

Looking ahead,  
going beyond expectations  
*Ahead > Beyond*



**Ego**

Data Book 50/60Hz



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Rev. C

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## SPECIFICATIONS

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| 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<br>min. +5 for Ego W1, Ego WB<br>max. +110 for Ego W, Ego 2, Ego 2 easy, Ego 2 slim<br>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 <sup>-1</sup> ] | ≈ 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

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**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 |     |

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**SELECTION CHART Ego T**

| Pump Type       | Q=Capacity                        |     |     |     |     |     |     |     |
|-----------------|-----------------------------------|-----|-----|-----|-----|-----|-----|-----|
|                 | l/min                             | 0   | 10  | 20  | 30  | 40  | 50  | 60  |
|                 | m <sup>3</sup> /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

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## 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  | -    |

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**SELECTION CHART Ego W B (T)**

| Pump Type | Q=Capacity                        |      |      |      |      |      |      |
|-----------|-----------------------------------|------|------|------|------|------|------|
|           | l/min                             | 0    | 10   | 20   | 30   | 40   | 50   |
|           | m <sup>3</sup> /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**

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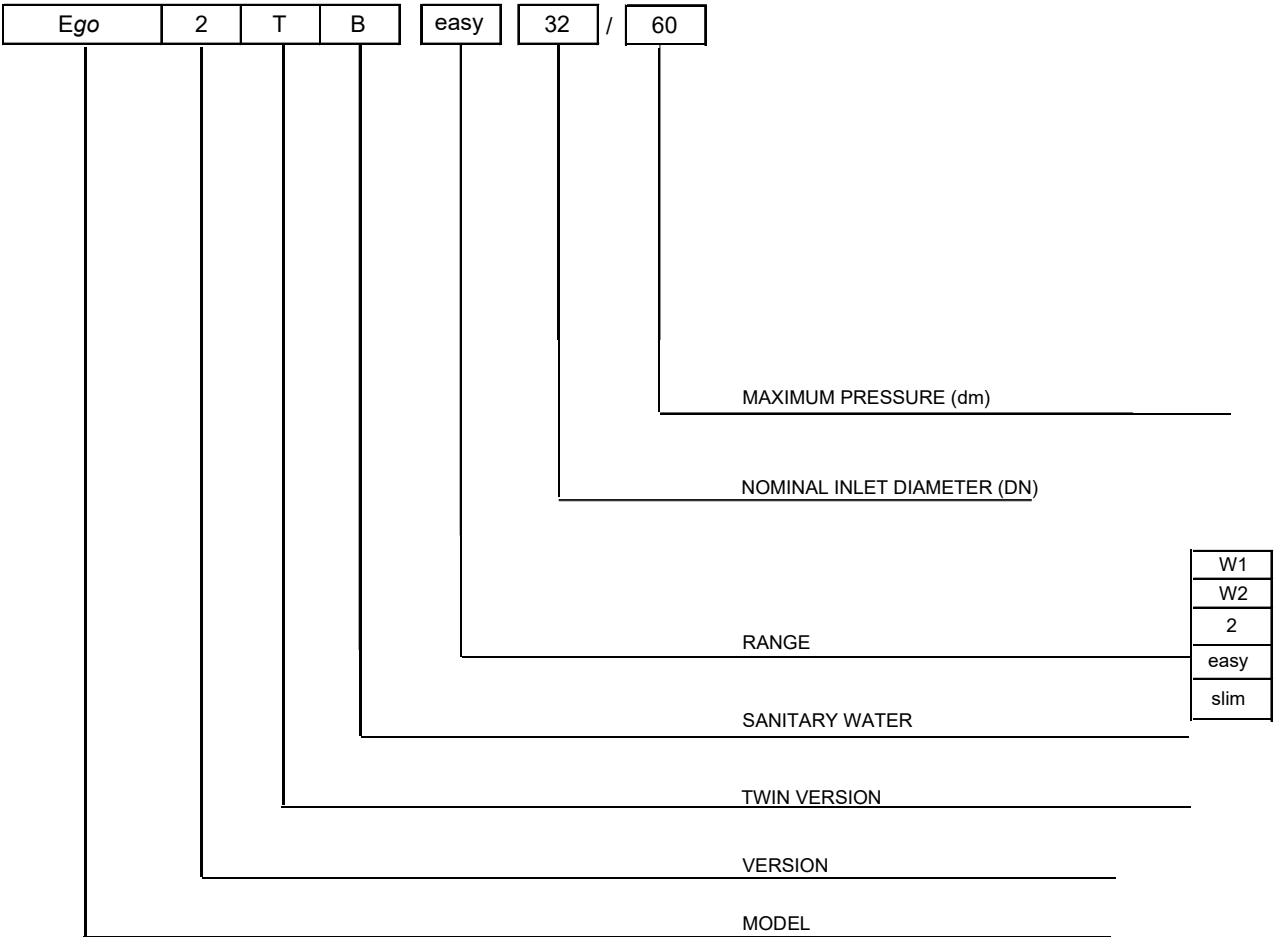
**SELECTION CHART Ego B**

| Pump Type       | Q=Capacity                        |     |     |     |     |     |     |     |
|-----------------|-----------------------------------|-----|-----|-----|-----|-----|-----|-----|
|                 | l/min                             | 0   | 10  | 20  | 30  | 40  | 50  | 60  |
|                 | m <sup>3</sup> /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

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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)
- $\eta$  = pump efficiency
- NPSH = net positive suction head required by the pump
- EEl = Energy Efficiency Index

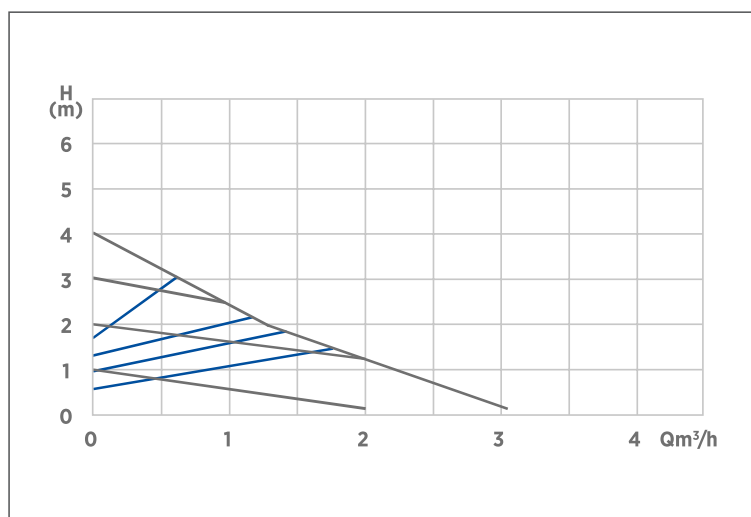
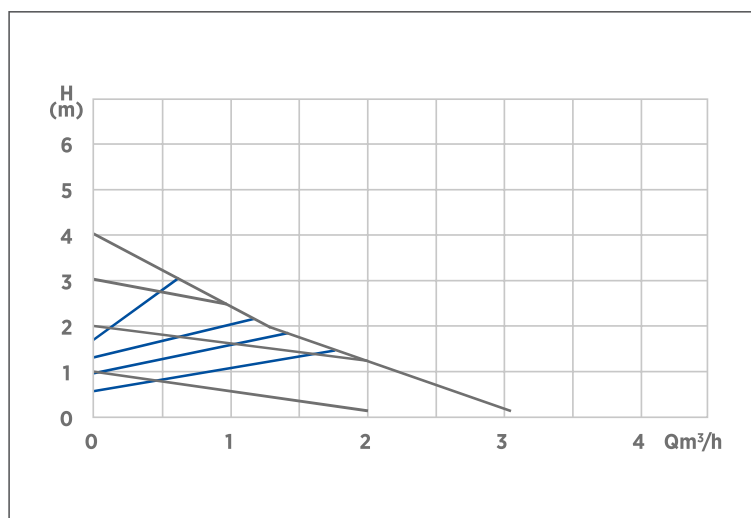
The Energy Efficiency Index (EEl) is a measure of the quality of a pump size in respect to its mean efficiency. The Energy Efficiency index is based on total efficiency of the circulators and service simulating the variance in a heating system.

