

Technical Data

Pump Name

EGO C 100

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

Pump

9	Pump Name	EGO C 100	Frequency	Hz	50	
10	Design	FLANGED CIRCULATORS	Installation type		Single Circolation	
11	Manufacturer	EBARA	Impeller Diameter	Max.	mm	
12	Speed	rpm		3000	Designed	mm
13	No. of Stage			1	Min.	mm
14	Connection	Suction side	Flow	Operating	m³/h	
15	Connection	Discharge side		Max-	m³/h	78
16	Max Working Pressure	bar		10	Min-	m³/h
17	Shut-off head	bar	1.37	Head	Operating	m
18	Total weight	kg	See the table of "Dimensions".		- (Qmax.)	m
19	Shaft power	kW			- (Qmin.)	m
20				Max. Shaft Power at max. impeller	kW	1.58
21	Required pump NPSH	m		Efficiency	%	

Materials

22	Impeller	AISI 304		
23	Casing	Gray cast iron with cataphoresis protection		
24	Shaft	AISI 431		
25				
26				
27				

Motor

28	Manufacturer	EPE Standard	Insulation class	F	
29	Type	EGO C 100_230_Single Phase	Phases	1~	
30	Specific design	- / 50 Hz / Pole pairs 1	Frame size		
31	Rated power	kW	Weight	kg	
32	Number of poles	2	Electric voltage	V	
33	Speed	rpm	3000	Electric current	A
34	Degree of protection	IP 44			
35					

