

Looking ahead,
going beyond expectations
Ahead > Beyond



Ego

Data Book 50/60Hz



CONTENTS

Rev. C

	Page
- SPECIFICATIONS	200
SELECTION CHART	201
TYPE KEY and CURVE SPECIFICATIONS	207
PERFORMANCE CURVE Ego W1	209
PERFORMANCE CURVE Ego W2	210
PERFORMANCE CURVE Ego 2 and Ego 2 Tech	211
PERFORMANCE CURVE Ego T	212
PERFORMANCE CURVE Ego 2 easy	213
PERFORMANCE CURVE Ego 2 slim	214
PERFORMANCE CURVE Ego W B and Ego W BT	218
PERFORMANCE CURVE Ego B	219
PERFORMANCE CURVE Ego 2 B easy	220
PERFORMANCE CURVE Ego 2 B slim	221
- OPERATING MODES AND COMMUNICATION MODULE	300
PROPORTIONAL PRESSURE	300
CONSTANT PRESSURE	300
CONSTANT SPEED	300
AUTOMATIC MODE	301
NIGHT MODE	301
COMMUNICATION MODULE	302
- CONSTRUCTIONS	400
SECTIONAL VIEW Ego W1	401
SECTIONAL VIEW Ego W2	402
SECTIONAL VIEW Ego 2 and Ego 2 Tech	403
SECTIONAL VIEW Ego T	404
SECTIONAL VIEW Ego 2 easy	405
SECTIONAL VIEW Ego 2 slim	406
SECTIONAL VIEW Ego W B/BT	407
SECTIONAL VIEW Ego B	408
SECTIONAL VIEW Ego 2 B easy	409
SECTIONAL VIEW Ego 2 slim	410
- DIMENSIONS and WEIGHT	500
PUMP	
- TECHNICAL DATA	600
MOTOR DATA	

SPECIFICATIONS

Rev. C

PUMP		
Liquid Handled	Type of liquid	Clean water
	Temperature [°C]	min. -10 for Ego 2, Ego 2 easy, Ego 2 slim, Ego W2, MR B min. +5 for Ego W1, Ego WB max. +110 for Ego W, Ego 2, Ego 2 easy, Ego 2 slim max. + 65 for Ego WB(T), Ego (2) B, MR B
Maximum working pressure [MPa]		1.0
Construction	Impeller	Closed centrifugal type
	Bearing	Sealed bearing
Pipe Connection	Suction	from DN 15 to DN 100 UNI ISO 228-1
	Discharge	from DN 15 to DN 100 UNI ISO 228-1
Material	Casing	Cast iron - EN 1.4301 (AISI 304)
	Impeller	PA - PES
	Bearing	Graphite
	Shaft	AISI 316
	Rotor can	AISI 316
Applicable standard of test		ISO 9906:2012 – Grade 3B

MOTOR		
Type	PM motors	
	Single Phase	
Efficiency level (EEI)	< 0,21	
No. of Poles	2	
Rotation speed [min ⁻¹]	≈ 3600	
Insulation Class	F	
Protection degree (CEI EN 60034-5)	IP 44	
Power rating	[kW]	0.003 ÷ 1.550
	[HP]	0.5 ÷ 2
Frequency [Hz]	50 ÷ 60	
Voltage [V]	230 ±10%	
Dimensions of cable entry		
	(see dimensions table page 600)	

SELECTION CHART

Rev. C

SELECTION CHART
Ego W1, Ego W2, Ego 2 (TECH)

Pump Type	Q=Capacity							
	l/min	0	10	20	30	40	50	60
	m³/h	0	0,6	1,2	1,8	2,4	3,0	3,6
	H=Total manometric head in meters							
Ego W1 15/40-130	4,0	3,2	2,3	1,5	0,8	-	-	
Ego W1 15/40-180	4,0	3,2	2,3	1,5	0,8	-	-	
Ego W1 25/40-130	4,0	3,2	2,3	1,5	0,8	-	-	
Ego W1 25/40-180	4,0	3,2	2,3	1,5	0,8	-	-	
Ego W1 15/60-130	6,0	5,8	3,9	3,0	2,3	1,4	-	
Ego W1 15/60-180	6,0	5,8	3,9	3,0	2,3	1,4	-	
Ego W1 25/60-130	6,0	5,8	3,9	3,0	2,3	1,4	-	
Ego W1 25/60-180	6,0	5,8	3,9	3,0	2,3	1,4	-	
Ego W2 15/60-130	6,0	6,0	5,6	4,3	3,0	1,5	-	
Ego W2 15/60-180	6,0	6,0	5,6	4,3	3,0	1,5	-	
Ego W2 25/60-130	6,0	6,0	5,6	4,3	3,0	1,5	-	
Ego W2 25/60-180	6,0	6,0	5,6	4,3	3,0	1,5	-	
Ego W2 15/80-130	8,0	8,0	8,0	7,3	6,0	4,8	3,5	
Ego W2 15/80-180	8,0	8,0	8,0	7,3	6,0	4,8	3,5	
Ego W2 25/80-130	8,0	8,0	8,0	7,3	6,0	4,8	3,5	
Ego W2 25/80-180	8,0	8,0	8,0	7,3	6,0	4,8	3,5	
Ego W2 32/80-180	8,0	8,0	8,0	7,3	6,0	4,8	3,5	
Ego 2 (Tech) 15/40-130	4,2	3,4	2,6	1,6	0,7	-	-	
Ego 2 (Tech) 25/40-130	4,2	3,4	2,6	1,6	0,7	-	-	
Ego 2 (Tech) 15/60-130	6,1	5,4	4,5	3,6	2,7	1,8		
Ego 2 (Tech) 25/60-130	6,1	5,4	4,5	3,6	2,7	1,8		
Ego 2 (Tech) 25/80-130	8,1	7,2	6,2	5,1	4,0	2,9	1,7	
Ego 2 (Tech) 25/40-180	4,2	3,4	2,6	1,6	0,7	-		
Ego 2 (Tech) 32/40-180	4,2	3,4	2,6	1,6	0,7	-		
Ego 2 (Tech) 25/60-180	6,1	5,4	4,5	3,6	2,7	1,8		
Ego 2 (Tech) 32/60-180	6,1	5,4	4,5	3,6	2,7	1,8		
Ego 2 (Tech) 25/80-180	8,1	7,2	6,2	5,1	4,0	2,9	1,7	
Ego 2 (Tech) 32/80-180	8,1	7,2	6,2	5,1	4,0	2,9	1,7	

SELECTION CHART

Rev. C

SELECTION CHART Ego T

Pump Type	Q=Capacity							
	l/min	0	10	20	30	40	50	60
	m ³ /h	0	10	20	30	40	50	60
	H=Total manometric head in meters							
Ego T 25/60-180		5,9	4,9	4,1	3,2	2,4	1,5	0,7
Ego T 32/60-180		5,9	4,9	4,1	3,2	2,4	1,5	0,7
Ego T 25/80-180		7,9	7,0	6,0	5,0	4,1	2,9	1,7
Ego T 32/80-180		7,9	7,0	6,0	5,0	4,1	2,9	1,7

SELECTION CHART

Rev. C

SELECTION CHART Ego 2 (T) (B) easy

Pump Type	Q=Capacity										
	l/min	0	20	40	60	80	100	120	140	160	180
	m³/h	0	1,2	2,4	3,6	4,8	6,0	7,2	8,4	9,6	10,8
	H=Total manometric head in meters										
Ego 2 easy 25-40	4,1	3,8	3,5	2,9	2,2	1,2	-	-	-	-	-
Ego 2 easy 25-60	6,1	5,5	5,0	4,4	3,7	2,9	1,9	0,9	0,4	-	-
Ego 2 easy 25-80	8,2	7,7	7,0	6,2	5,3	4,4	3,4	2,3	1,1	0,2	-
Ego 2 easy 25-100	10,0	9,9	9,3	8,6	7,6	6,6	5,3	4,0	2,3	0,7	-
Ego 2 easy 25-120	12,0	11,0	9,5	8,4	6,9	5,7	4,3	2,8	1,4	0,3	-
Ego 2 easy 32-40	4,1	3,8	3,5	2,9	2,2	1,2	-	-	-	-	-
Ego 2 easy 32-60	6,1	5,5	5,0	4,4	3,7	2,9	1,9	0,9	0,4	-	-
Ego 2 easy 32-80	8,2	7,7	7,0	6,2	5,3	4,4	3,4	2,3	1,1	0,2	-
Ego 2 easy 32-100	10,0	9,9	9,3	8,6	7,6	6,6	5,3	4,0	2,3	0,7	-
Ego 2 easy 32-120	12,0	11,0	9,5	8,4	6,9	5,7	4,3	2,8	1,4	0,3	-
Ego 2 easy 32-100F	10,0	9,9	9,3	8,6	7,6	6,6	5,3	4,0	2,3	0,7	-
Ego 2 easy 40-60F	6,0	5,5	5,0	4,4	3,7	2,9	1,9	0,9	-	-	-
Ego 2 easy 40-100F	10,0	9,9	9,3	8,6	7,6	6,6	5,3	4,0	2,3	0,7	-
Ego 2 easy 50-100F	10,0	9,9	9,3	8,6	7,6	6,6	5,3	4,0	2,3	0,7	-
Ego 2 T easy 32-40	4,1	3,8	3,5	2,9	2,2	1,2	-	-	-	-	-
Ego 2 T easy 32-60	6,1	5,5	5,0	4,4	3,7	2,9	1,9	0,9	0,4	-	-
Ego 2 T easy 32-80	8,2	7,7	7,0	6,2	5,3	4,4	3,4	2,3	1,1	0,2	-
Ego 2 T easy 32-100	10,0	9,9	9,3	8,6	7,6	6,6	5,3	4,0	2,3	0,7	-
Ego 2 T easy 32-120	12,0	11,0	9,5	8,4	6,9	5,7	4,3	2,8	1,4	0,3	-
Ego 2 T easy 40-100F	10,0	9,9	9,3	8,6	7,6	6,6	5,3	4,0	2,3	0,7	-

SELECTION CHART

Rev. C

SELECTION CHART Ego 2 (T) (B) slim

Pump Type	Q=Capacity													
	l/min	0	100	200	300	400	500	600	700	800	900	100	1100	1200
	m³/h	0	6,0	12,0	18,0	24,0	30,0	36,0	42,0	48,0	54,0	60,0	66,0	72,0
	H=Total manometric head in meters													
Ego 2 (T) slim 32-120	12,0	9,6	6,6	3,0	-	-	-	-	-	-	-	-	-	-
Ego 2 (T) slim 40-40/220	4,4	3,5	1,2	-	-	-	-	-	-	-	-	-	-	-
Ego 2 (T) slim 40-40/250	4,4	3,5	1,2	-	-	-	-	-	-	-	-	-	-	-
Ego 2 (T) slim 40-80/220	8,1	7,4	5,1	1,2	-	-	-	-	-	-	-	-	-	-
Ego 2 (T) slim 40-80/250	8,1	7,4	5,1	1,2	-	-	-	-	-	-	-	-	-	-
Ego 2 (T) slim 40-120	12,0	11,0	8,6	4,6	0,3	-	-	-	-	-	-	-	-	-
Ego 2 (T) slim 40-180	16,0	15,0	13,0	8,0	2,8	1,4	-	-	-	-	-	-	-	-
Ego 2 (T) slim 50-40	4,2	3,3	2,4	1,3	0,2	-	-	-	-	-	-	-	-	-
Ego 2 (T) slim 50-80	8,0	7,0	6,0	4,7	3,1	1,4	-	-	-	-	-	-	-	-
Ego 2 (T) slim 50-120	12,0	10,0	8,7	6,7	5,1	3,1	0,8	-	-	-	-	-	-	-
Ego 2 (T) slim 50-180	16,0	14,0	12,0	9,6	7,3	5,0	2,9	0,6	-	-	-	-	-	-
Ego 2 (T) slim 65-40	4,2	3,9	3,2	2,6	1,5	0,3	-	-	-	-	-	-	-	-
Ego 2 (T) slim 65-80	8,2	7,5	6,9	6,1	5,2	4,0	2,4	0,9	-	-	-	-	-	-
Ego 2 (T) slim 65-120	12,0	11,0	9,8	8,6	7,2	5,8	4,3	2,5	0,7	-	-	-	-	-
Ego 2 (T) slim 65/180	18,8	18,2	17,0	15,2	14,0	11,5	9,7	7,2	4,8	2,0	-	-	-	-
Ego 2 (T) slim 80-40	4,4	4,4	4,0	3,7	3,0	2,1	1,1	-	-	-	-	-	-	-
Ego 2 (T) slim 80-80	8,4	8,2	7,7	7,3	6,6	5,7	4,7	3,5	2,0	-	-	-	-	-
Ego 2 (T) slim 80/120	12,6	12,5	12,1	11,8	11,0	10,0	8,9	7,2	5,7	4,0	2,2	0,9	-	-
Ego 2 (T) slim 80/180	18,9	18,2	17,0	15,3	13,0	11,9	9,9	8,2	6,5	4,8	3,1	1,6	0,5	-
Ego 2 (T) slim 100/80	8,6	9,0	9,0	8,9	8,4	7,8	6,7	5,5	4,2	3,0	1,8	-	-	-
Ego 2 (T) slim 100/120	12,7	12,9	12,8	12,2	12,0	11,0	9,8	8,2	6,8	5,0	3,2	1,6	0,3	-
Ego 2 (T) slim 100/180	18,9	18,0	17,0	15,2	13,0	11,9	10,0	8,1	6,6	4,8	3,2	1,6	0,3	-

SELECTION CHART

Rev. C

SELECTION CHART Ego W B (T)

Pump Type	Q=Capacity						
	l/min	0	10	20	30	40	50
	m ³ /h	0	0,6	1,2	1,8	2,4	3,0
	H=Total manometric head in meters						
Ego W B		1,75	0,98	0,78	0,59	0,40	0,20
Ego W BT		1,75	0,98	0,78	0,59	0,40	0,20