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**

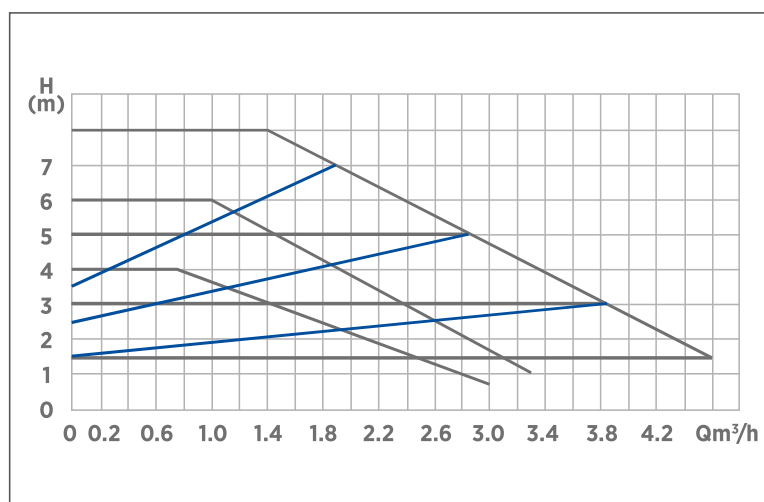
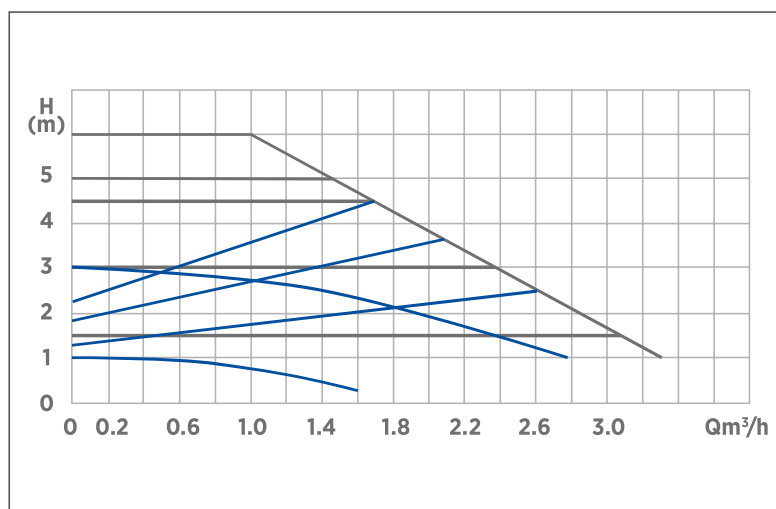
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**Ego W1 -/40****Ego W1 -/60**

Test standard: ISO 9906:2012 – Grade 3B

**PERFORMANCE CURVE**

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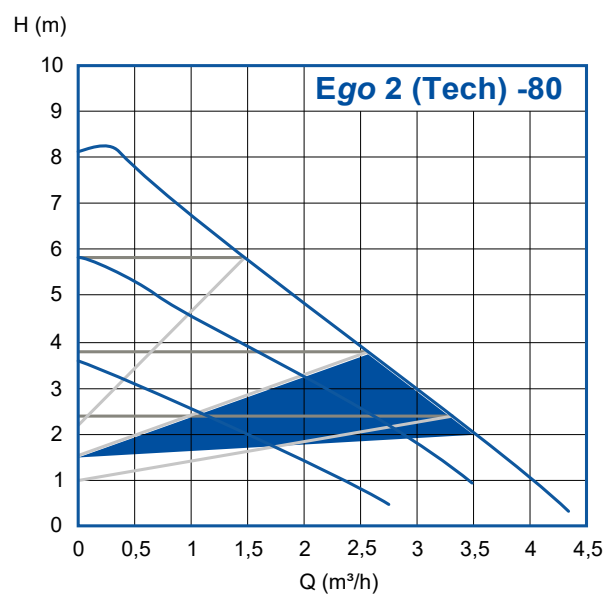
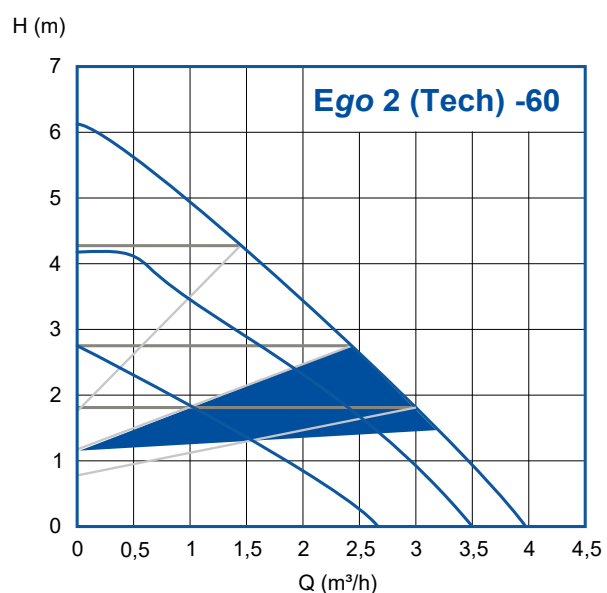
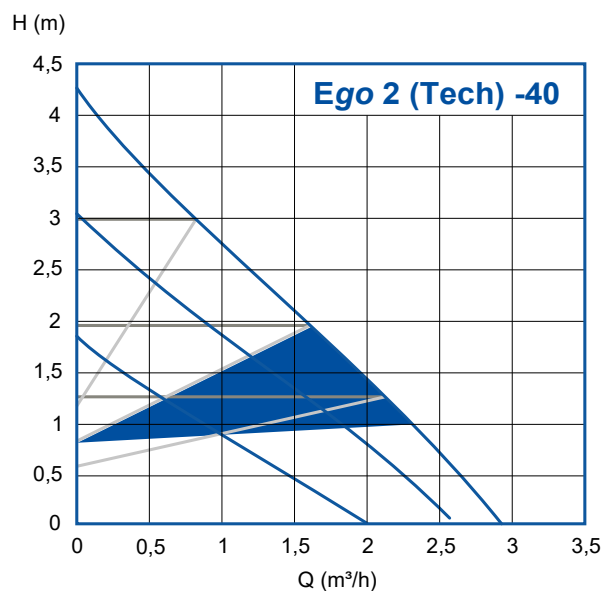
**Ego W2 -/60****Ego W2 -/80**

Test standard: ISO 9906:2012 – Grade 3B

## PERFORMANCE CURVE

Rev. C

## Ego 2 (Tech)

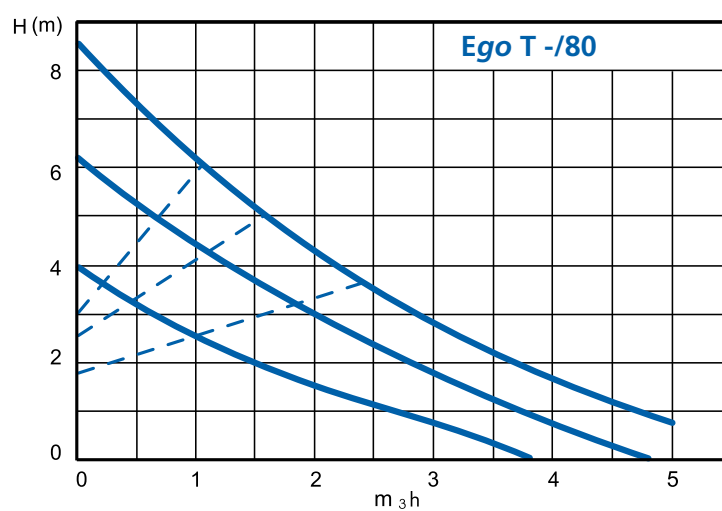
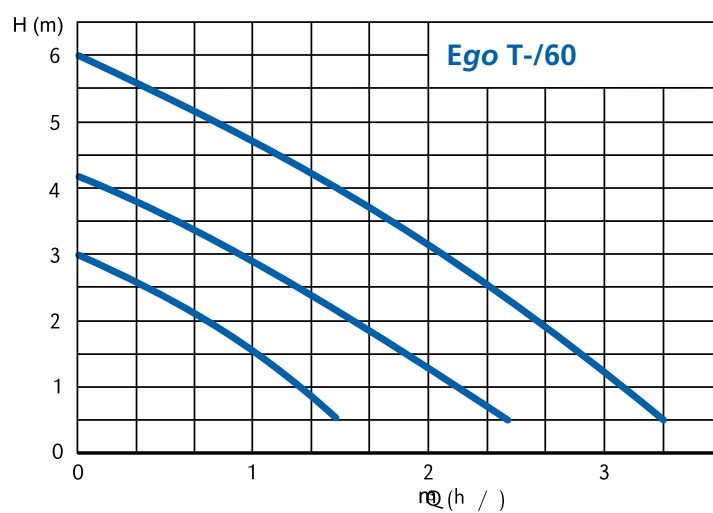