Remarks

Performance curve

Pump name EGO C 100

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

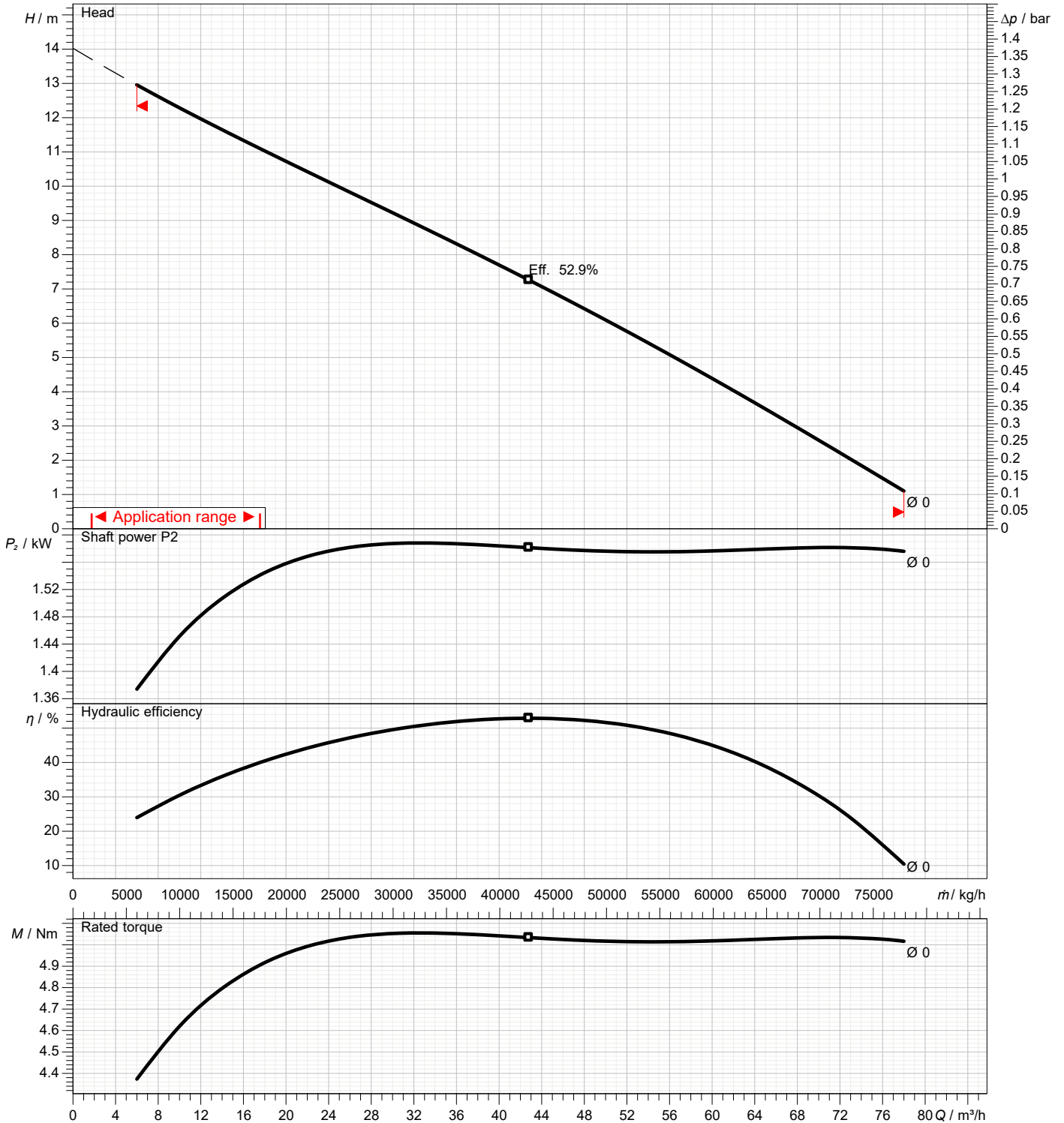
Requested data

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

Pump

Operating flow	m ³ /h		Impeller Diameter Designed	mm	
Operating head	m		Frequency	Hz	50
			Speed	rpm	3000