SELECTION CHART

Rev. C

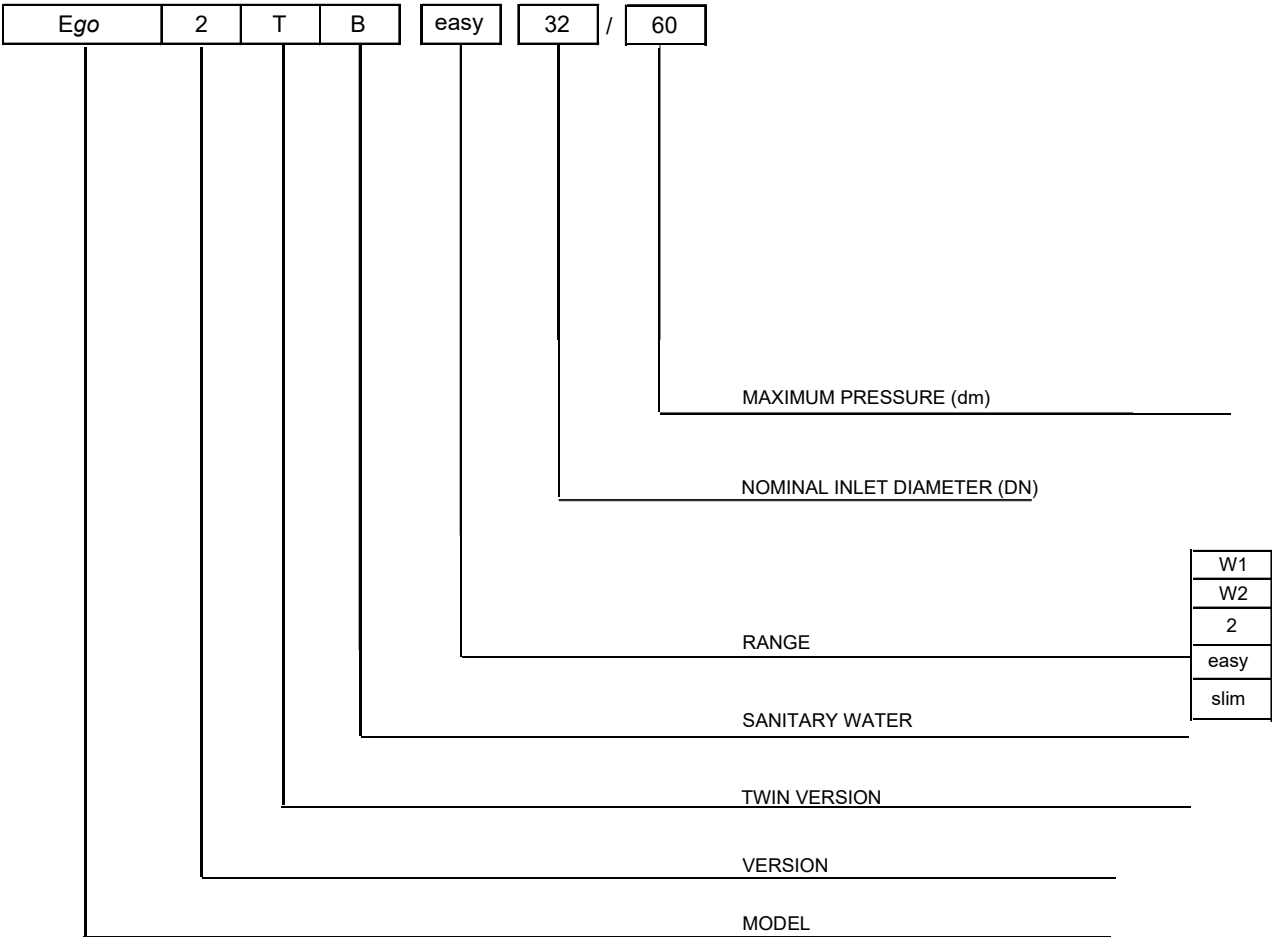
SELECTION CHART Ego B

Pump Type	Q=Capacity							
	l/min	0	10	20	30	40	50	60
	m ³ /h	0	0,6	1,2	1,8	2,4	3,0	3,6
	H=Total manometric head in meters							
Ego B 25/40-130		4,0	3,4	2,7	1,9	1,1	0,2	-
Ego B 25/60-130		5,8	4,9	3,9	2,9	1,9	0,8	-
Ego B 25/80-130		7,7	6,6	5,4	4,1	2,7	1,3	0,1

TYPE KEY and CURVE SPECIFICATIONS

Rev. C

TYPE KEY



TYPE KEY and CURVE SPECIFICATIONS

Rev. C

PERFORMANCE CURVE SPECIFICATIONS

The specifications below qualify the curves shown on the following pages.

Tolerances according to ISO 9906:2012 – Grade 3B

The curves refer to effective speed of asynchronous motors at 50 Hz, 2 poles.

Measurements were carried out with clean water at 20°C of temperature and with a kinematic viscosity of $\nu = 1 \text{ mm}^2/\text{s}$ (1 cSt)

The continuous curves indicate the recommended working range. The dotted curve is only a guide.

In order to avoid the risk of over-heating, the pumps should not be used at a flow rate below 10% of best efficiency point.

Symbols explanation:

- Q = volume flow rate
- H = total head
- P_2 = pump power input (shaft power)
- η = pump efficiency
- NPSH = net positive suction head required by the pump
- EEl = Energy Efficiency Index

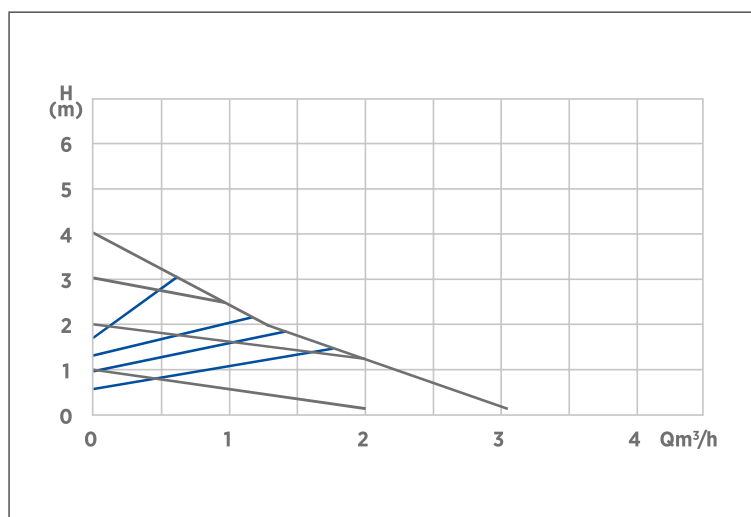
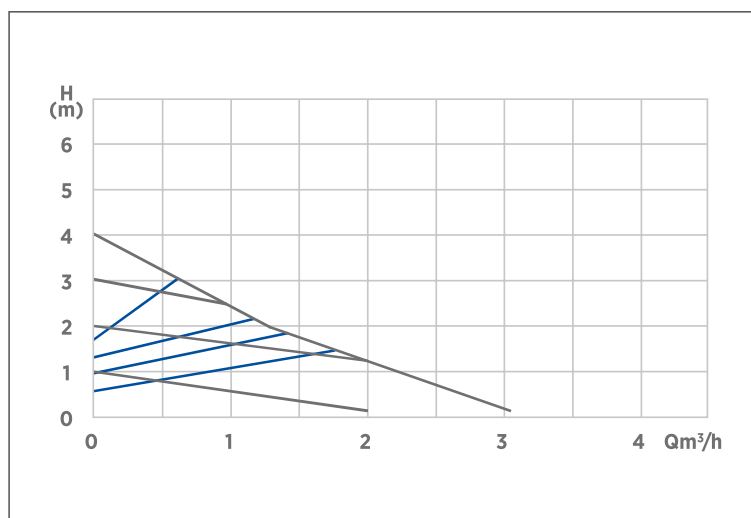
The Energy Efficiency Index (EEl) is a measure of the quality of a pump size in respect to its mean efficiency. The Energy Efficiency index is based on total efficiency of the circulators and service simulating the variance in a heating system.

The ErP regulation 2009 125 EC has as its object the reduction of energy consumption in accordance with the environmental requirements and it is being introduced in the EU in the field of circulators pumps in 2013. The lower the index, the greater the efficiency of the circulators.

The third step of the regulation introduced in 01/01/2020 for the energy index sets the EEl index up to 0,23.

PERFORMANCE CURVE

Rev. C

Ego W1 -/40**Ego W1 -/60**

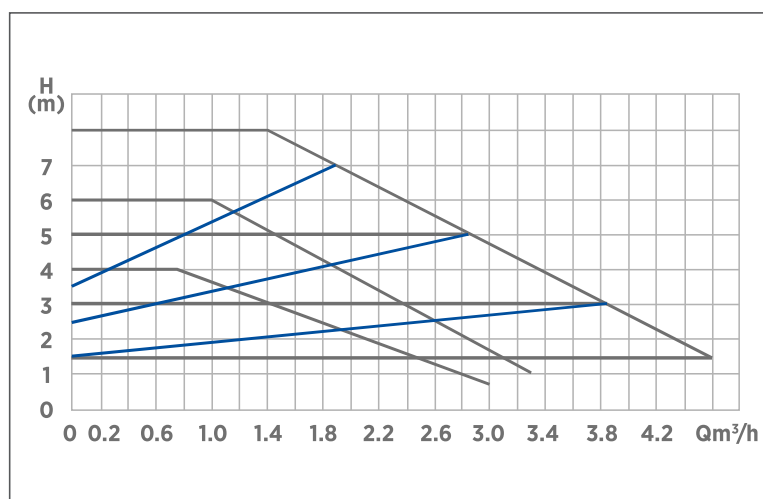
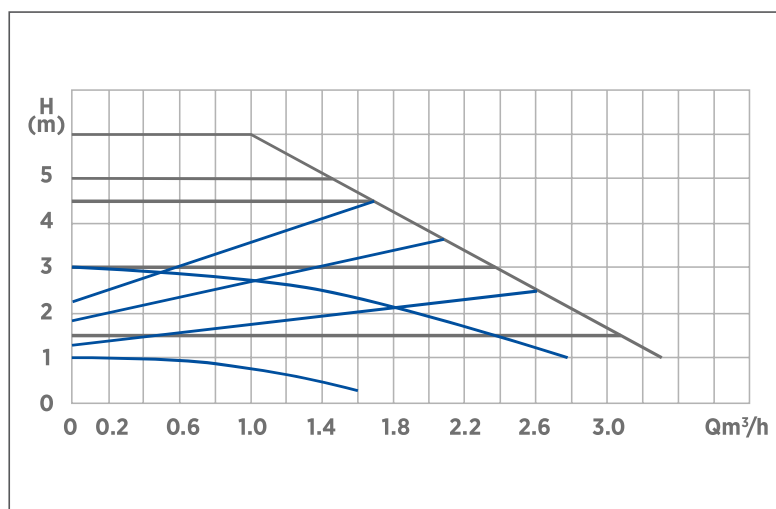
Test standard: ISO 9906:2012 – Grade 3B

PERFORMANCE CURVE

Rev. C

Ego W2 -/60

Ego W2 -/80

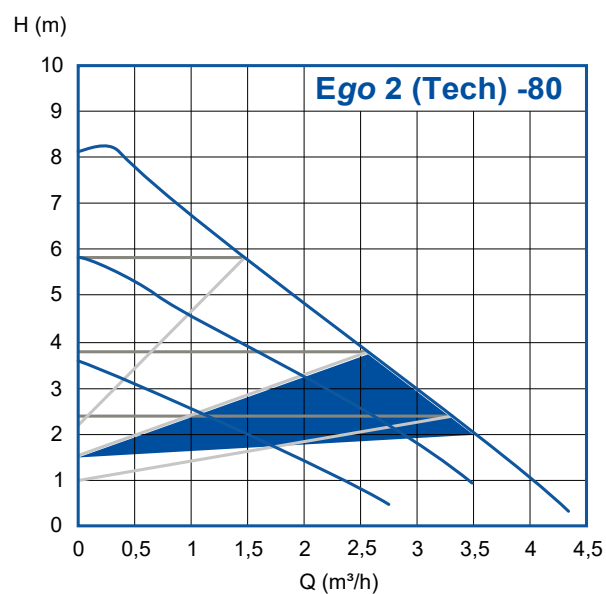
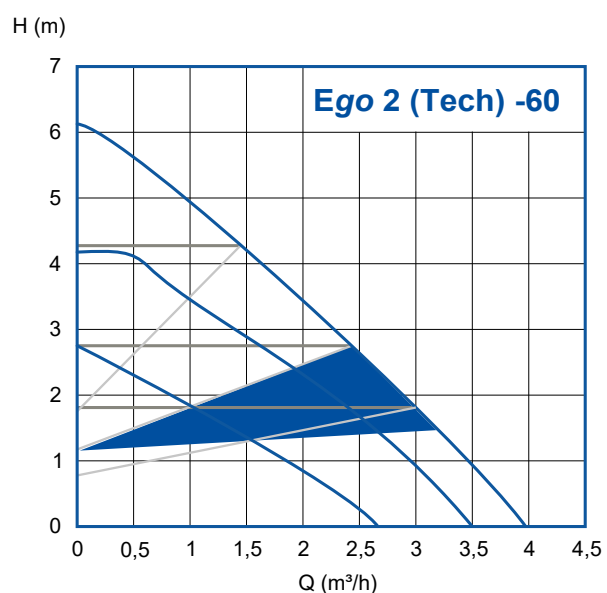
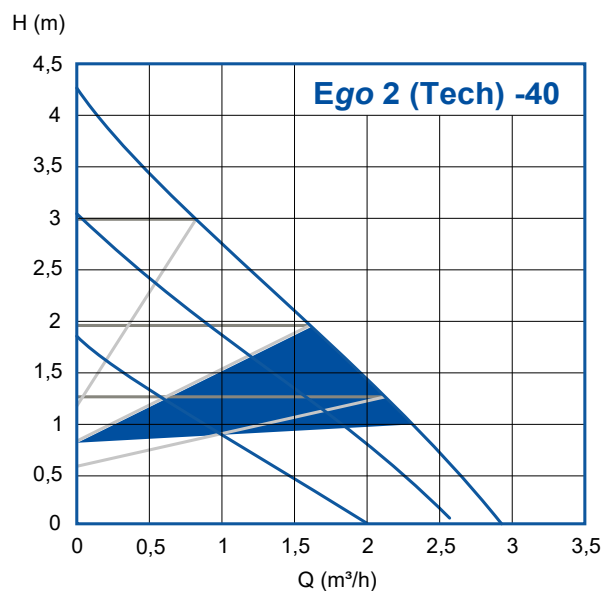


