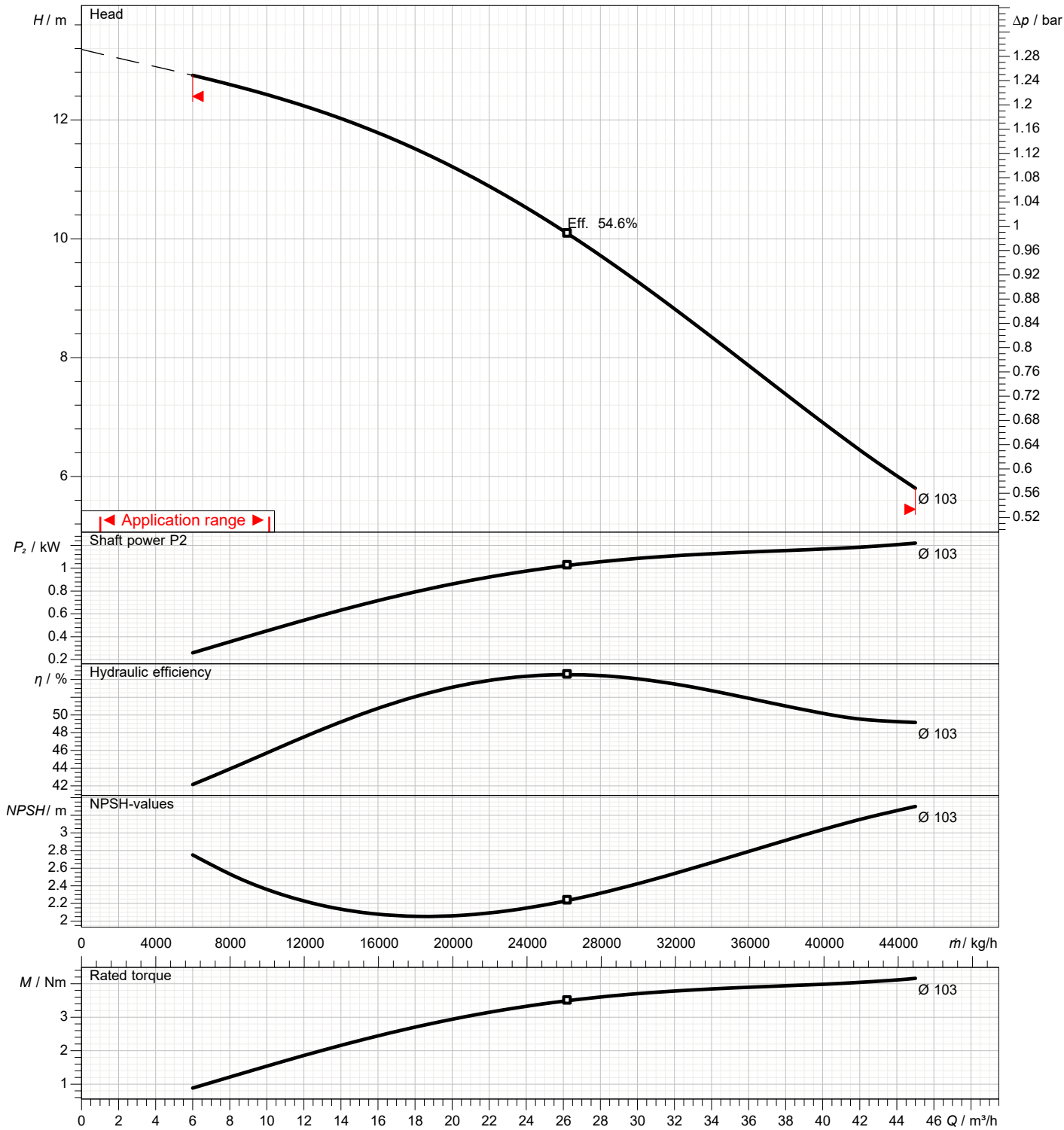
1	Flow	m³/h	
2	Head	m	
3	Geodetic head	m	

Pump

Operating flow	m³/h		Frequency	Hz	50
Operating head	m		Number of poles		2
Impeller diameter designed	mm	103	Speed	rpm	2800