Test standard: ISO 9906:2012 – Grade 3B

## PERFORMANCE CURVE

Rev. C

## Ego T

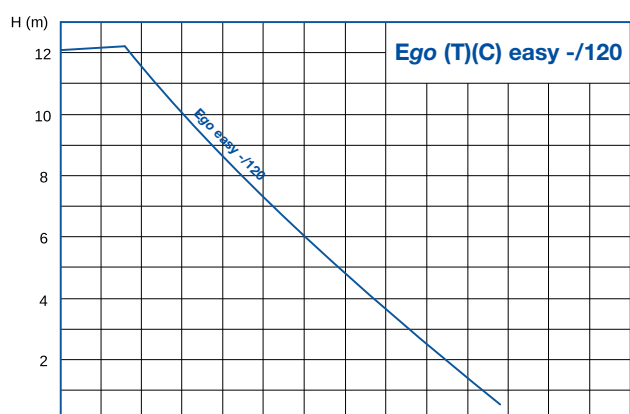
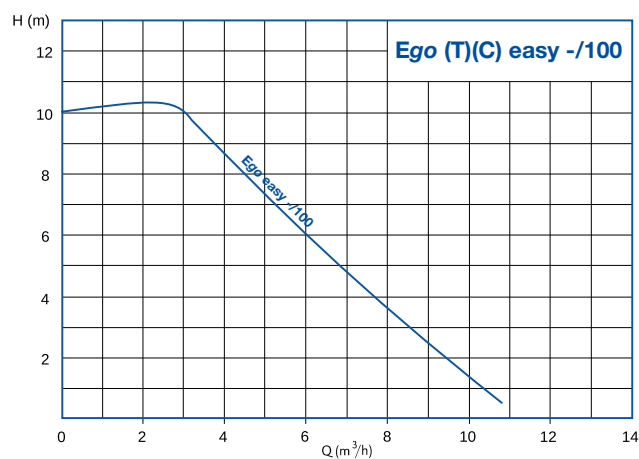
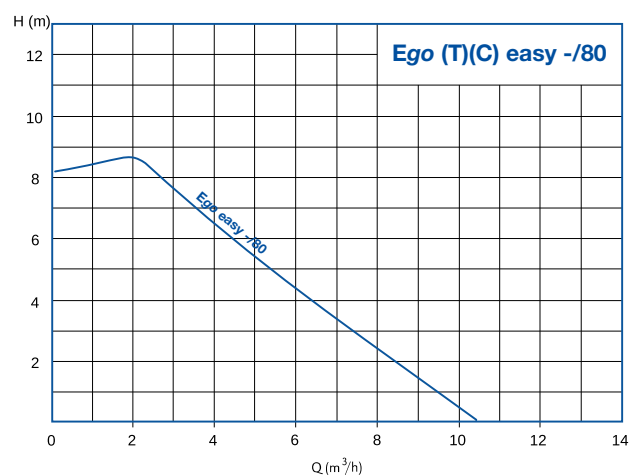
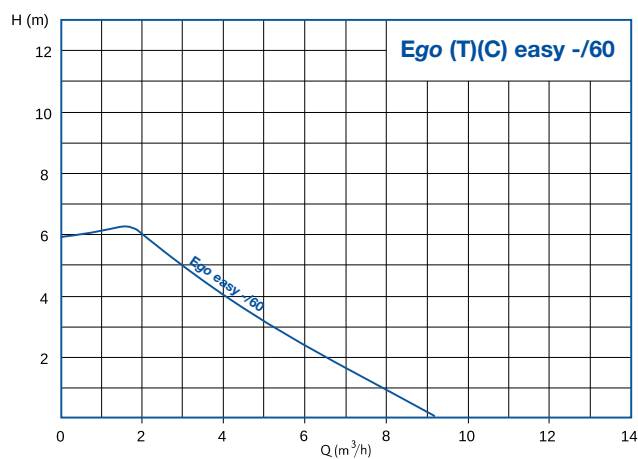
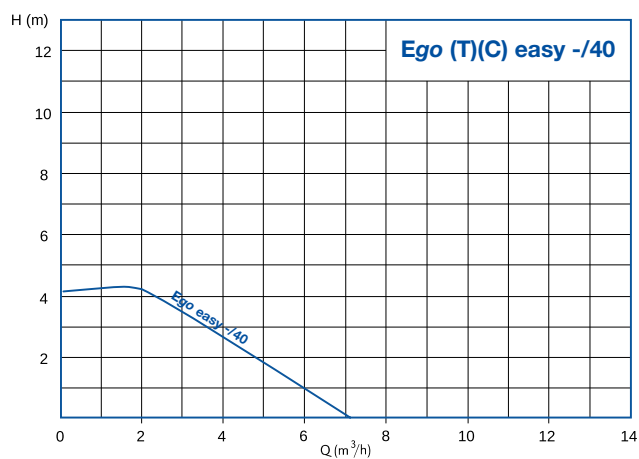


Test standard: ISO 9906:2012 – Grade 3B

## PERFORMANCE CURVE

Rev. C

## Ego 2 easy



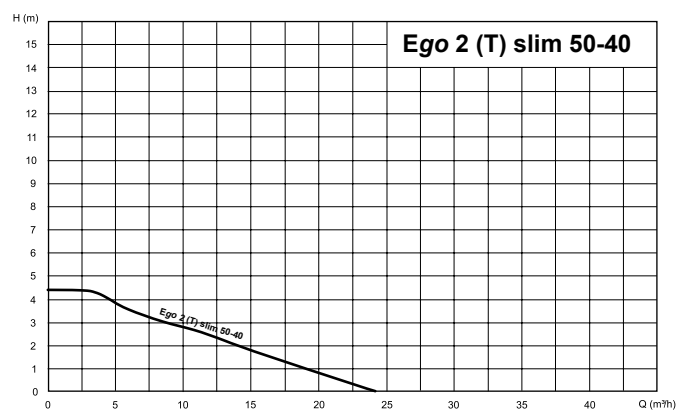
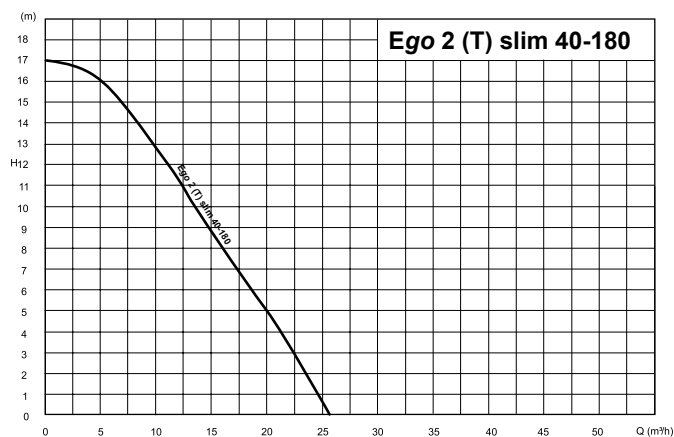
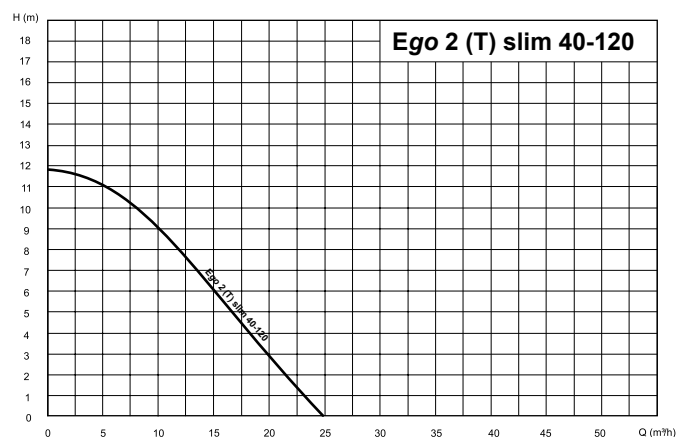
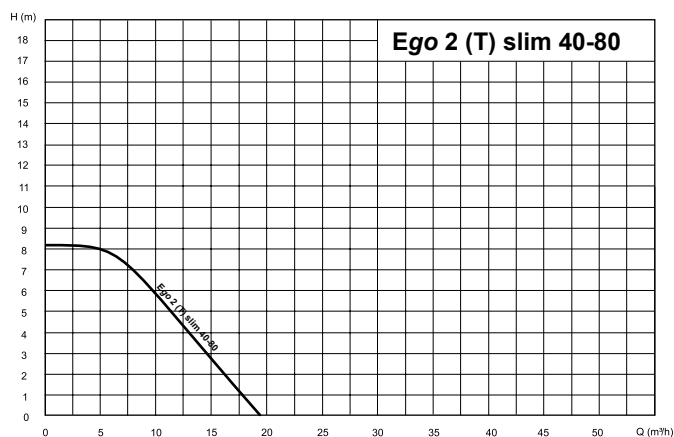
Test standard: ISO 9906:2012 – Grade 3B