Test standard: ISO 9906:2012 – Grade 3B

PERFORMANCE CURVE

Rev. C

Ego 2 (Tech)

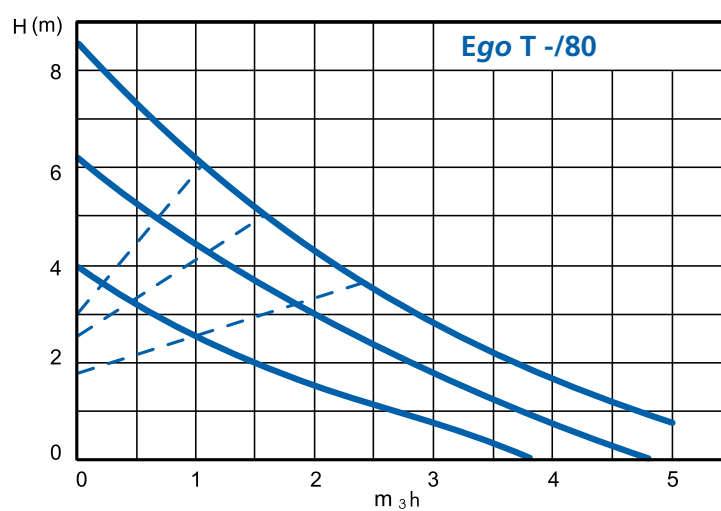
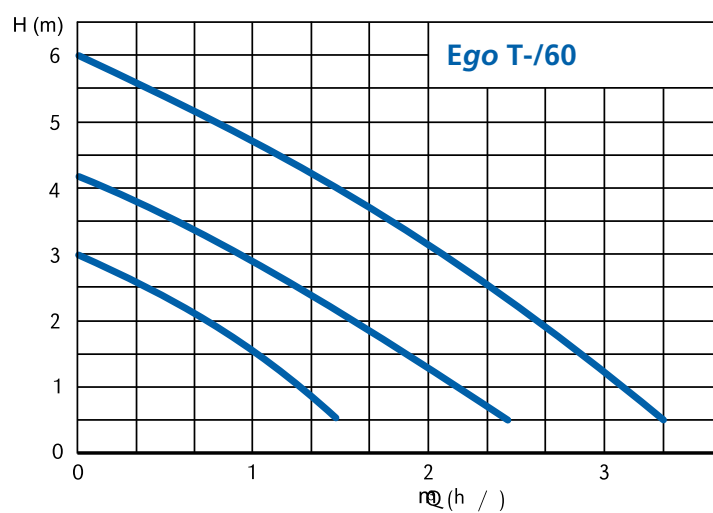


Test standard: ISO 9906:2012 – Grade 3B

PERFORMANCE CURVE

Rev. C

Ego T

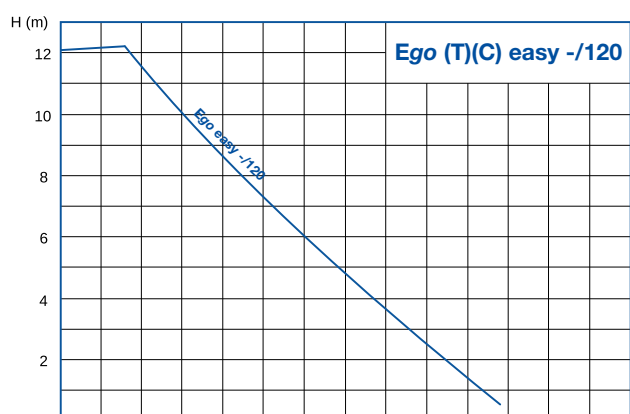
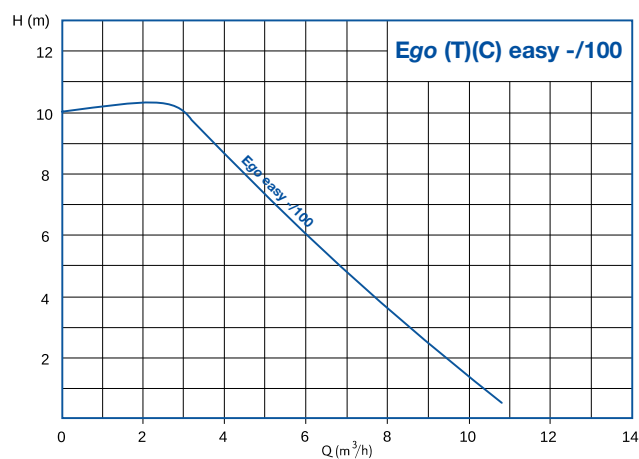
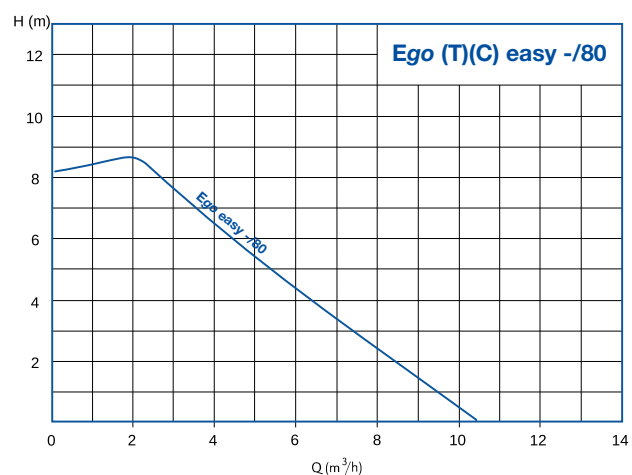
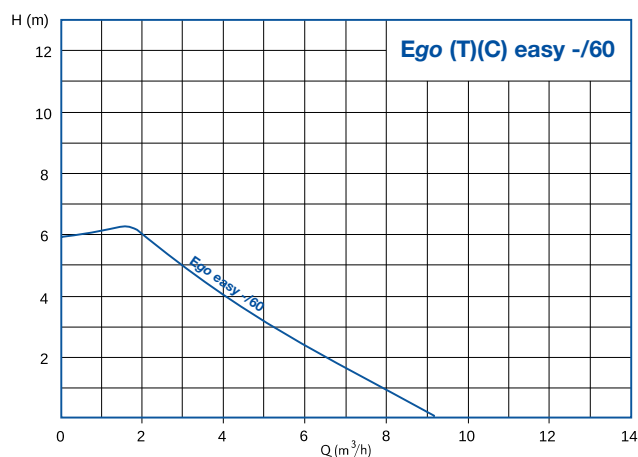
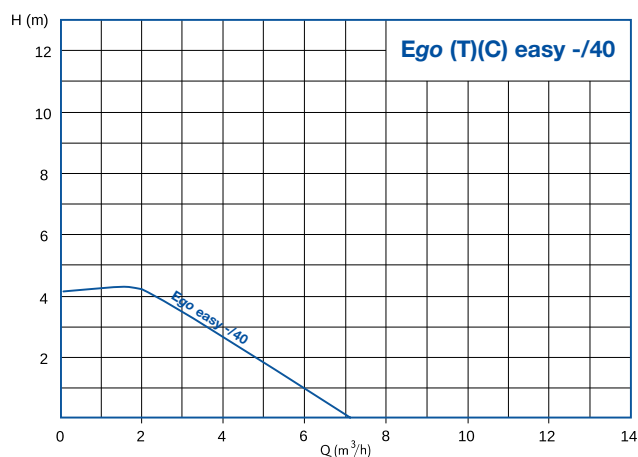


Test standard: ISO 9906:2012 – Grade 3B

PERFORMANCE CURVE

Rev. C

Ego 2 easy



Test standard: ISO 9906:2012 – Grade 3B

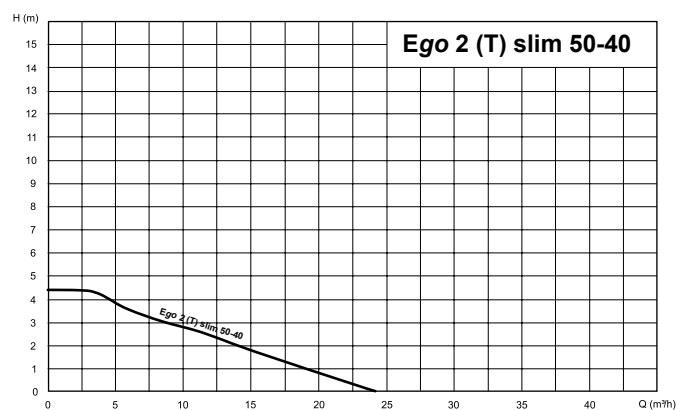
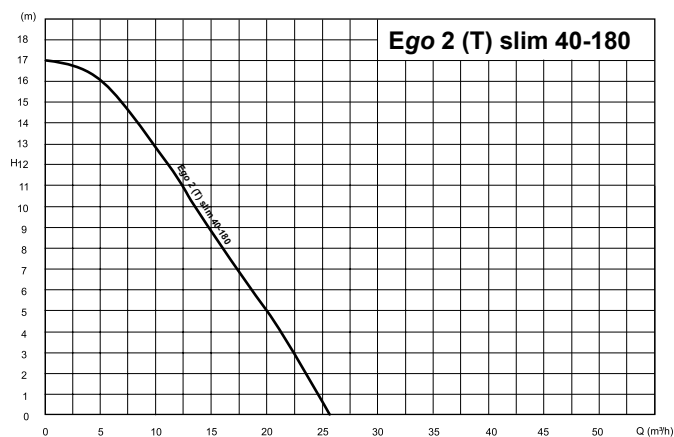
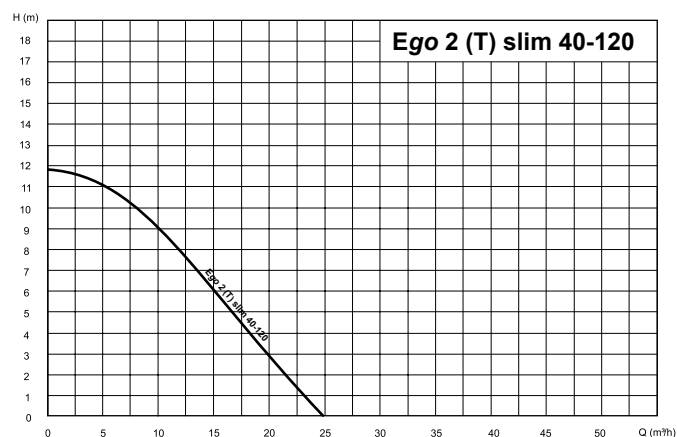
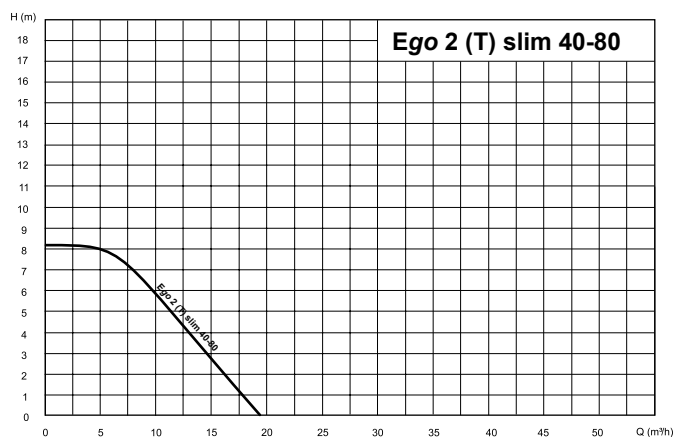
0 2 4 6 8 10 12 14

Q (m³/h)

PERFORMANCE CURVE

Rev. C

Ego 2 slim

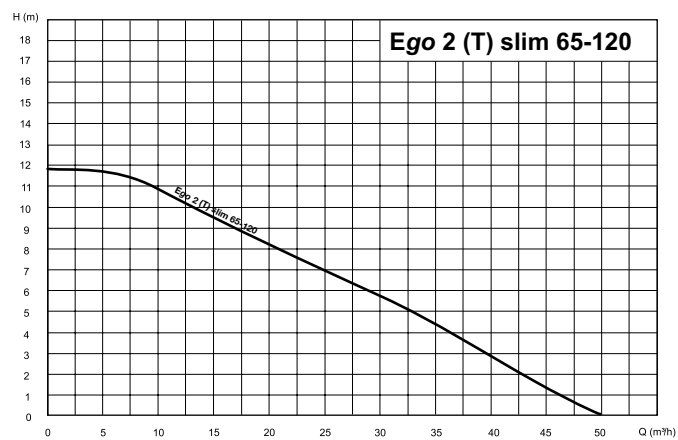
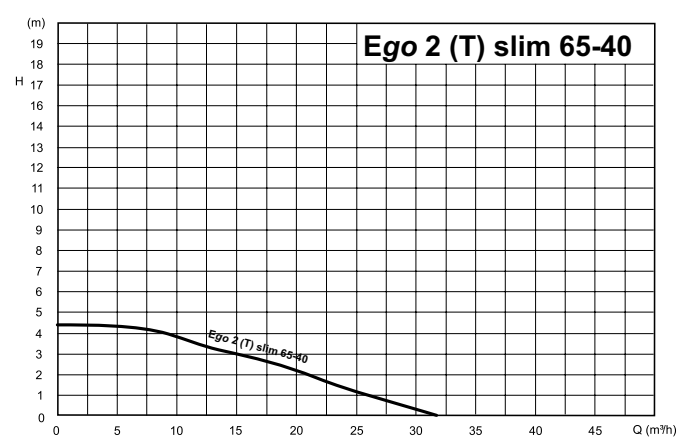
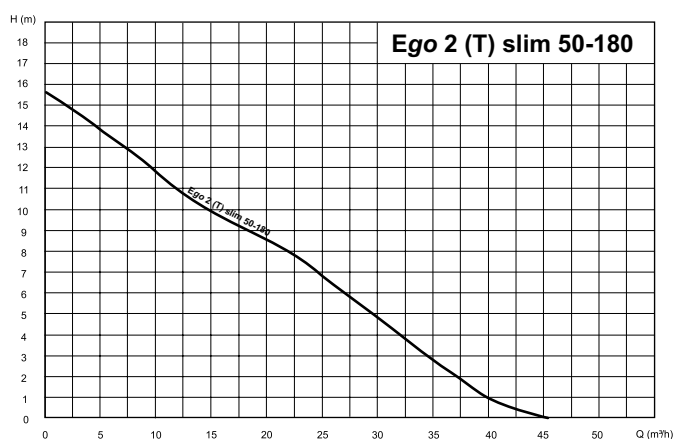
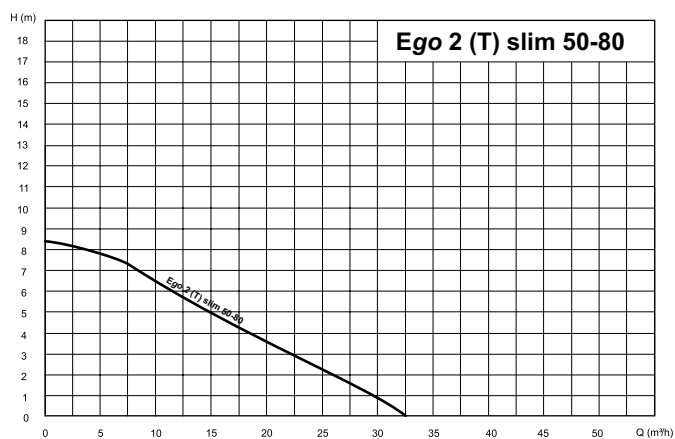


