

Performance according to ISO 9906:2012 – Grade 3B

Power data referred to:

Water, pure [100%]; 4°C; 1000kg/m³; 1.57mm²/s

Liquid temperature:

-10°C (14°F) to +110 °C (230°F) for heating pumps

-10°C (14°F) to +85 °C (185°F) for domestic hot water pumps



Pump data

Make	Lowara
Port to port (mm)	280
Electrical connection	Terminals
Specific EEI	<= 0,23
Nominal pressure	PN 6/10
Connection	Flanged / DN 50

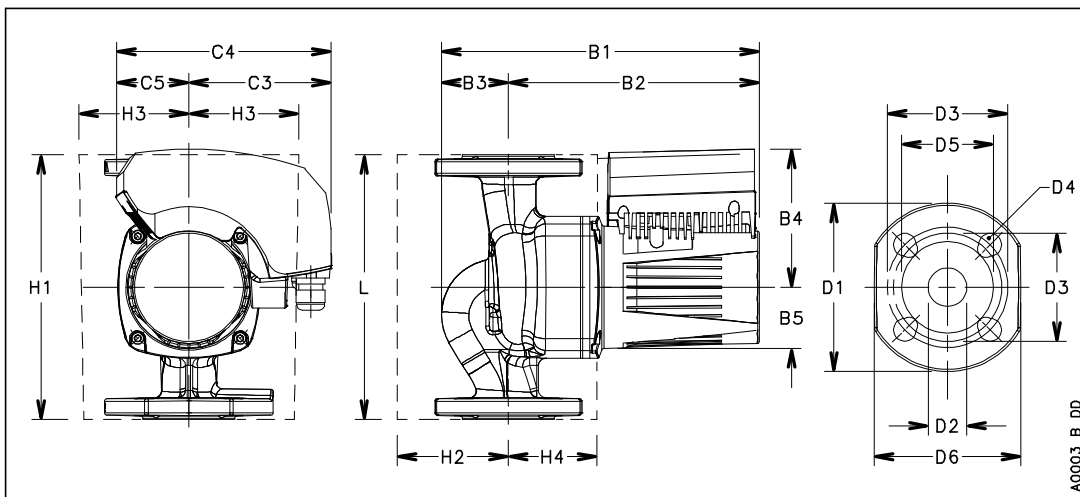
Electrical data

Rated voltage	230 V
Frequency	50 / 60
Protection class	IP 44
Insulation class	F
Digital input	Contact load: 5V, 10 mA
Digital output	Vmax < 250 VAC / Imax < 2 A
Analog input	0-10 V / 4-20 mA
Leakage current	< 3.5 mA
Communication capabilities	Modbus RTU & BACnet MS/TP
Sound pressure level	<= 48 dB(A)
Rated current	1.6 A

Materials

Bush Bearing	Carbon, resin impregnated	Impeller	PPS
Thrust bearing	Aluminium	Wear Ring	Stainless steel
Bearing plate	Stainless steel	Rotor can	Stainless steel
Motor housing	Aluminum	Shaft	Stainless steel
O-rings	EPDM	Control box	Poly carbonate
PUMP HOUSING	Cast Iron		

Dimensions mm



B1	337
B2	265
B3	72
B4	130
B5	51
C3	128
C4	209
C5	81
D1	165
D2	50
D3	110/125
D4	4 x 14/19
D5	99
G	DN 50
Gross Weight	30.3
H1	280
H2	96
H3	104
H4	95
L	280
Net Weight	16.8