0 2 4 6 8 10 12 14

## PERFORMANCE CURVE

Rev. C

### Ego 2 slim

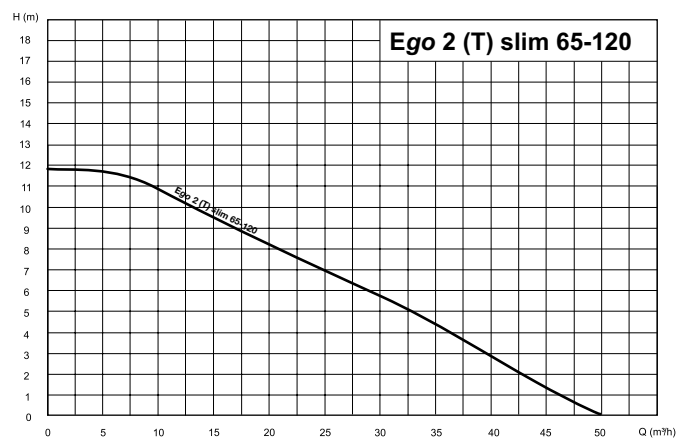
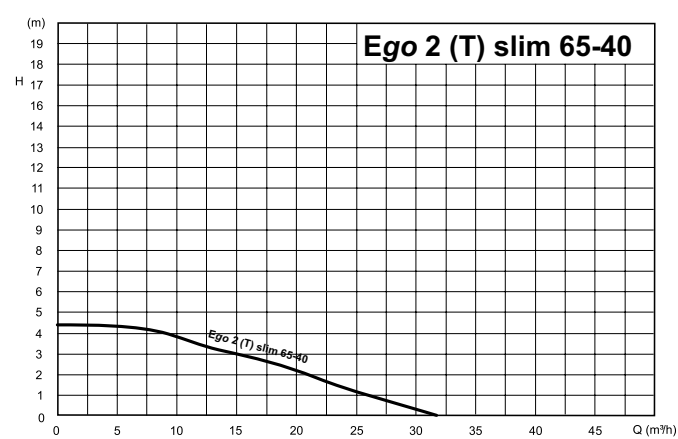
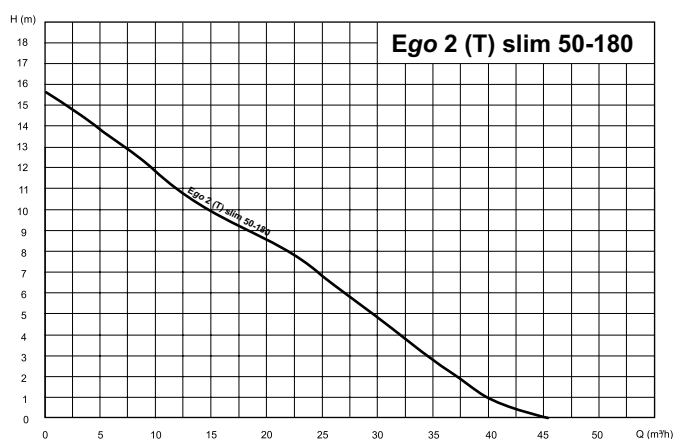
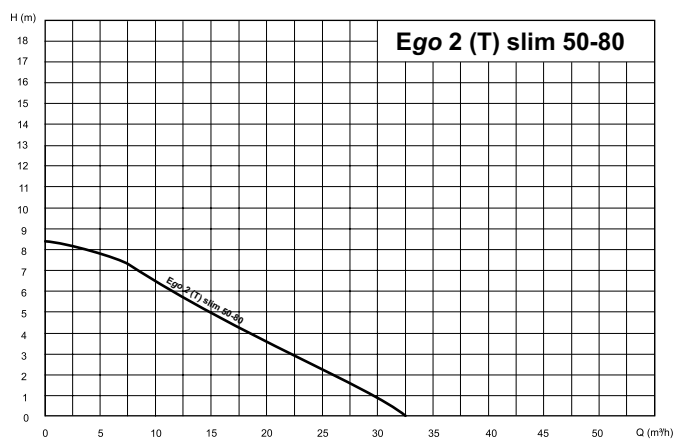


Test standard: ISO 9906:2012 – Grade 3B

## PERFORMANCE CURVE

Rev. C

## Ego 2 slim

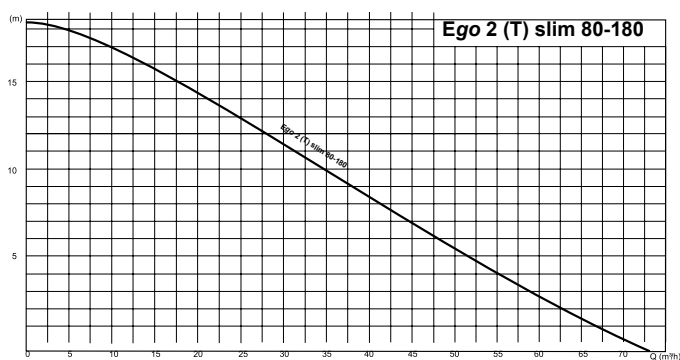
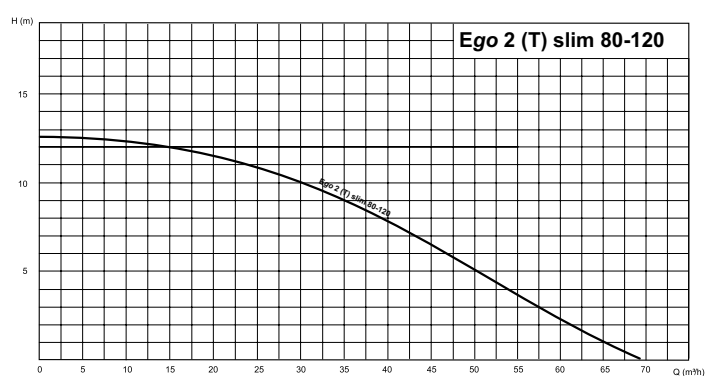