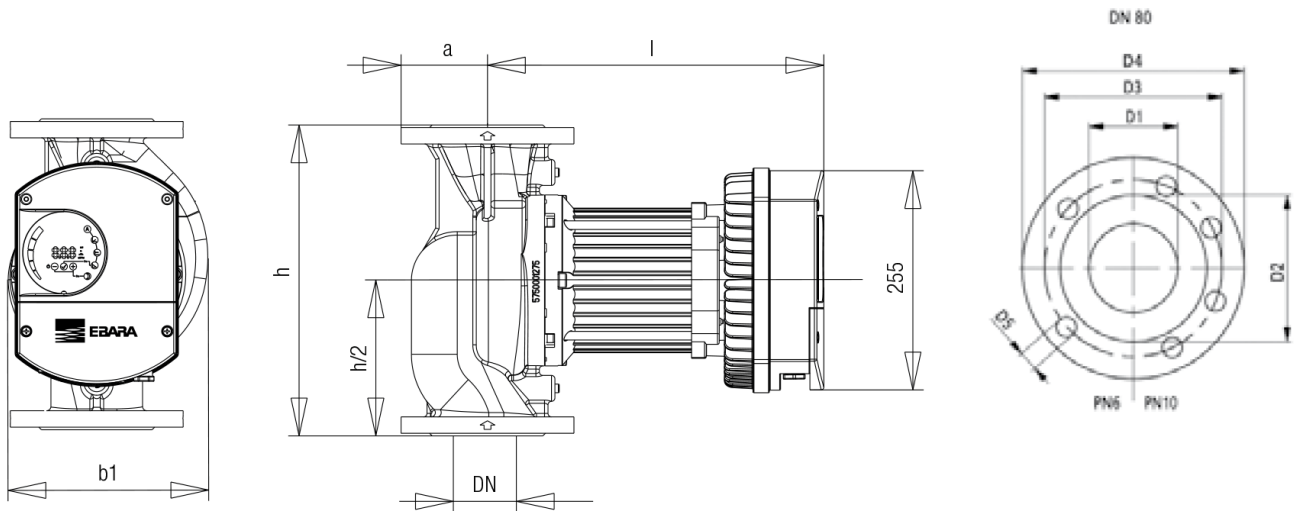
Water; 20°C; 998.3kg/m³; 1mm²/s



Dimensions

Pump name EGO C 100

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



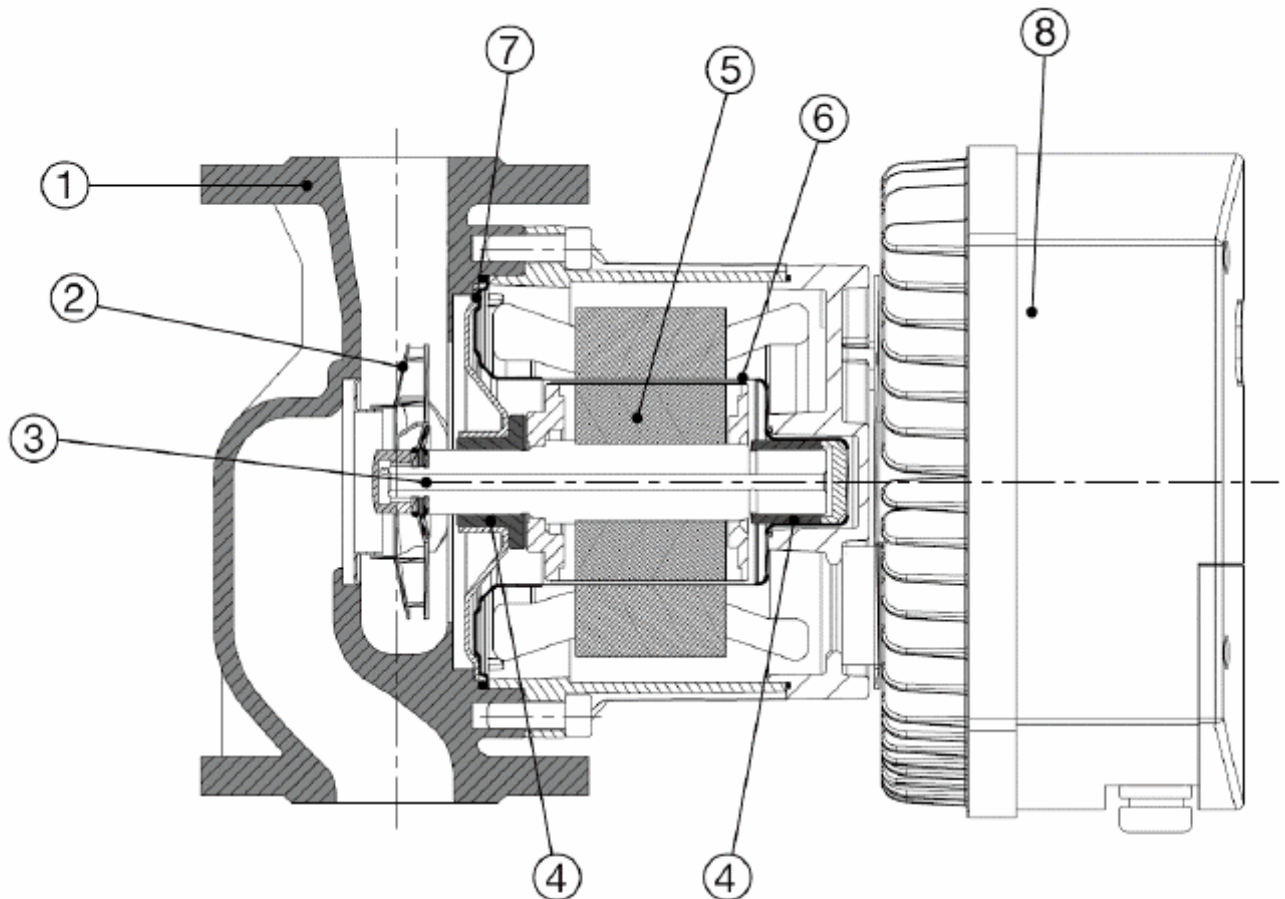
Dimensions in mm		
1	a	110
2	b1	230
3	D1	100
4	D3	180
5	D4	200
6	D5	19
7	DN	100
8	h	360
9	l	403
10	Weight P&M	46 kg
11		
12		
13		
14		
15		

(1/1)

Construction

Pump name EGO C 100

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



N°	Name	Material
1	Pump body	Cast iron with cataphoresis coating
2	Impeller	AISI 304
3	Shaft	AISI 431
4	Bearings	Graphite
5	Rotor	Coated in Stainless Steel
6	Rotor can	AISI 316 Stainless Steel
7	Bearing plate	AISI 316 Stainless Steel
8	Electronic board	-