Test standard: ISO 9906:2012 – Grade 3B

PERFORMANCE CURVE

Rev. C

Ego 2 slim

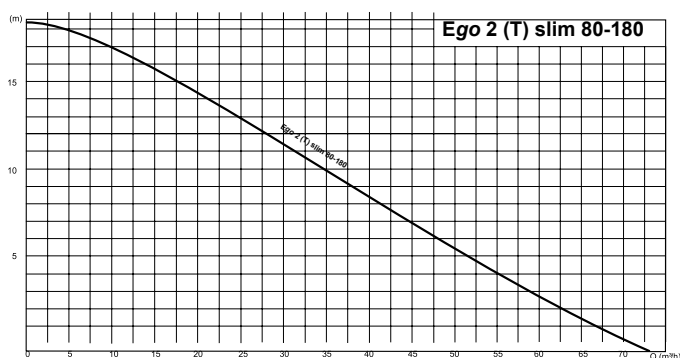
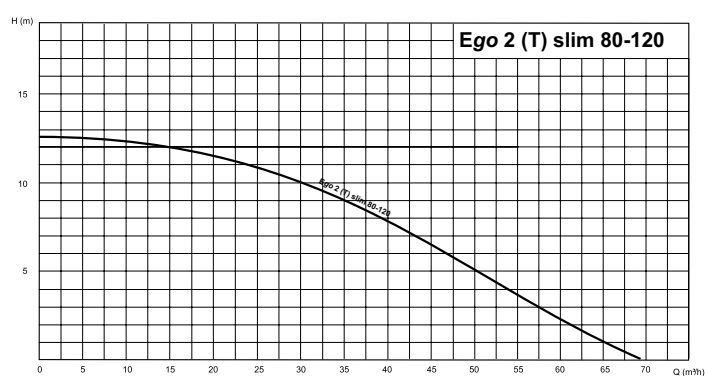


Test standard: ISO 9906:2012 – Grade 3B

PERFORMANCE CURVE

Rev. C

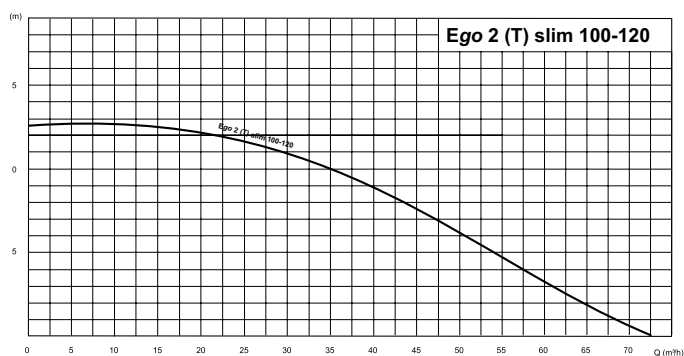
Ego 2 slim



Test standard: ISO 9906:2012 – Grade 3B

PERFORMANCE CURVE

Rev. C

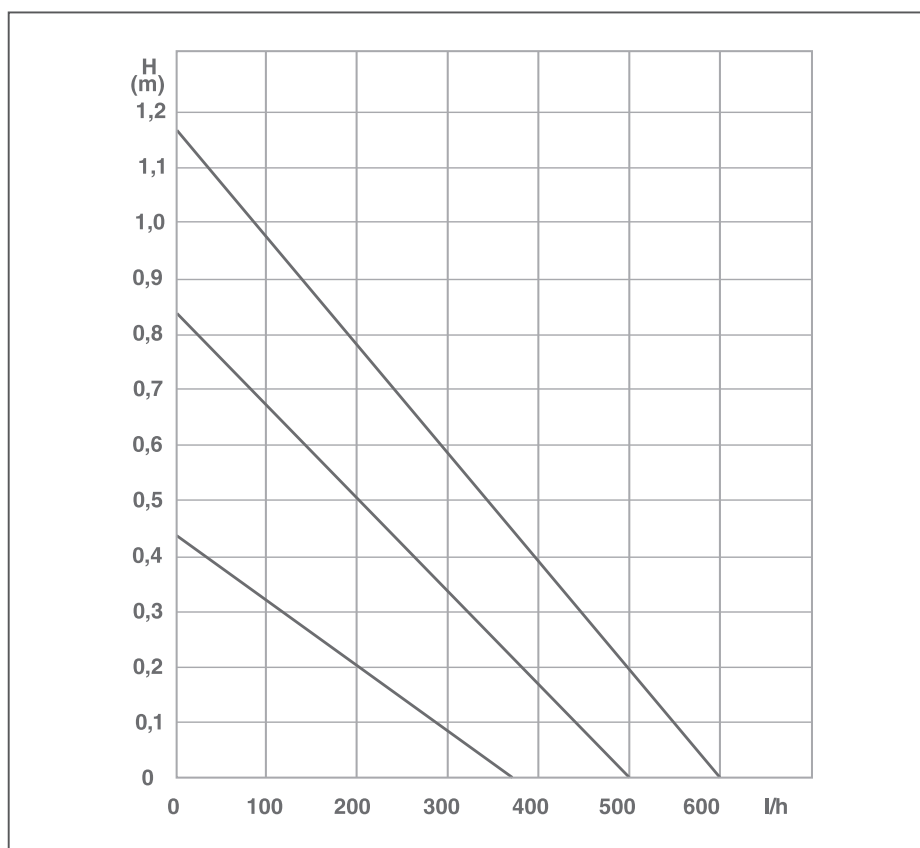
Ego 2 slim

Test standard: ISO 9906:2012 – Grade 3B

PERFORMANCE CURVE

Rev. C

Ego W B
Ego W B T

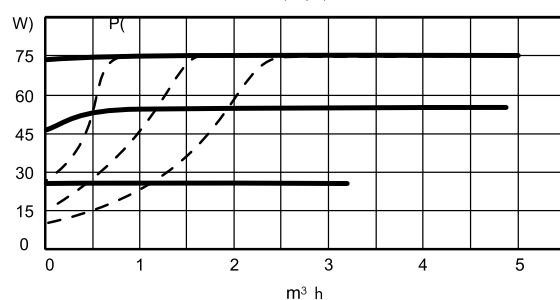
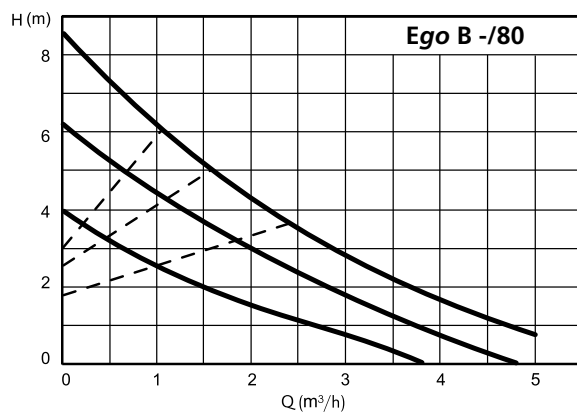
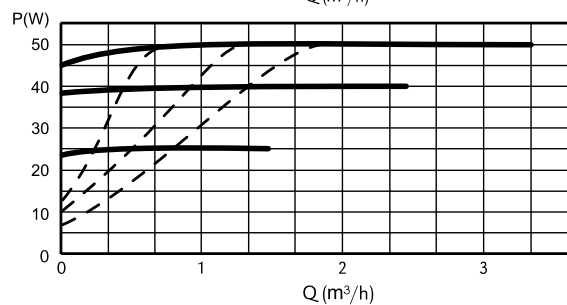
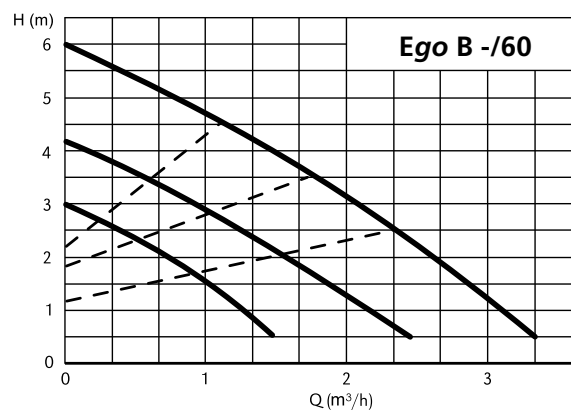
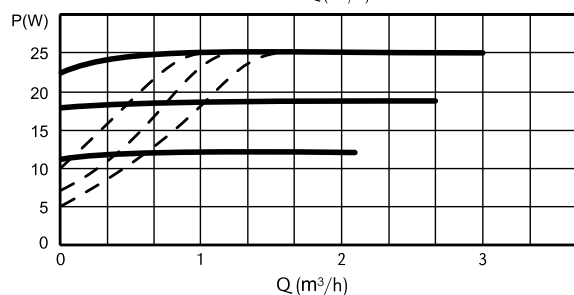
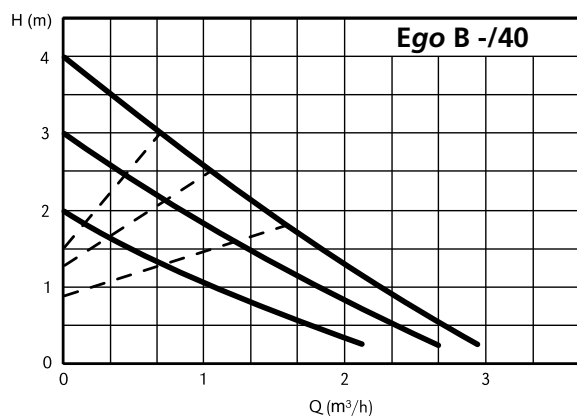


Test standard: ISO 9906:2012 – Grade 3B

PERFORMANCE CURVE

Rev. C

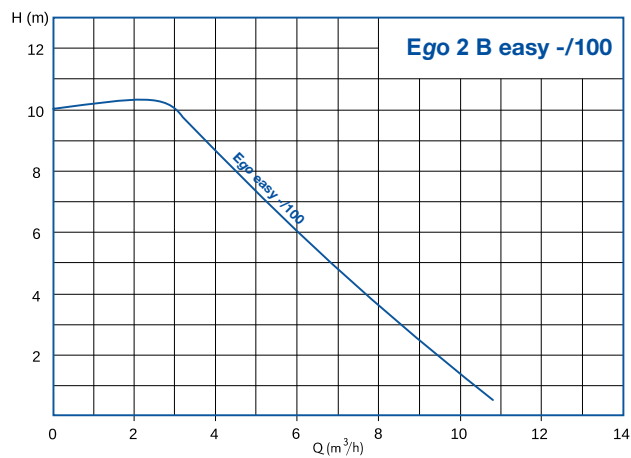
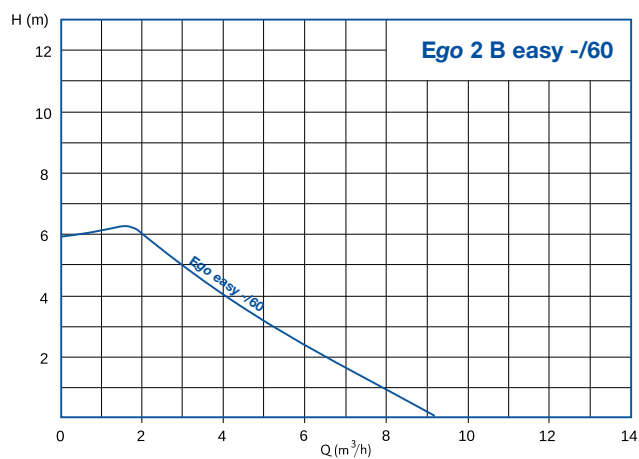
Ego B