Test standard: ISO 9906:2012 – Grade 3B

## PERFORMANCE CURVE

Rev. C

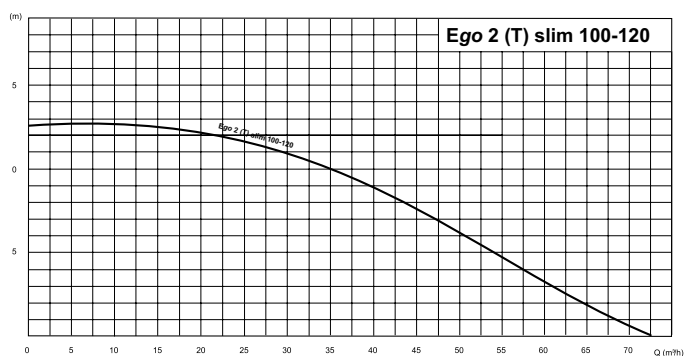
## Ego 2 slim



Test standard: ISO 9906:2012 – Grade 3B

**PERFORMANCE CURVE**

Rev. C

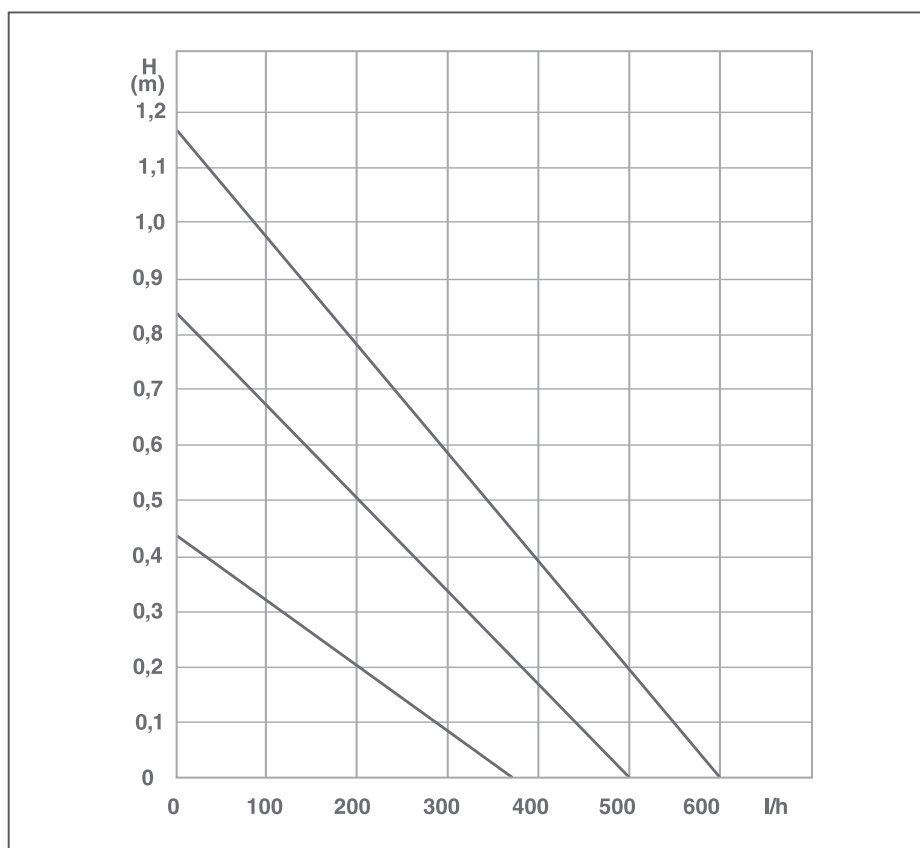
**Ego 2 slim**

Test standard: ISO 9906:2012 – Grade 3B

**PERFORMANCE CURVE**

Rev. C

**Ego W B**  
**Ego W B T**

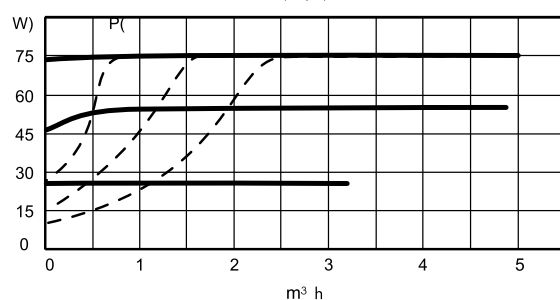
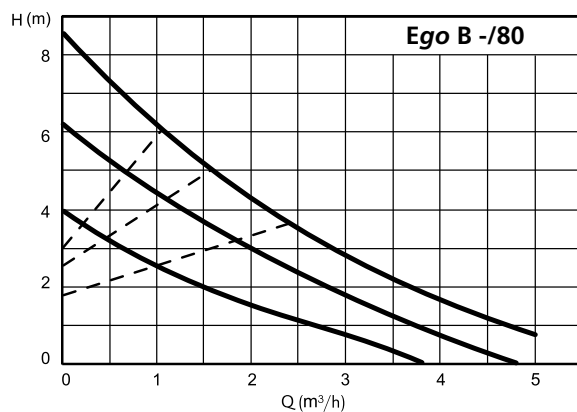
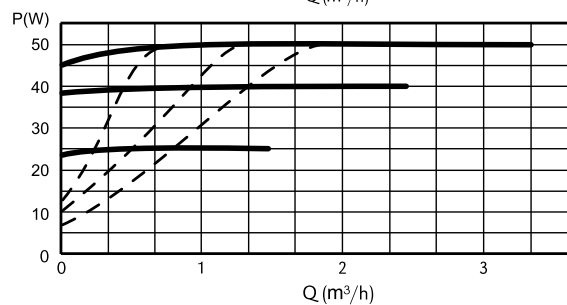
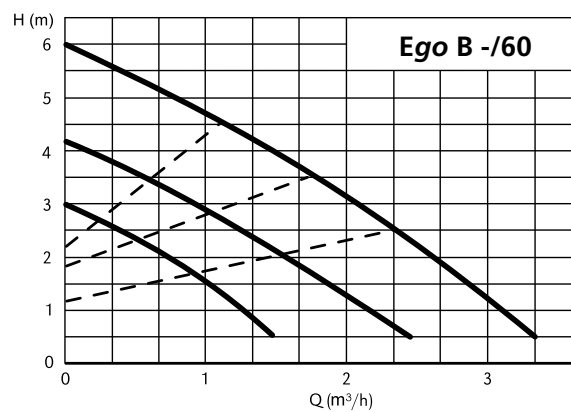
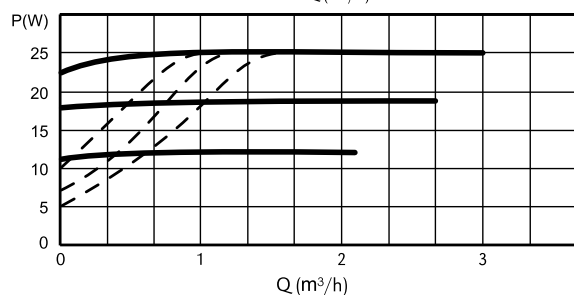
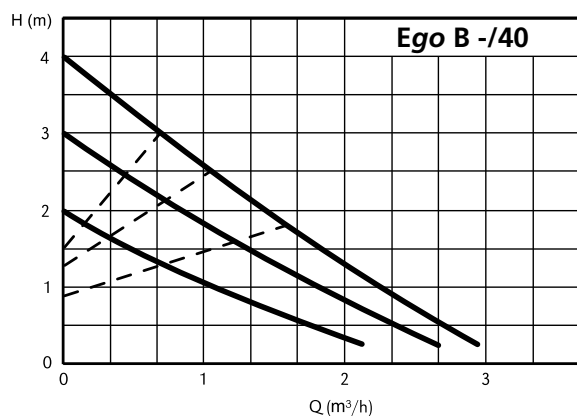


Test standard: ISO 9906:2012 – Grade 3B

## PERFORMANCE CURVE

Rev. C

## Ego B

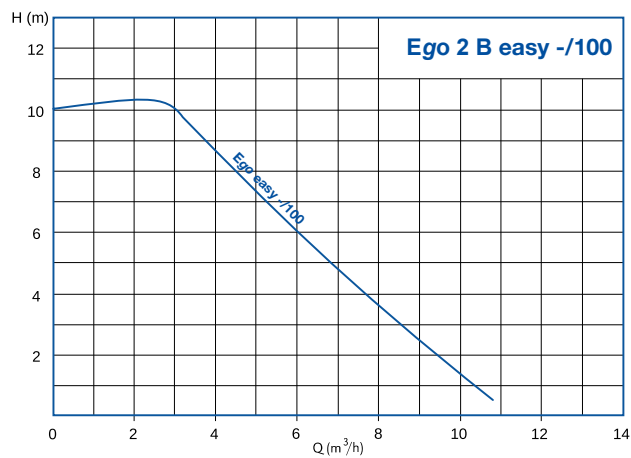
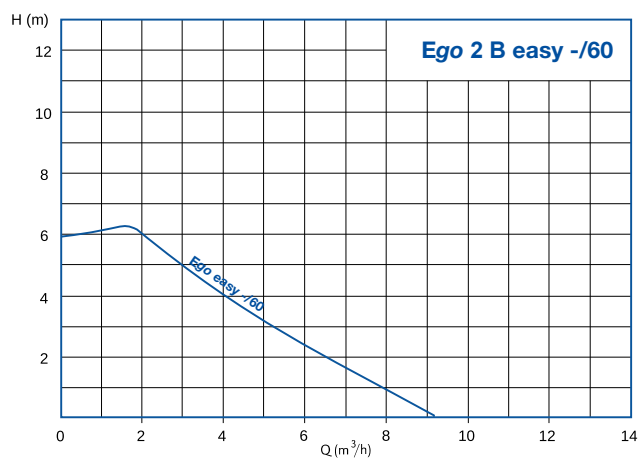


Test standard: ISO 9906:2012 – Grade 3B

## PERFORMANCE CURVE

Rev. C

## Ego 2 B easy

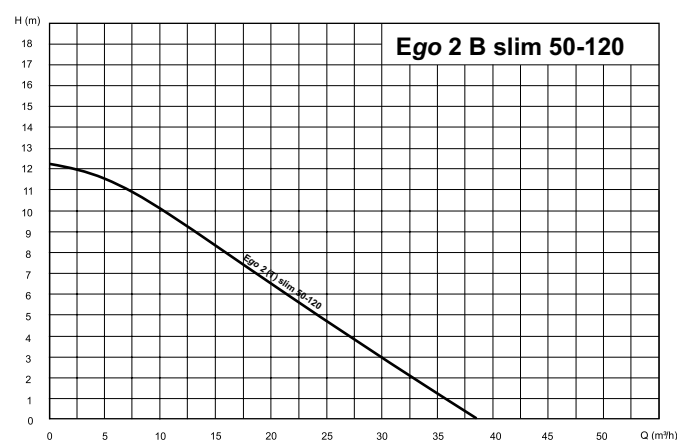
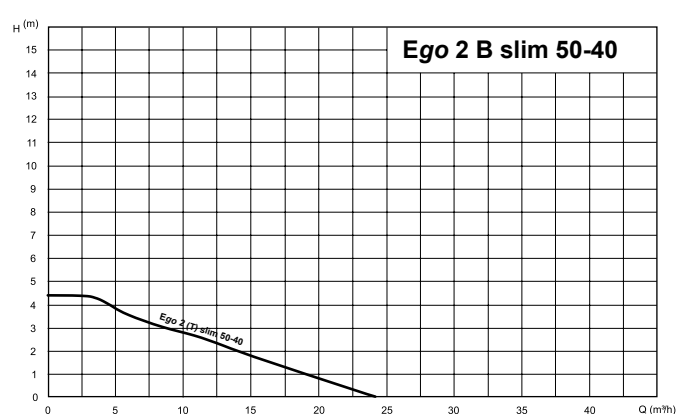
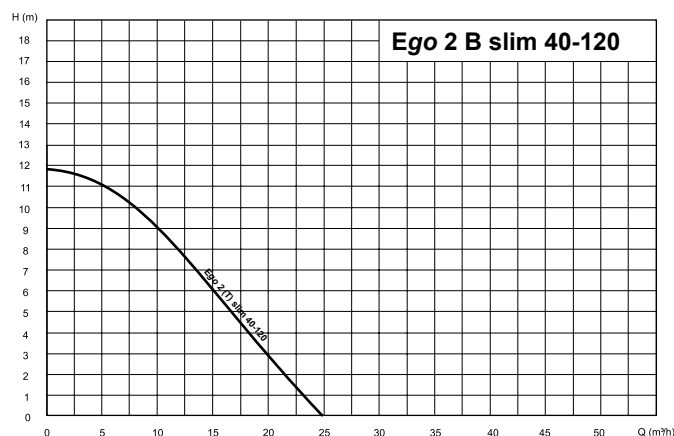


Test standard: ISO 9906:2012 – Grade 3B

## PERFORMANCE CURVE

Rev. C

## Ego 2 B slim

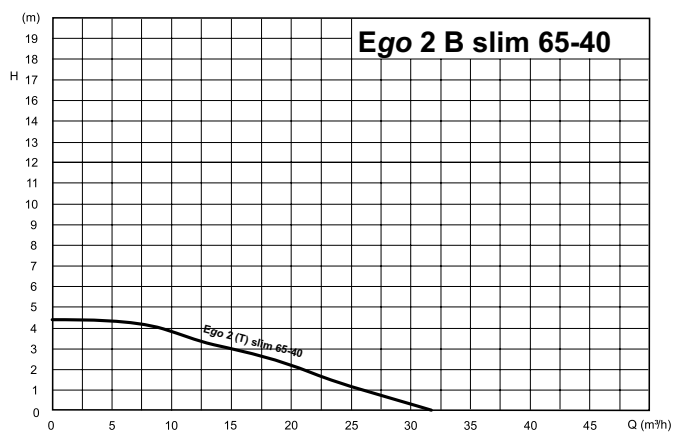


Test standard: ISO 9906:2012 – Grade 3B

## 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.

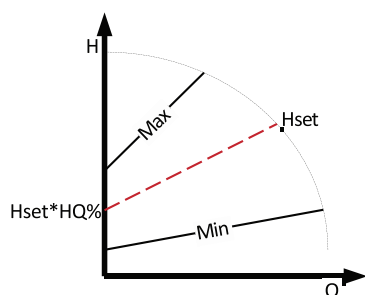


fig. A

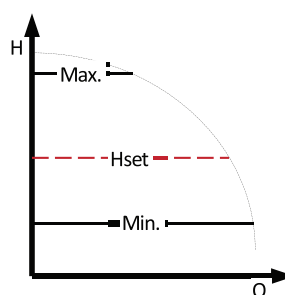


fig. B

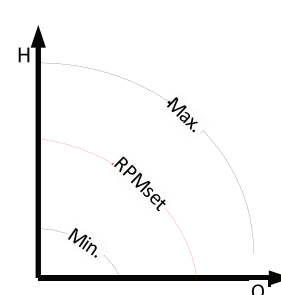


fig. C

**OPERATING MODES**

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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.**