Test standard: ISO 9906:2012 - Grade3B

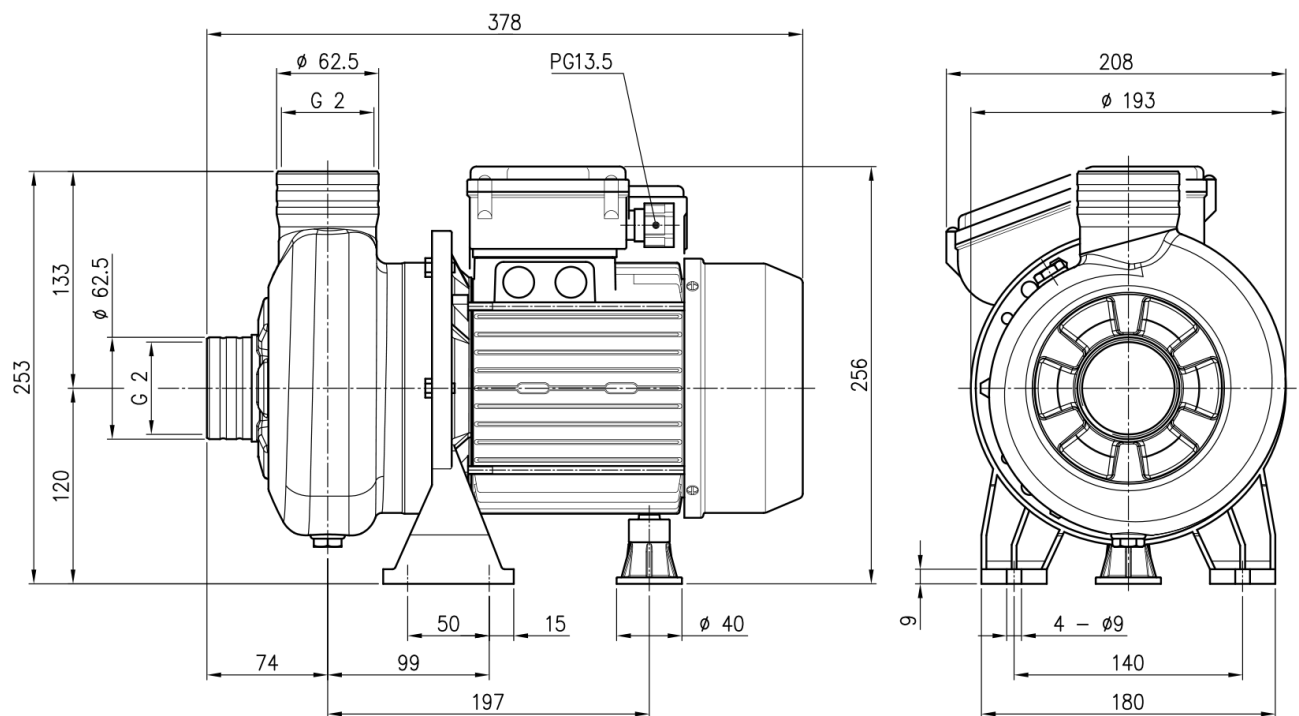
Water; 20°C; 998.3kg/m³; 1mm²/s



Dimensions

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Dimensions in mm								
1	Weight P&M	17 kg						
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								
13								
14								
15								

(1/3)

Construction

Pump Name

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Construction

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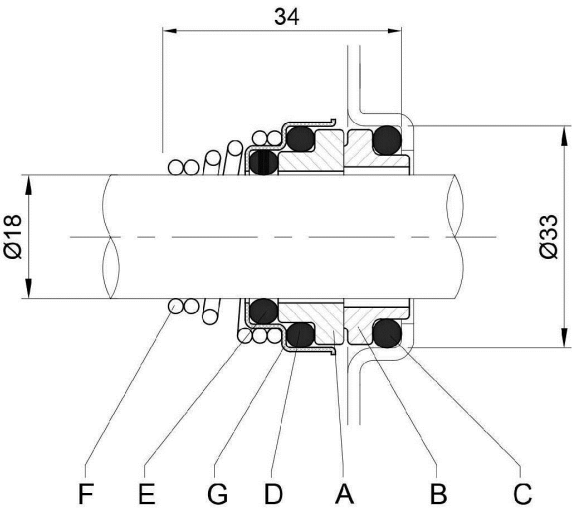
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Construction

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REF	PART NAME	MATERIAL Standard
A	Rotary seal ring	Ceramic
B	Stationary seal ring	Carbon graphite
C	O-ring	NBR
D	O-ring	NBR
E	O-ring	NBR
F	Self driving spring	AISI 316
G	Frame	AISI 304