Test standard: ISO 9906:2012 – Grade 3B

PERFORMANCE CURVE

Rev. C

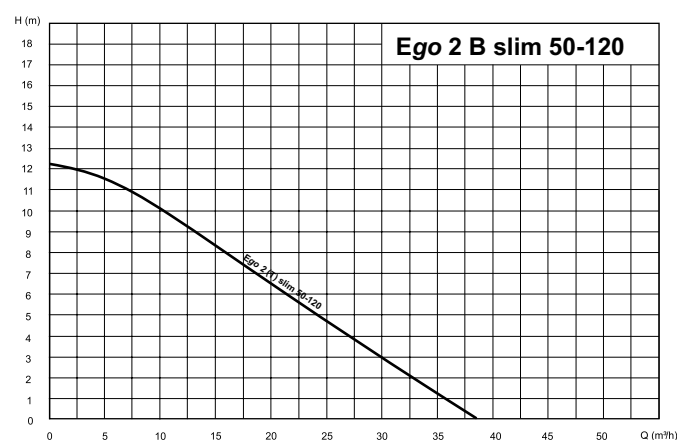
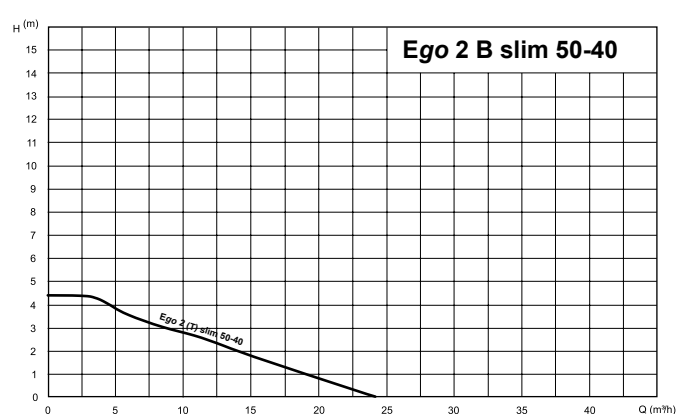
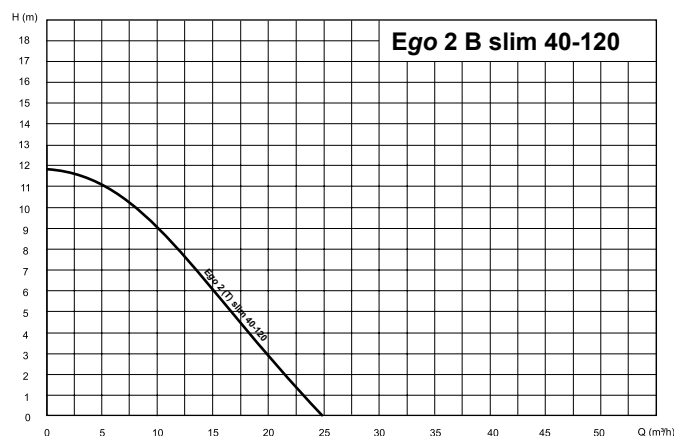
Ego 2 B easy

Test standard: ISO 9906:2012 – Grade 3B

PERFORMANCE CURVE

Rev. C

Ego 2 B slim

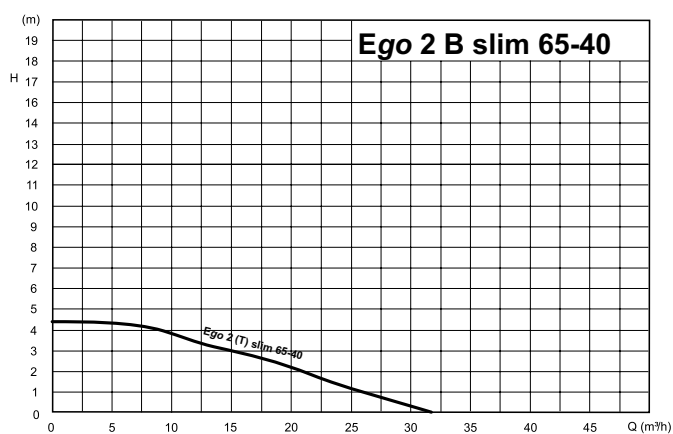


Test standard: ISO 9906:2012 – Grade 3B

PERFORMANCE CURVE

Rev. C

Ego 2 B slim



Test standard: ISO 9906:2012 – Grade 3B

OPERATING MODES

Rev. C

OPERATING MODES

All the control modes available within the Ego range are described below.

Depending on the model, they may be present all or in part; therefore refer to the instruction manuals of the individual models to check the control methods present.

PROPORTIONAL PRESSURE (fig.A)

The pumps maintains the pressure with relation to the current flow. The pressure is equal to the set pressure (Hset on the drawing) at MAX power; at 0 flow it is equal to HQ% (default 50%, HQ% can be set on the pumpwebpage) of the set pressure.

In between, the pressure changes linearly, relative to the flow. In regulated mode we can only set the pump pressure (Hset on the drawing). We can only scroll through the other parameters.

CONSTANT PRESSURE (fig.B)

The pumps maintains the currently set pressure (Hset on the drawing), from 0 flow to MAX power, where the pressure begins to drop. A constant pressure, we can only set the pressure (Hset on the drawing) which is the pump will mantains. We can only scroll through the other parameters.

CONSTANT SPEED (fig.C)

The pump operates with the currently set speed (RPMset on the drawing). In the unregualted mode, we can only set the speed at which the pump will operate. We can only scroll through the other parameters.

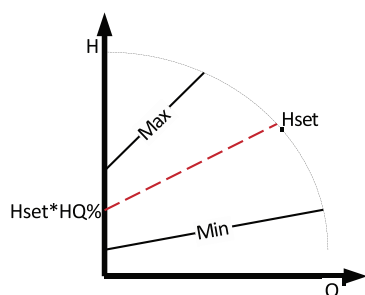


fig. A

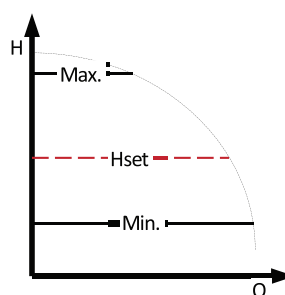


fig. B

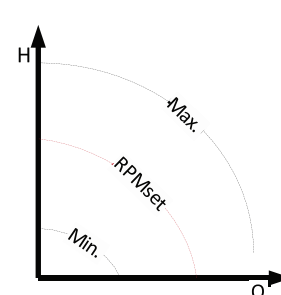


fig. C

OPERATING MODES

Rev. C

OPERATING MODES**AUTOMATIC MODE**

In automatic mode the pump automatically sets the operating pressure, depending on the hydraulic system. By doing so, the pump finds the optimal operating position.

This mode is recommended in most systems.

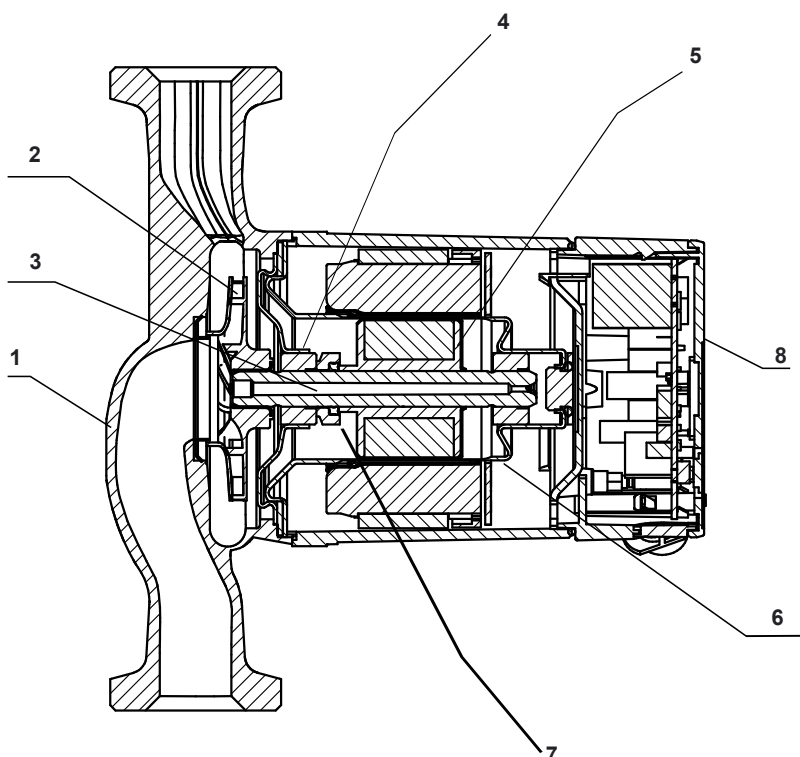
The parameters can not be set; they can only be scrolled through.

NIGHT MODE

When the pump is operating in night mode, it automatically switches between the current mode and night mode. Switch occurs based on the temperature of the medium. While in night mode its icon is turned on and the pump operates in chosen mode. If the pump sense drop in temperature of the medium for 15-20 °C (in the frame of 2 hours), icons starts to blink and the pump switches to night mode. When the temperature of the medium rises, blinking stops and the pump goes back to previously chosen operating mode.

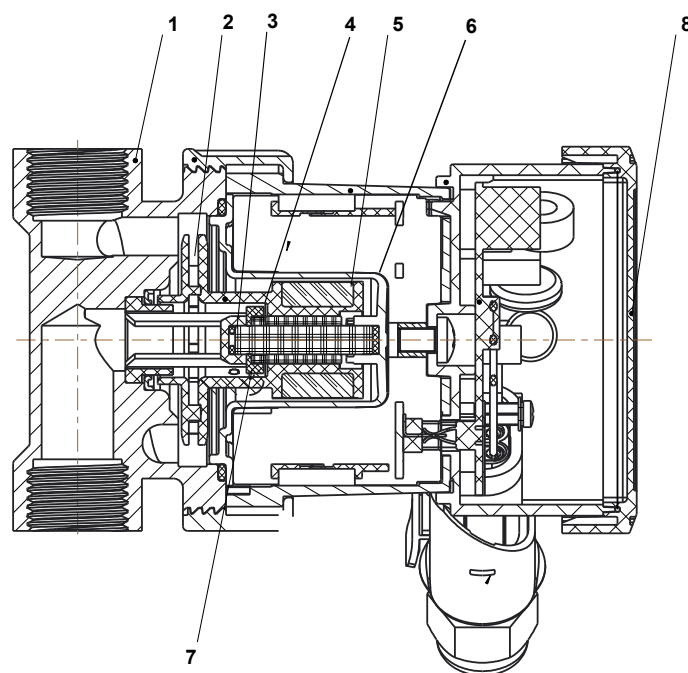
Night mode can only work in compliment to other medes and is not a mode that can run by itself.

SECTIONAL VIEW Ego W1



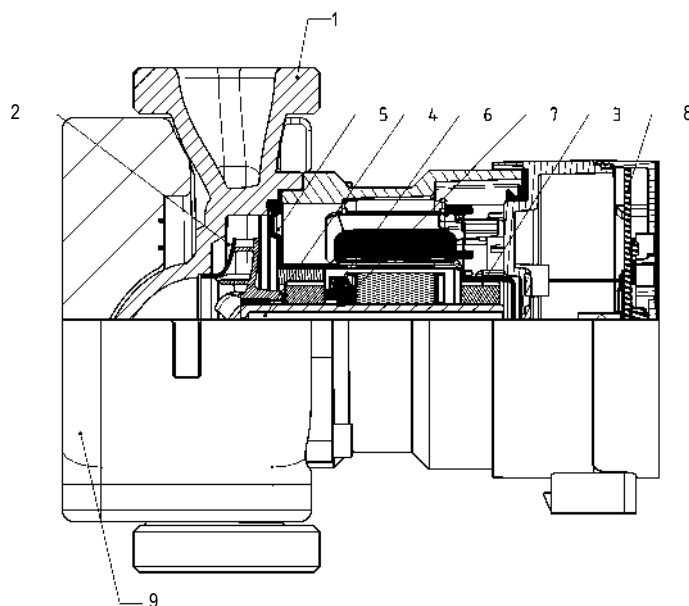
No.	Component	Material
1	Pump body	Cast iron with cataphoresis coating
2	Impeller	Noryl
3	Shaft	AISI
4	Bearing	Graphite
5	Rotor	AISI
6	Rotor can	AISI
7	Axial bearing bracket	EPDM
8	Electronic board	-

SECTIONAL VIEW Ego W2



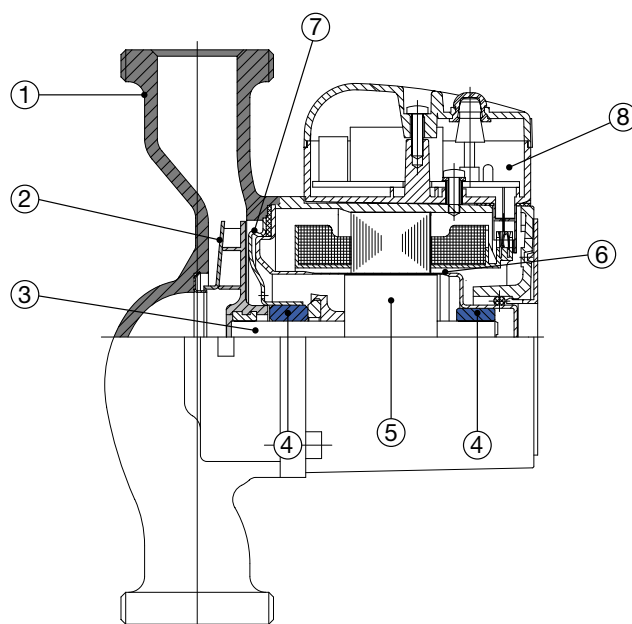
No.	Component	Material
1	Pump body	Cast iron with cataphoresis coating
2	Impeller	Noryl
3	Shaft	AISI
4	Bearing	Graphite
5	Rotor	AISI
6	Rotor can	AISI
7	Axial bearing bracket	EPDM
8	Electronic board	-

SECTIONAL VIEW Ego 2 (TECH)



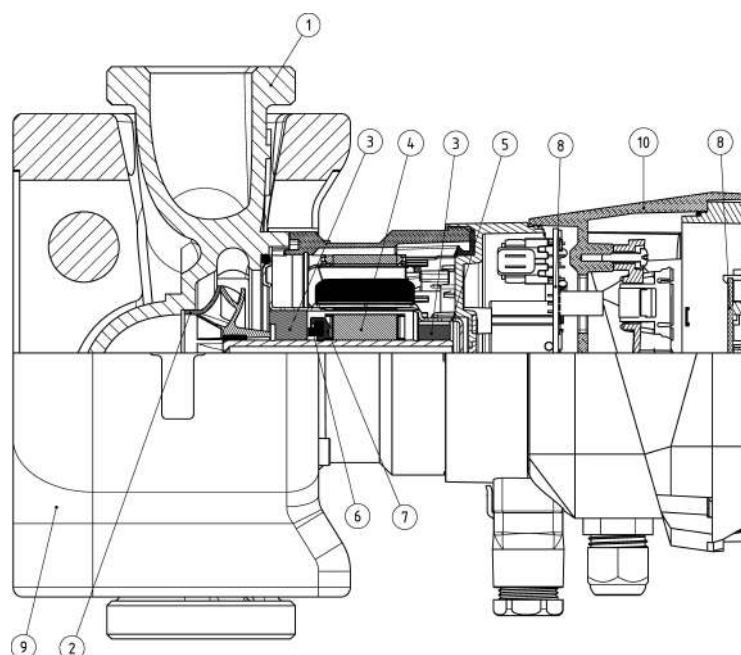
No.	Component	Material
1	Pump body	Cast iron with cataphoresis coating
2	Impeller	Noryl
3	Bearings	Graphite
4	Rotor	Inox
5	Rotor can	Inox
6	Axial bearing	Ceramic
7	Axial bearing bracket	EPDM
8	Electronics board	-
9	Thermal insulation	Expanded polypropylene foam