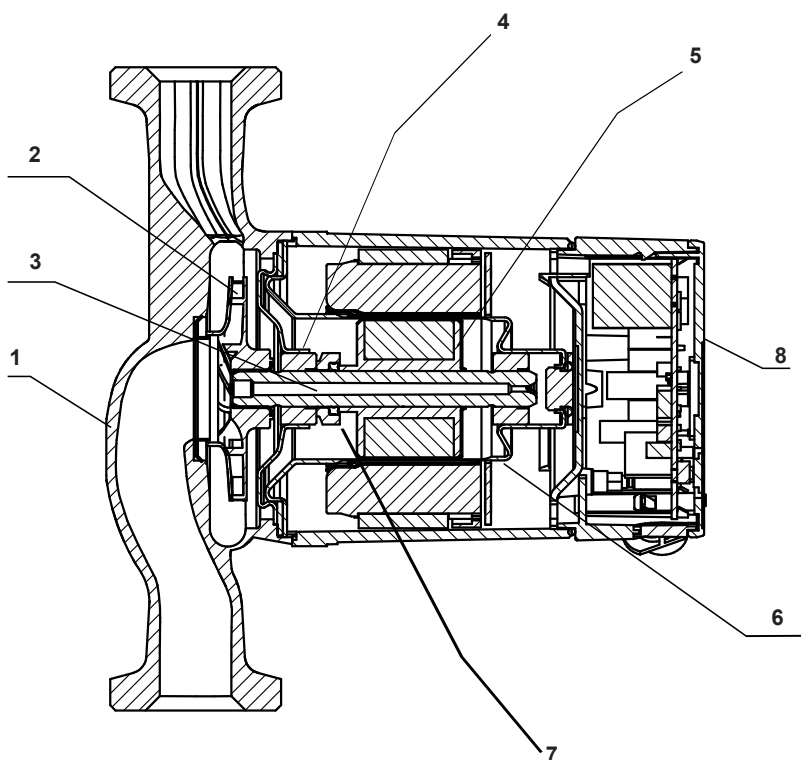
The parameters can not be set; they can only be scrolled through.

**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.

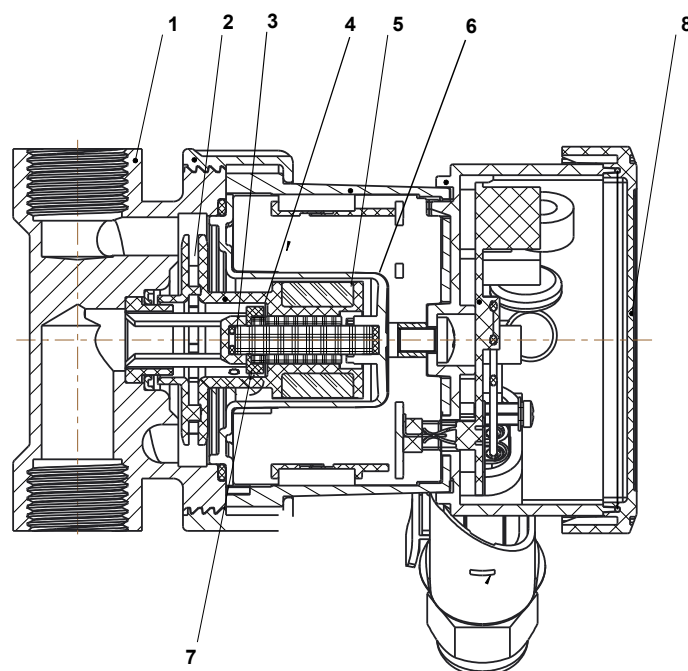
**Night mode can only work in compliment to other medes and is not a mode that can run by itself.**

## SECTIONAL VIEW Ego W1



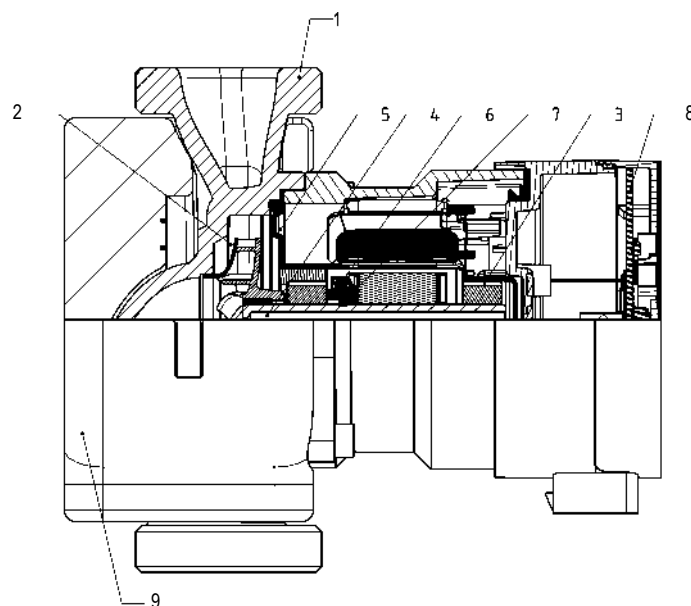
| No. | Component             | Material                            |
|-----|-----------------------|-------------------------------------|
| 1   | Pump body             | Cast iron with cataphoresis coating |
| 2   | Impeller              | Noryl                               |
| 3   | Shaft       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

## SECTIONAL VIEW Ego W2



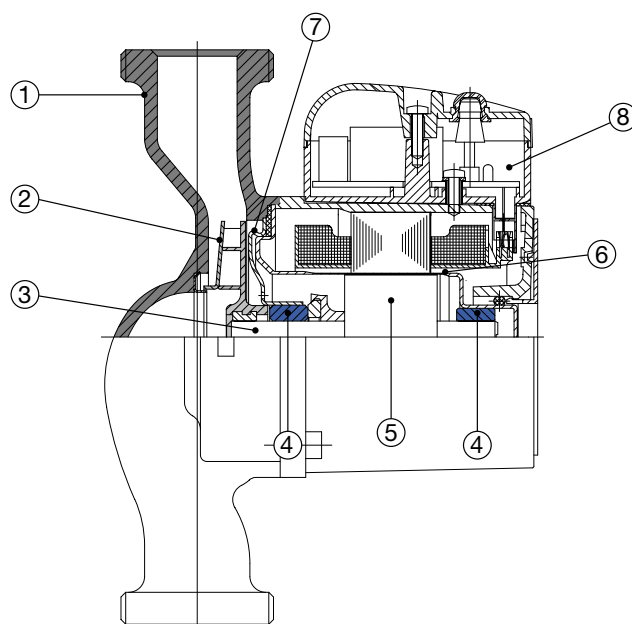
| No. | Component             | Material                            |
|-----|-----------------------|-------------------------------------|
| 1   | Pump body             | Cast iron with cataphoresis coating |
| 2   | Impeller              | Noryl                               |
| 3   | Shaft       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

## SECTIONAL VIEW Ego 2 (TECH)



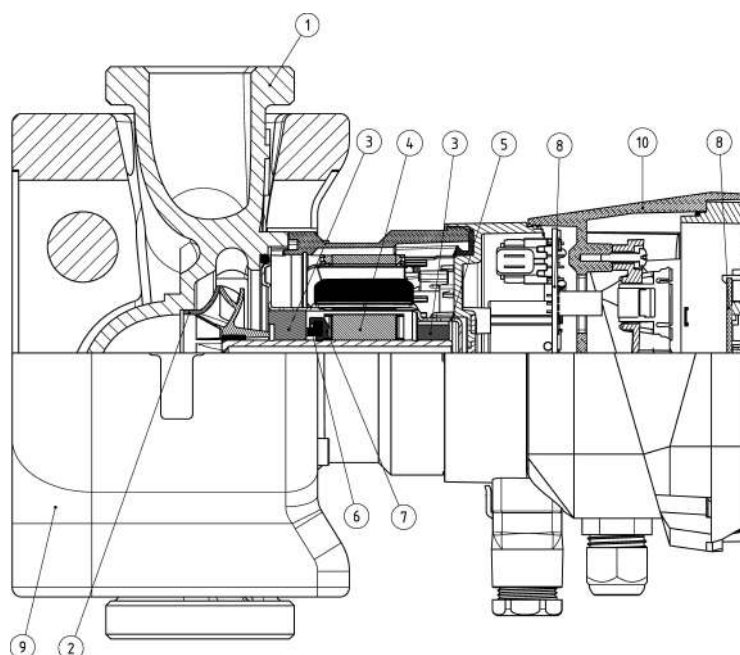
| No. | Component             | Material                            |
|-----|-----------------------|-------------------------------------|
| 1   | Pump body             | Cast iron with cataphoresis coating |
| 2   | Impeller              | Noryl                               |
| 3   | Bearings              | 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



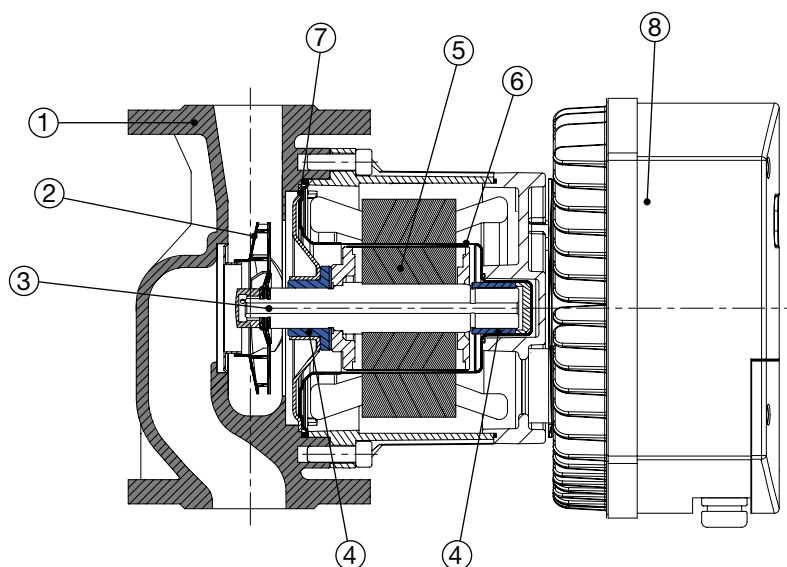
| No. | Component             | Material                    |
|-----|-----------------------|-----------------------------|
| 1   | Pump body             | Cast iron with cataphoresis |
| 2   | Impeller              | Noryl                       |
| 3   | Shaft                 | Inox                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

## SECTIONAL VIEW Ego 2 easy



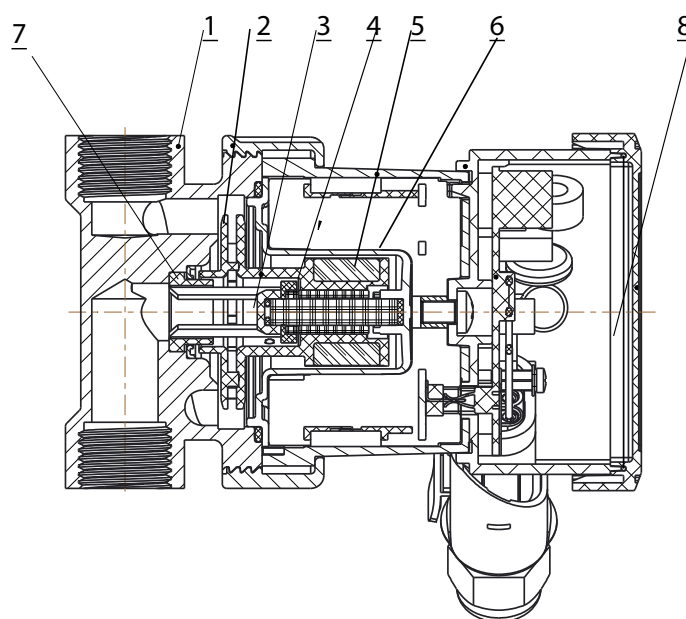
| No. | Component             | Material                            |
|-----|-----------------------|-------------------------------------|
| 1   | Pump body             | Cast iron with cataphoresis coating |
| 2   | Impeller              | Noryl                               |
| 3   | Bearings              | 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



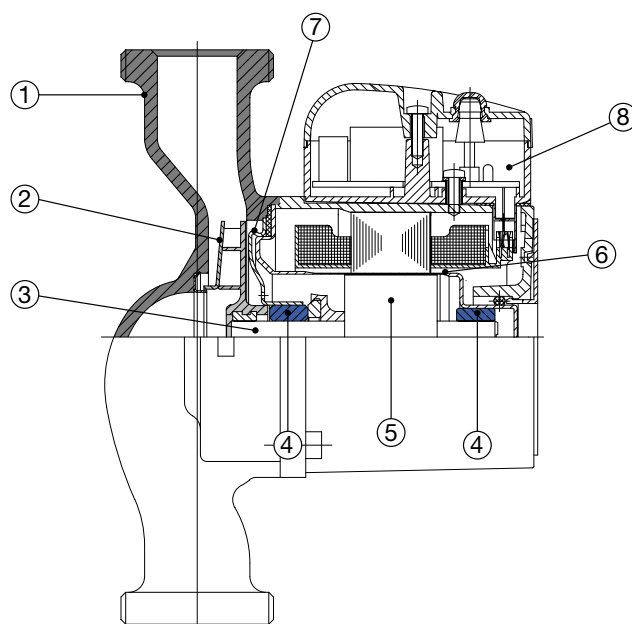
| No. | Component             | Material                            |
|-----|-----------------------|-------------------------------------|
| 1   | Pump body             | Cast iron with cataphoresis coating |
| 2   | Impeller              | Noryl                               |
| 3   | Shaft                 | 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



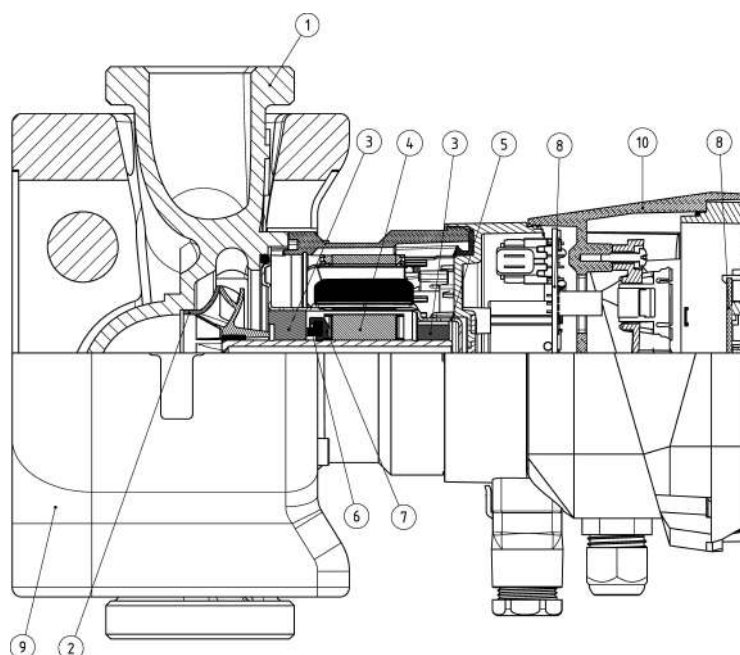
| No. | Component             | Material |
|-----|-----------------------|----------|
| 1   | Pump body             | Bronze   |
| 2   | Impeller              | Noryl    |
| 3   | Shaft                 | Inox     |
| 4   | Bearings              | Graphite |
| 5   | Rotor                 | Inox     |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

## SECTIONAL VIEW Ego B



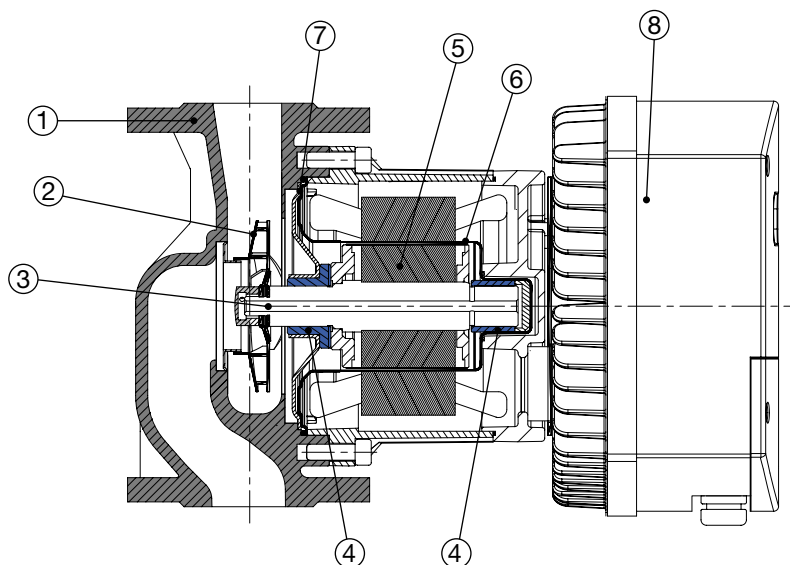
| No. | Component             | Material |
|-----|-----------------------|----------|
| 1   | Pump body             | Bronze   |
| 2   | Impeller              | Noryl    |
| 3   | Shaft                 | Inox     |
| 4   | Bearings              | Graphite |
| 5   | Rotor                 | Inox     |
| 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