SECTIONAL VIEW Ego T



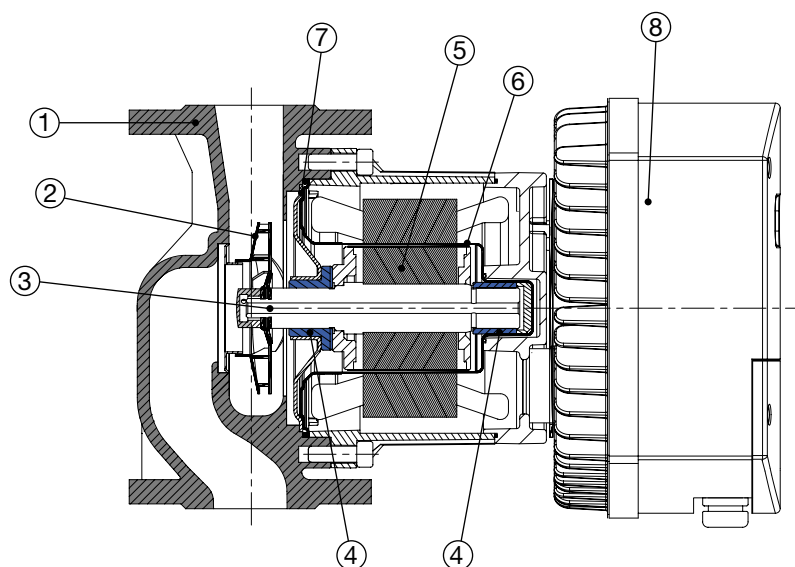
No.	Component	Material
1	Pump body	Cast iron with cataphoresis
2	Impeller	Noryl
3	Shaft	Inox
4	Bearings	Graphite
5	Rotor	Inox
6	Rotor can	Inox
7	Axial bearing bracket	EPDM
8	Electronic board	-

SECTIONAL VIEW Ego 2 easy



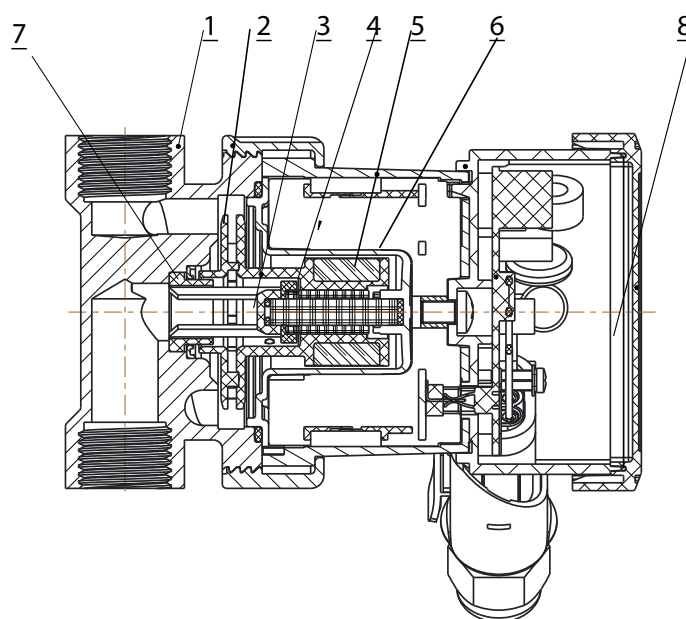
No.	Component	Material
1	Pump body	Cast iron with cataphoresis coating
2	Impeller	Noryl
3	Bearings	Graphite
4	Rotor	Inox
5	Rotor can	Inox
6	Axial bearing	Ceramic
7	Axial bearing bracket	EPDM
8	Electronics board	-
9	Thermal insulation	Expanded polypropylene foam
10	Heatsink	Aluminium

SECTIONAL VIEW Ego 2 slim



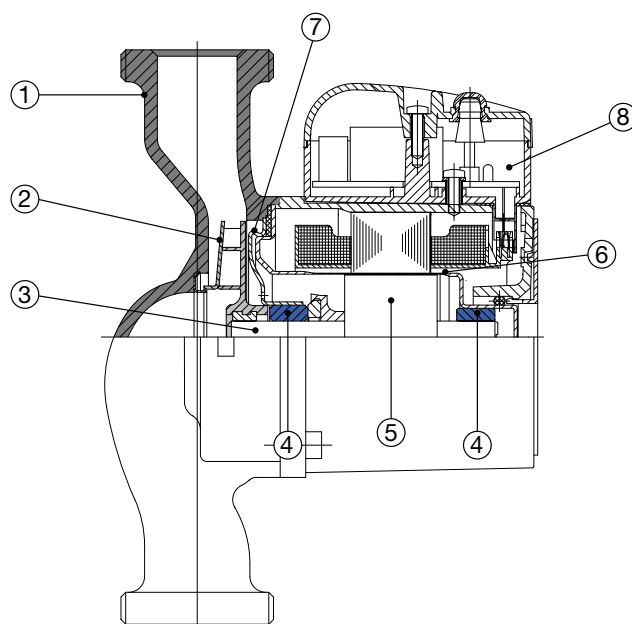
No.	Component	Material
1	Pump body	Cast iron with cataphoresis coating
2	Impeller	Noryl
3	Shaft	Inox
4	Bearings	Graphite
5	Rotor	Inox
6	Rotor can	Inox
7	Axial bearing bracket	EPDM
8	Electronics board	-
9	Heatsink	Aluminium

SECTIONAL VIEW Ego W B/BT



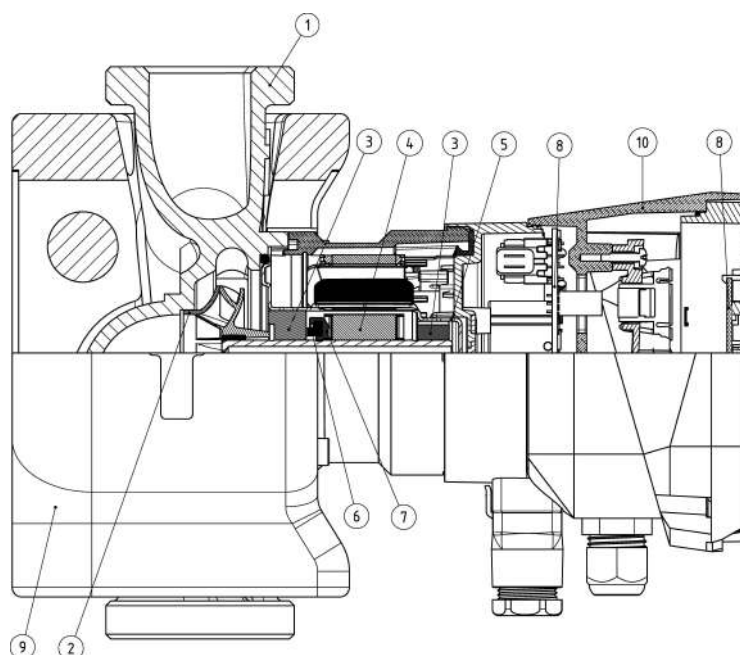
No.	Component	Material
1	Pump body	Bronze
2	Impeller	Noryl
3	Shaft	Inox
4	Bearings	Graphite
5	Rotor	Inox
6	Rotor can	Inox
7	Axial bearing bracket	EPDM
8	Electronics board	-

SECTIONAL VIEW Ego B



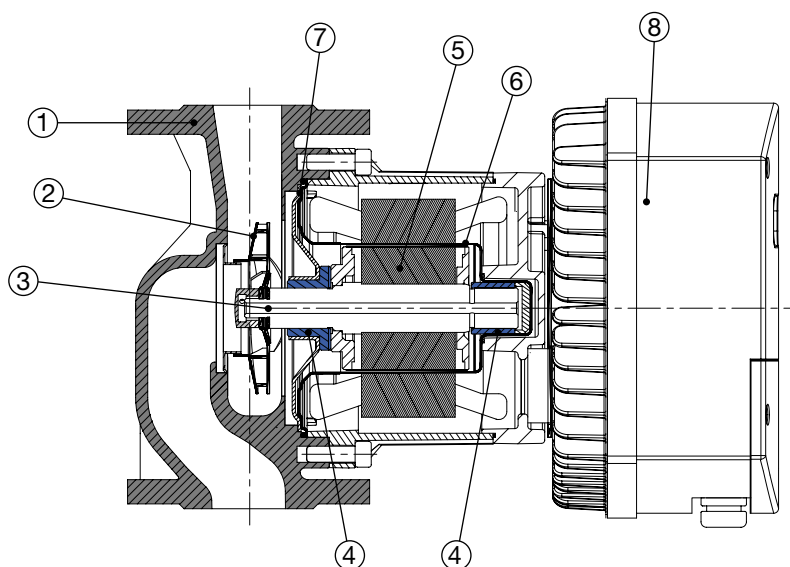
No.	Component	Material
1	Pump body	Bronze
2	Impeller	Noryl
3	Shaft	Inox
4	Bearings	Graphite
5	Rotor	Inox
6	Rotor can	Inox
7	Axial bearing bracket	EPDM
8	Electronics board	-

SECTIONAL VIEW Ego 2 B easy



No.	Component	Material
1	Pump body	Inox
2	Impeller	Noryl
3	Shaft	Inox
4	Bearings	Graphite
5	Rotor	Inox
6	Rotor can	Inox
7	Axial bearing bracket	EPDM
8	Electronics board	-
9	Heatsink	Aluminium

SECTIONAL VIEW Ego 2 B slim

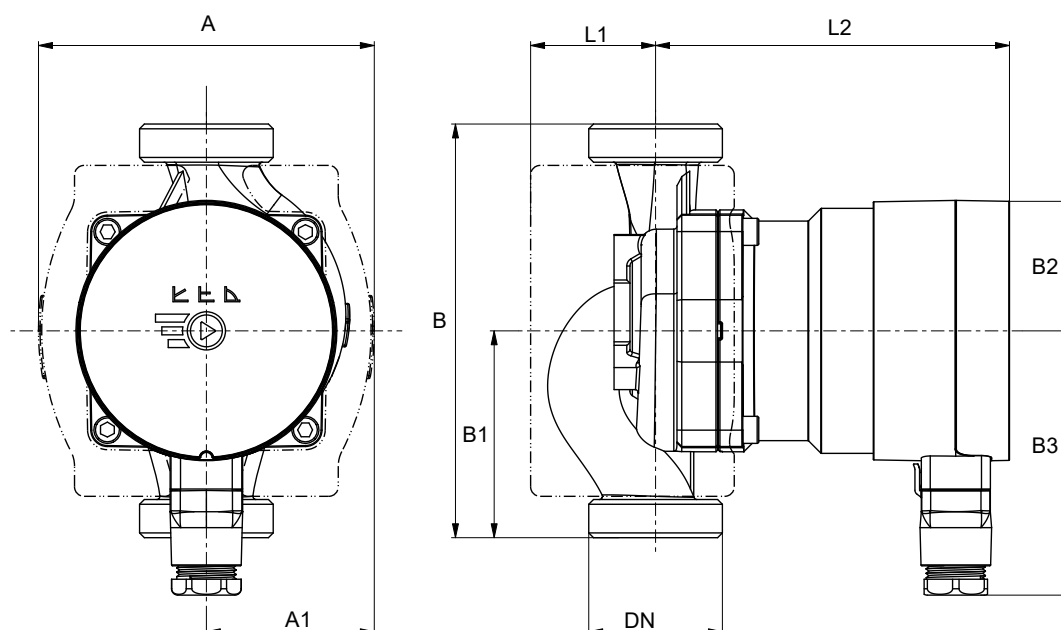


No.	Component	Material
1	Pump body	Inox
2	Impeller	Noryl
3	Shaft	Inox
4	Bearings	Graphite
5	Rotor	Inox
6	Rotor can	Inox
7	Axial bearing bracket	EPDM
8	Electronics board	-
9	Heatsink	Aluminium

DIMENSIONS and WEIGHT

Rev. C

Ego W1-W2- 2 (Tech)



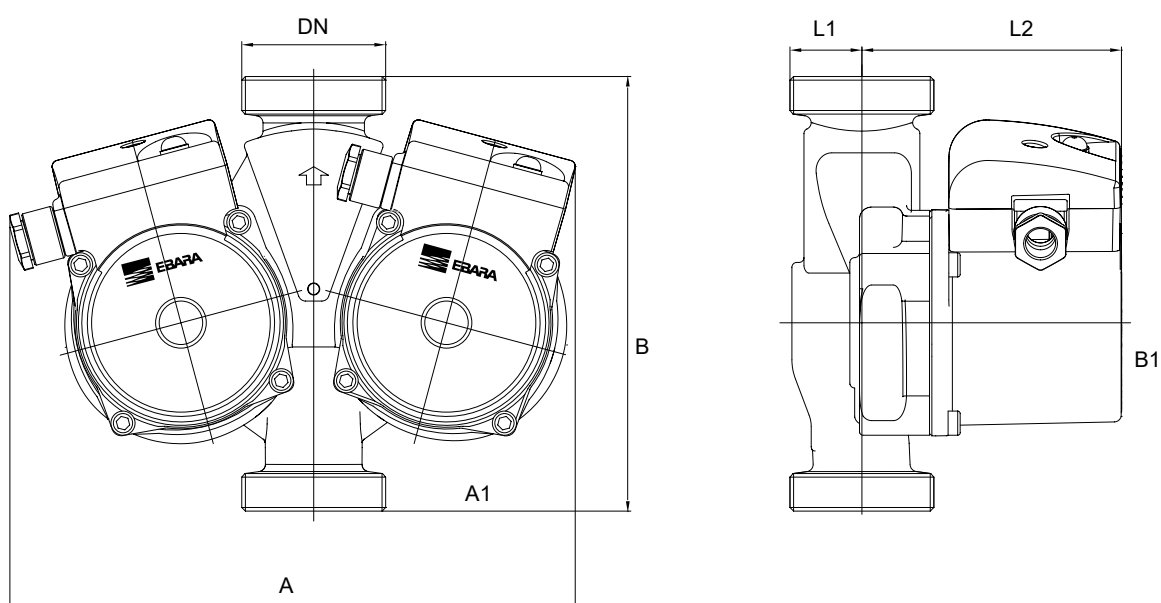
Pump Type	Dimensions [mm]									Weight [kg]
	A	A1	B	B1	B2	B3	L1	L2	DN	
Ego W1 15/40-130	106	53	130	65	41	71	35	132	G 1	2,5
Ego W1 15/40-180	106	53	180	90	41	71	35	132	G 1	2,5
Ego W1 25/40-130	106	53	130	65	41	71	35	132	G 1 1/2	2,5
Ego W1 25/40-180	106	53	180	90	41	71	35	132	G 1 1/2	2,5
Ego W1 15/60-130	106	53	130	65	41	71	35	132	G 1	2,5
Ego W1 15/60-180	106	53	180	90	41	71	35	132	G 1	2,5
Ego W1 25/60-130	106	53	130	65	41	71	35	132	G 1 1/2	2,5
Ego W1 25/60-180	106	53	180	90	41	71	35	132	G 1 1/2	2,5

Ego W2 15/60-130	106	53	130	65	41	71	33	93	G 1	2,1
Ego W2 15/60-180	106	53	180	90	41	71	35	96	G 1	2,1
Ego W2 25/60-130	106	53	130	65	41	71	33	93	G 1 1/2	2,1
Ego W2 25/60-180	106	53	180	90	41	71	35	96	G 1 1/2	2,1
Ego W2 15/80-130	106	53	130	65	41	71	33	93	G 1	2,1
Ego W2 15/80-180	106	53	180	90	41	71	35	96	G 1	2,1
Ego W2 25/80-130	106	53	130	65	41	71	33	93	G 1 1/2	2,1
Ego W2 25/80-180	106	53	180	90	41	71	35	96	G 1 1/2	2,1
Ego W2 32/80-180	106	53	180	90	41	71	35	96	G 2	2,1

Ego 2 (Tech) 15/40-130	106	53	130	65	41	83	39	111	G 1	1,46
Ego 2 (Tech) 25/40-130	106	53	130	65	41	83	39	111	G 1 1/2	1,65
Ego 2 (Tech) 15/60-130	106	53	130	65	41	83	39	111	G 1	1,46
Ego 2 (Tech) 25/60-130	106	53	130	65	41	83	39	111	G 1 1/2	1,65
Ego 2 (Tech) 25/80-130	106	53	130	65	41	83	39	111	G 1 1/2	1,65
Ego 2 (Tech) 25/40-180	106	53	180	90	41	83	41	111	G 1 1/2	1,73
Ego 2 (Tech) 32/40-180	106	53	180	90	41	83	41	111	G 2	1,73
Ego 2 (Tech) 25/60-180	106	53	180	90	41	83	41	111	G 1 1/2	1,73
Ego 2 (Tech) 32/60-180	106	53	180	90	41	83	41	111	G 2	1,93
Ego 2 (Tech) 25/80-180	106	53	180	90	41	83	41	111	G 1 1/2	1,73
Ego 2 (Tech) 32/80-180	106	53	180	90	41	83	41	111	G 2	1,93

DIMENSIONS and WEIGHT

Rev. C

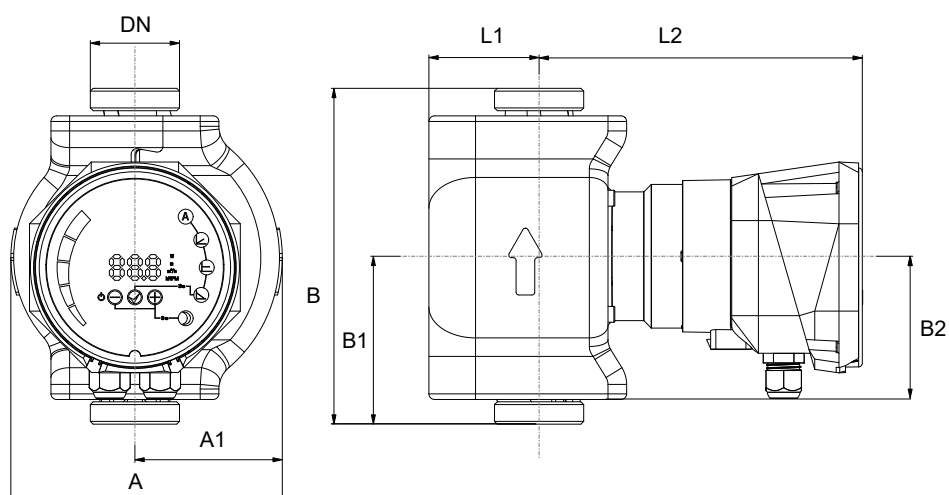
Ego T

Pump Type	Dimensions [mm]							Weight [kgf]
	A	A1	B	B1	L1	L2	DN	
<i>Ego T</i> 25/60-180	234	117	180	90	29,8	107,2	25	4,9
<i>Ego T</i> 32/60-180	234	117	180	90	29,8	107,2	32	4,9
<i>Ego T</i> 25/80-180	234	117	180	90	29,8	107,2	25	5,1
<i>Ego T</i> 32/80-180	234	117	180	90	29,8	107,2	32	5,1

DIMENSIONS and WEIGHT

Rev. C

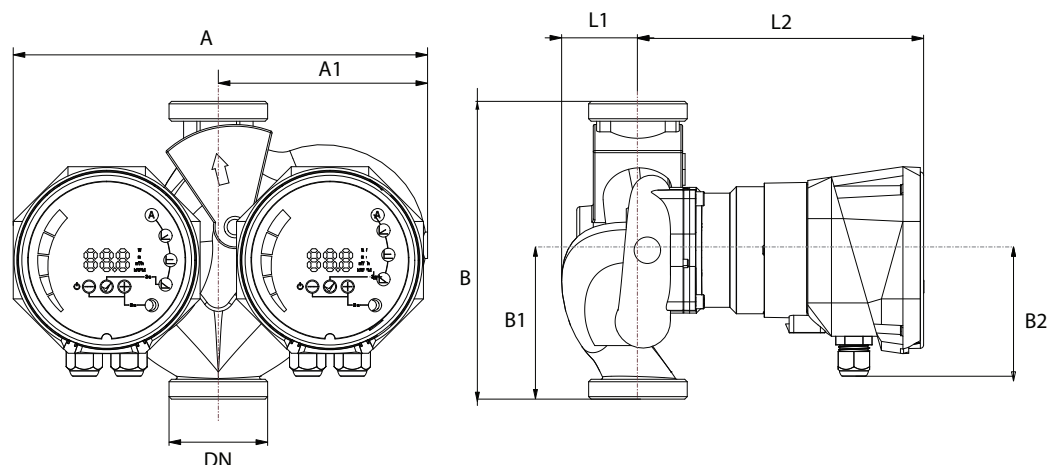
Ego 2 (B) easy



Pump Type	Dimensions [mm]								Weight [kgf]
	A	A1	B	B1	B2	L1	L2	DN	
Ego 2 easy 25-60	146	79	180	90	76	59	173	G 1 1/2	3,20
Ego 2 easy 25-80	146	79	180	90	76	59	173	G 1 1/2	3,20
Ego 2 easy 25-100	146	79	180	90	76	59	173	G 1 1/2	3,20
Ego 2 easy 25-120	146	79	180	90	76	59	173	G 1 1/2	3,20
Ego 2 easy 32-40	146	79	180	90	76	59	173	G 2	3,80
Ego 2 easy 32-60	146	79	180	90	76	59	173	G 2	3,80
Ego 2 easy 32-80	146	79	180	90	76	59	173	G 2	3,80
Ego 2 easy 32-100	146	79	180	90	76	59	173	G 2	3,80
Ego 2 easy 32-120	146	79	180	90	76	59	173	G 2	3,80
Ego 2 easy 32-100F	149	79	220	110	76	60	173	DN32	6,40
Ego 2 easy 40-60F	149	79	220	110	76	60	173	DN40	7,50
Ego 2 easy 40-100F	149	79	220	110	76	60	173	DN40	7,50
Ego 2 easy 50-100F	149	79	240	110	76	60	173	DN50	8,80

DIMENSIONS and WEIGHT

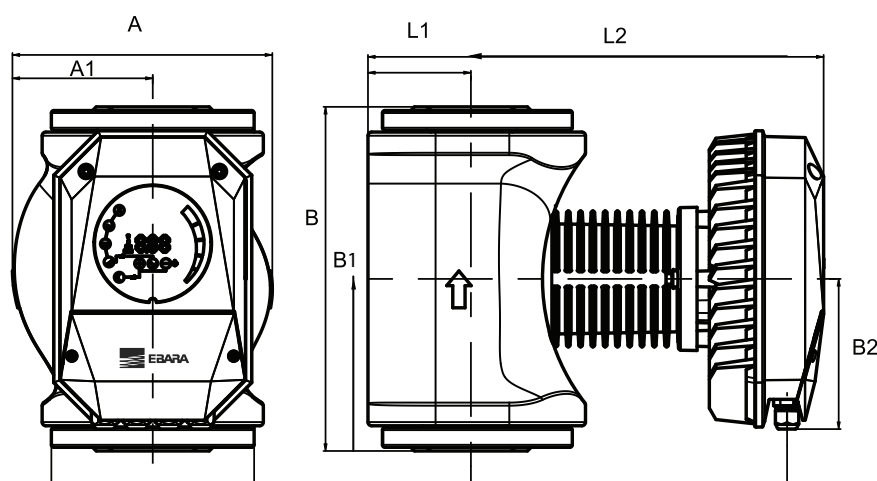
Rev. C

Ego 2 T easy

Pump Type	Dimensions [mm]								Weight [kgf]
	A	A1	B	B1	B2	L1	L2	DN	
Ego 2 T easy 32-40	250,5	126,5	180	90	76	46	173	G 2	8,10
Ego 2 T easy 32-60	250,5	126,5	180	90	76	46	173	G 2	8,10
Ego 2 T easy 32-80	250,5	126,5	180	90	76	46	173	G 2	8,10
Ego 2 T easy 32-100	250,5	126,5	180	90	76	46	173	G 2	8,60
Ego 2 T easy 32-120	250,5	126,5	180	90	76	46	173	G 2	8,60
Ego 2 T easy 40-100F	250,5	126,5	220	110	76	64	173	DN40	11,00

DIMENSIONS and WEIGHT

Rev. C

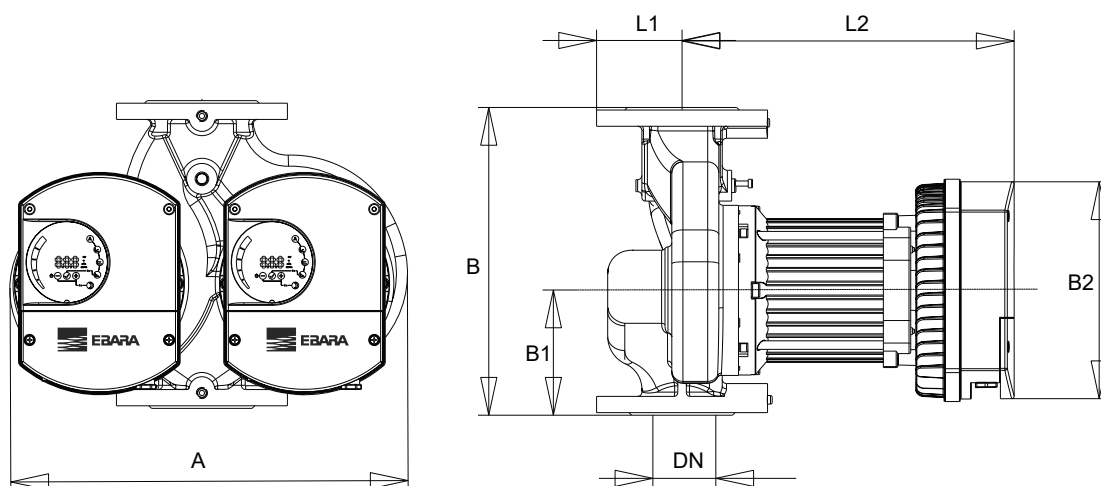
Ego 2 (B) slim

Pump Type	Dimensions [mm]								Weight [kgf]
	A	A1	B	B1	B2	L1	L2	DN	
Ego 2 slim 32-120	179	97	220	110	122	296	83	DN32	11,7
Ego 2 slim 40-40/220	179	97	220	110	122	297	83	DN40	9,4
Ego 2 slim 40-40/250	179	97	250	125	122	297	83	DN40	9,5
Ego 2 slim 40-80/220	179	97	220	110	122	297	83	DN40	9,4
Ego 2 slim 40-80/250	179	97	250	125	122	297	83	DN40	9,5
Ego 2 slim 40-120	179	97	250	125	122	297	83	DN40	9,8
Ego 2 slim 40-180	179	97	250	125	122	307	84	DN40	13,4
Ego 2 slim 50-40	210	114	280	140	122	307	84	DN50	14,0
Ego 2 slim 50-80	21	114	280	140	122	307	84	DN50	14,5
Ego 2 slim 50-120	210	114	280	140	122	307	84	DN50	14,5
Ego 2 slim 50-180	210	114	280	140	122	307	84	DN50	14,5
Ego 2 slim 65-40	214	118	340	170	122	307	95	DN65	17,9
Ego 2 slim 65-80	214	118	340	170	122	307	95	DN65	17,9
Ego 2 slim 65-120	214	118	340	170	122	317	95	DN65	18,1
Ego 2 slim 65/180	214	118	340	170	122	317	95	DN65	23,8
Ego 2 slim 80-40	273	150	360	180	122	307	108	DN80	24,85
Ego 2 slim 80-80	273	150	360	180	122	317	108	DN80	24,85
Ego 2 slim 80/120	273	150	360	180	122	317	108	DN80	30,00
Ego 2 slim 80/180	273	150	360	180	122	317	108	DN80	35,10
Ego 2 slim 100/80	273	150	450	225	122	317	108	DN100	35,10
Ego 2 slim 100/120	273	150	450	225	122	317	108	DN100	35,10
Ego 2 slim 100/180	273	150	450	225	122	317	108	DN100	35,10

DIMENSIONS and WEIGHT

Rev. C

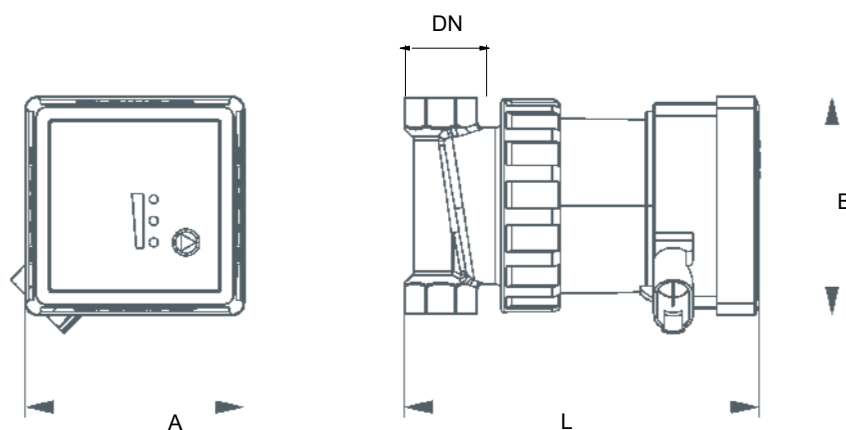
Ego 2 T slim



Pump Type	Dimensions [mm]							Weight [kgf]
	A	B	B1	B2	L1	L2	DN	
Ego 2 T slim 32-120	382	220	110	122	65	296	DN32	16,8
Ego 2 T slim 40-40/220	382	220	110	122	65	296	DN40	16,8
Ego 2 T slim 40-40/250	382	250	125	122	65	296	DN40	17,2
Ego 2 T slim 40-80/220	382	220	110	122	65	296	DN40	22,2
Ego 2 T slim 40-80/250	382	250	125	122	65	296	DN40	23,2
Ego 2 T slim 40-120	382	250	125	122	65	296	DN40	19,8
Ego 2 T slim 40-180	382	250	125	122	65	306	DN40	23,5
Ego 2 T slim 50-40	399	280	140	99	72	273	DN50	26,0
Ego 2 T slim 50-80	399	280	140	122	72	287	DN50	27,5
Ego 2 T slim 50-120	399	280	140	122	72	297	DN50	27,5
Ego 2 T slim 50-180	399	280	140	122	72	297	DN50	27,5
Ego 2 T slim 65-40	440	340	170	122	75	295	DN65	35,9
Ego 2 T slim 65-80	440	340	170	122	75	295	DN65	35,9
Ego 2 T slim 65-120	440	340	170	122	75	305	DN65	35,9
Ego 2 T slim 65/180	440	340	170	122	75	355	DN65	47,0
Ego 2 T slim 80-40	492	360	180	122	93	307	DN80	45,50
Ego 2 T slim 80-80	492	360	180	122	93	317	DN80	56,50
Ego 2 T slim 80/120	492	360	180	122	93	317	DN80	56,50
Ego 2 T slim 80/180	492	360	180	122	93	317	DN80	57,50
Ego 2 T slim 100/80	492	450	225	122	103	369	DN100	64,00
Ego 2 T slim 100/120	492	450	225	122	103	369	DN100	64,00
Ego 2 T slim 100/180	492	450	225	122	103	369	DN100	64,00

DIMENSIONS and WEIGHT

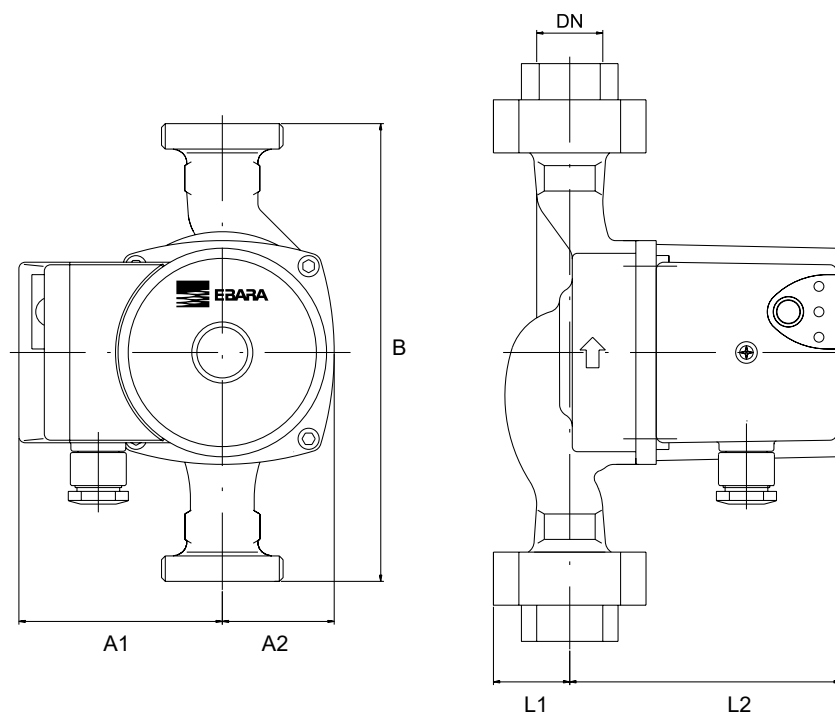
Rev. C

Ego WB-BT

Pump Type	Dimensions [mm]				Weight [kgf]
	A	L	B	DN	
Ego W B	81	131	81	G 1	1,3
Ego W BT	81	131	81	G 1	1,3

DIMENSIONS and WEIGHT

Rev. C

Ego B

Pump Type	Dimensions [mm]							Weight [kgf]
	A	A1	A2	B	L1	L2	DN	
Ego B 25/40-130	128	80	48	130	32	108	G 1 1/2	2,5
Ego B 25/60-130	106	53	130	130	32	108	G 1 1/2	2,5
Ego B 25/80-130	106	53	130	130	32	108	G 1 1/2	2,5

TECHNICAL DATA

Rev. C

MOTOR DATA Ego W1 - W2 - 2 (TECH)

Pump Type	Power [W]	EEI	Current [A]
Ego W1 15/40-130	23	$\leq 0,20$	0,2
Ego W1 15/40-180	23	$\leq 0,20$	0,2
Ego W1 25/40-130	23	$\leq 0,20$	0,2
Ego W1 25/40-180	23	$\leq 0,20$	0,2
Ego W1 15/60-130	42	$\leq 0,20$	0,2
Ego W1 15/60-180	42	$\leq 0,20$	0,2
Ego W1 25/60-130	42	$\leq 0,20$	0,2
Ego W1 25/60-180	42	$\leq 0,20$	0,2

Ego W2 15/60-130	45	$\leq 0,18$	0,3
Ego W2 15/60-180	45	$\leq 0,18$	0,3
Ego W2 25/60-130	45	$\leq 0,18$	0,3
Ego W2 25/60-180	45	$\leq 0,18$	0,3
Ego W2 15/80-130	80	$\leq 0,21$	0,45
Ego W2 15/80-180	80	$\leq 0,21$	0,45
Ego W2 25/80-130	80	$\leq 0,21$	0,45
Ego W2 25/80-180	80	$\leq 0,21$	0,45
Ego W2 32/80-180	80	$\leq 0,21$	0,45

Ego 2 (Tech) 15/40-130	20	$\leq 0,13$	0,2
Ego 2 (Tech) 25/40-130	20	$\leq 0,13$	0,2
Ego 2 (Tech) 15/60-130	35	$\leq 0,16$	0,3
Ego 2 (Tech) 25/60-130	35	$\leq 0,16$	0,3
Ego 2 (Tech) 25/80-130	50	$\leq 0,18$	0,45
Ego 2 (Tech) 25/40-180	20	$\leq 0,13$	0,2
Ego 2 (Tech) 32/40-180	20	$\leq 0,13$	0,2
Ego 2 (Tech) 25/60-180	35	$\leq 0,16$	0,3
Ego 2 (Tech) 32/60-180	35	$\leq 0,16$	0,3
Ego 2 (Tech) 25/80-180	50	$\leq 0,18$	0,45
Ego 2 (Tech) 32/80-180	50	$\leq 0,18$	0,45

TECHNICAL DATA

Rev. C

MOTOR DATA Ego T

Pump Type	Power [W]	EEI	Current [A]
Ego T 25/60-180	35	$\leq 0,16$	0,4
Ego T 32/60-180	35	$\leq 0,20$	0,4
Ego T 25/80-180	55	$\leq 0,23$	0,60
Ego T 32/80-180	55	$\leq 0,22$	0,60

TECHNICAL DATA

Rev. C

MOTOR DATA Ego 2 (B) (T) easy

Pump Type	Power [W]	EEI	Current [A]
Ego 2 easy 25-60	100	$\leq 0,18$	0,8
Ego 2 easy 25-80	145	$\leq 0,18$	1,1
Ego 2 easy 25-100	160	$\leq 0,18$	1,2
Ego 2 easy 25-120	160	$\leq 0,18$	1,2
Ego 2 easy 32-40	160	$\leq 0,18$	0,6
Ego 2 easy 32-60	145	$\leq 0,18$	0,8
Ego 2 easy 32-80	145	$\leq 0,18$	1,1
Ego 2 easy 32-100	160	$\leq 0,18$	1,2
Ego 2 easy 32-120	160	$\leq 0,18$	1,2
Ego 2 easy 32-100F	160	$\leq 0,18$	1,2
Ego 2 easy 40-60F	100	$\leq 0,18$	0,8
Ego 2 easy 40-100F	160	$\leq 0,18$	1,2
Ego 2 easy 50-100F	160	$\leq 0,18$	1,2
Ego 2 T easy 32-40	2 x 70	$\leq 0,18$	0,6
Ego 2 T easy 32-60	2 x 100	$\leq 0,18$	0,8
Ego 2 T easy 32-80	2 x 145	$\leq 0,18$	1,1
Ego 2 T easy 32-100	2 x 160	$\leq 0,18$	1,2
Ego 2 T easy 32-120	2 x 160	$\leq 0,18$	1,2
Ego 2 T easy 40-100F	2 x 160	$\leq 0,18$	1,2

TECHNICAL DATA

Rev. C

MOTOR DATA Ego 2 (B) (T) slim

Pump Type	Power [W]	EEI	Current [A]
Ego 2 (T) slim 32-120	370	$\leq 0,20$	1,8
Ego 2 (T) slim 40-40/220	110	$\leq 0,20$	1,0
Ego 2 (T) slim 40-40/250	110	$\leq 0,20$	1,0
Ego 2 (T) slim 40-80/220	270	$\leq 0,20$	1,4
Ego 2 (T) slim 40-80/250	270	$\leq 0,20$	1,4
Ego 2 (T) slim 40-120	480	$\leq 0,20$	2,2
Ego 2 (T) slim 40-180	680	$\leq 0,21$	3,4
Ego 2 (T) slim 50-40	160	$\leq 0,20$	1,4
Ego 2 (T) slim 50-80	370	$\leq 0,20$	1,7
Ego 2 (T) slim 50-120	560	$\leq 0,20$	2,5
Ego 2 (T) slim 50-180	830	$\leq 0,20$	3,6
Ego 2 (T) slim 65-40	230	$\leq 0,20$	1,1
Ego 2 (T) slim 65-80	560	$\leq 0,20$	2,5
Ego 2 (T) slim 65-120	810	$\leq 0,20$	3,5
Ego 2 (T) slim 65/180	1550	$\leq 0,20$	6,6
Ego 2 (T) slim 80-40	390	$\leq 0,20$	1,8
Ego 2 (T) slim 80-80	800	$\leq 0,20$	3,5
Ego 2 (T) slim 80/120	1380	$\leq 0,20$	6,0
Ego 2 (T) slim 80/180	1550	$\leq 0,20$	6,6
Ego 2 (T) slim 100/80	1100	$\leq 0,20$	4,7
Ego 2 (T) slim 100/120	1550	$\leq 0,20$	6,6
Ego 2 (T) slim 100/180	1550	$\leq 0,20$	6,6

MOTOR DATA Ego WB/WBT

Pump Type	Power [W]	EEI	Current [A]
Ego W B	6,5	$\leq 0,20$	0,1
Ego W BT	7,0	$\leq 0,20$	0,1

MOTOR DATA Ego B

Pump Type	Power [W]	EEI	Current [A]
Ego B 25/40-130	20	$\leq 0,20$	0,2
Ego B 25/60-130	35	$\leq 0,20$	0,4
Ego B 25/80-130	55	$\leq 0,20$	0,6



EBARA Pumps Europe S.p.A.
Via Torri di Confine 2/1 int. C
36053 Gambellara (Vicenza), Italy
Phone +39 0444 706811
ebarapumps.epe@ebaracom
www.ebaraeurope.com

EBARA Pumps Europe S.p.A. GERMANY
Elisabeth-Selbert-Straße 2
63110 Rodgau, Germany
Phone +49 (0) 6106-660 99-0
info.epde@ebaracom

EBARA Pumps South Africa (PTY) LTD
26 Kyalami Boulevard,
Kyalami Business Park, 1684, Midrand,
Gauteng, South Africa
Phone +27 11 466 1844
ebaraeurope@ebaracom

EBARA Pumps Europe S.p.A. UK
Unit A, Park 34
Collett Way - Didcot
Oxfordshire - OX11 7WB, United Kingdom
Phone +44 1895 439027
marketing.epuk@ebaracom

EBARA Pumps Europe S.p.A. FRANCE 122,
Rue Pasteur
69780 Toussieu, France
Phone: +33 04 72 76 94 82
mktg.epr@ebaracom

EBARA Pumps East Africa
Delta Corner Tower 2, 13th Floor, Office 1308,
Chiromo Road, Westlands
P.O. Box 13796-00800, Nairobi
Tel.: +254(0)722913119
info.epea@ebaracom

EBARA POMPY POLSKA Sp. z o.o.
ul. Działkowa 115 A
02-234 Warszawa, Poland
Phone +48 22 3909920
marketing.epl@ebaracom

EBARA Pumps RUS Ltd.
Prospekt Andropov 18, building 7, floor 11
115432 Moscow
Phone +7 499 6830133
mktg.epr@ebaracom

EBARA Pumps Europe Nordic
Gustav III Boulevard 34,
169 73 Solna, Sweden
info.epen@ebaracom