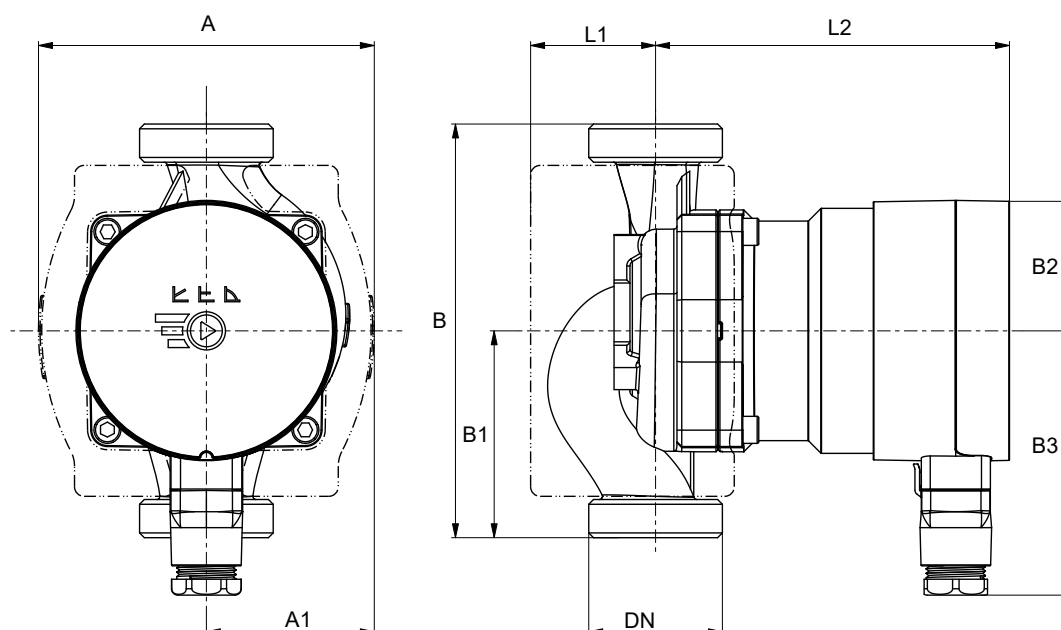


| No. | Component             | Material  |
|-----|-----------------------|-----------|
| 1   | Pump body             | Inox      |
| 2   | Impeller              | Noryl     |
| 3   | Shaft                 | Inox      |
| 4   | Bearings              | Graphite  |
| 5   | Rotor                 | Inox      |
| 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         |

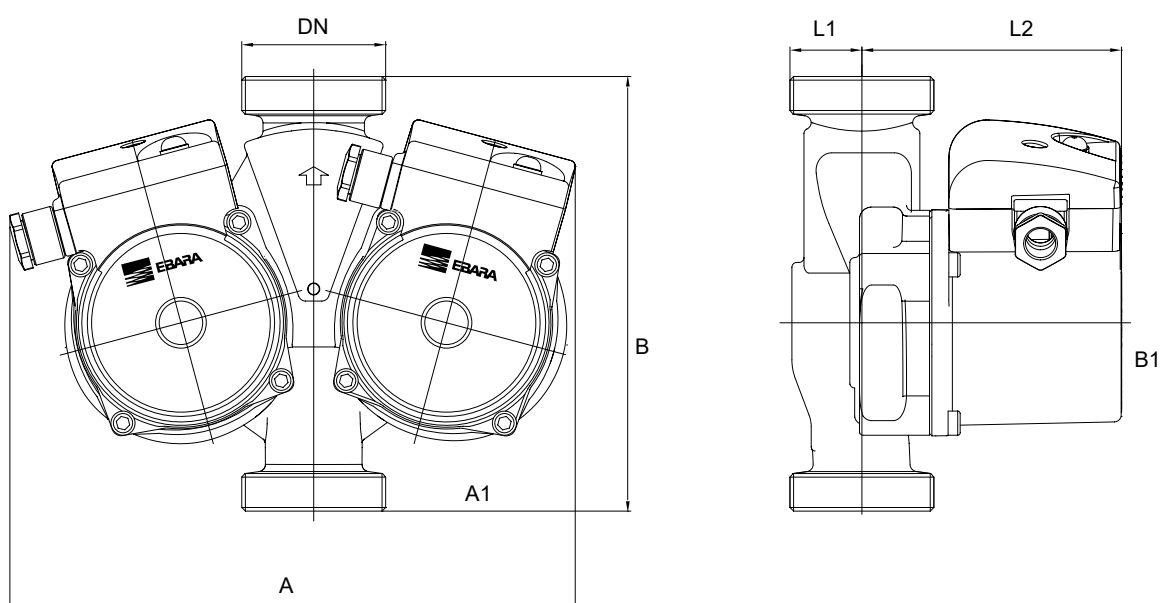
|                  |     |    |     |    |    |    |    |    |         |     |
|------------------|-----|----|-----|----|----|----|----|----|---------|-----|
| Ego W2 15/60-130 | 106 | 53 | 130 | 65 | 41 | 71 | 33 | 93 | G 1     | 2,1 |
| Ego W2 15/60-180 | 106 | 53 | 180 | 90 | 41 | 71 | 35 | 96 | G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

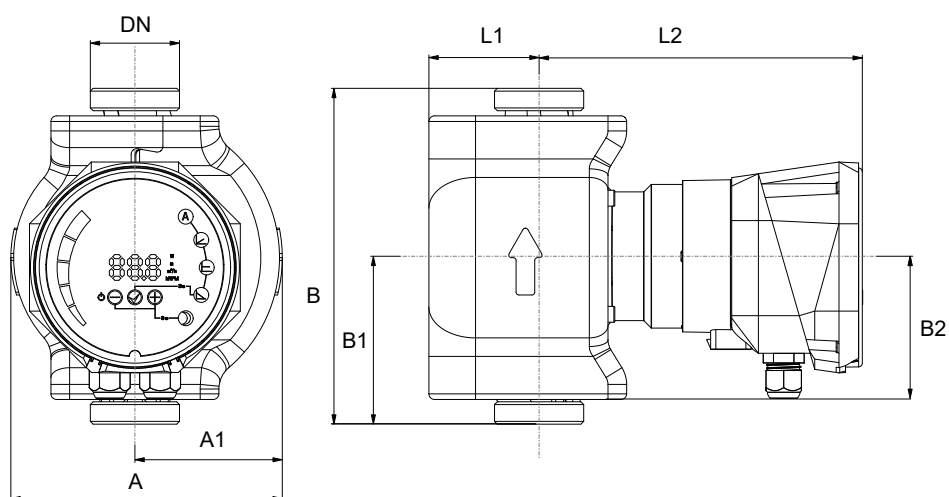


| Pump Type       | Dimensions [mm] |     |     |    |      |       |    | Weight [kgf] |
|-----------------|-----------------|-----|-----|----|------|-------|----|--------------|
|                 | A               | A1  | B   | B1 | L1   | L2    | DN |              |
| Ego T 25/60-180 | 234       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

## DIMENSIONS and WEIGHT

Rev. C

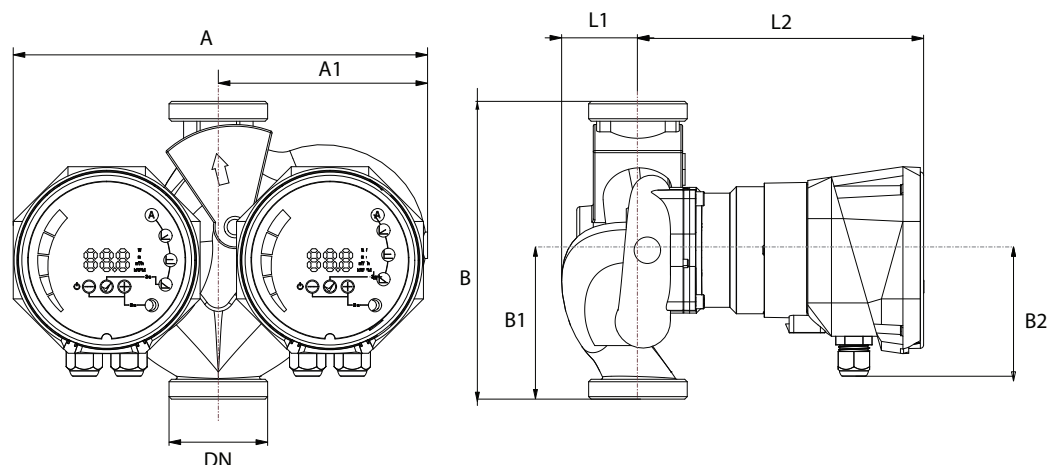
## Ego 2 (B) easy



| 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***

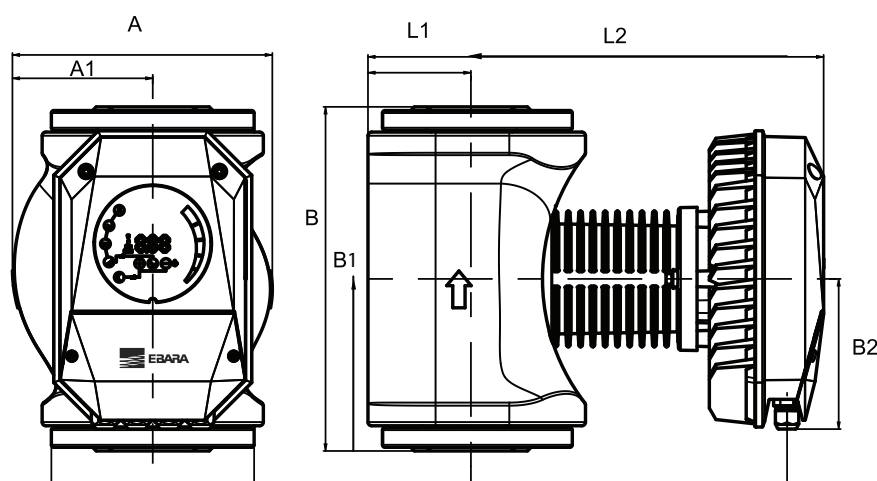
Rev. C

**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

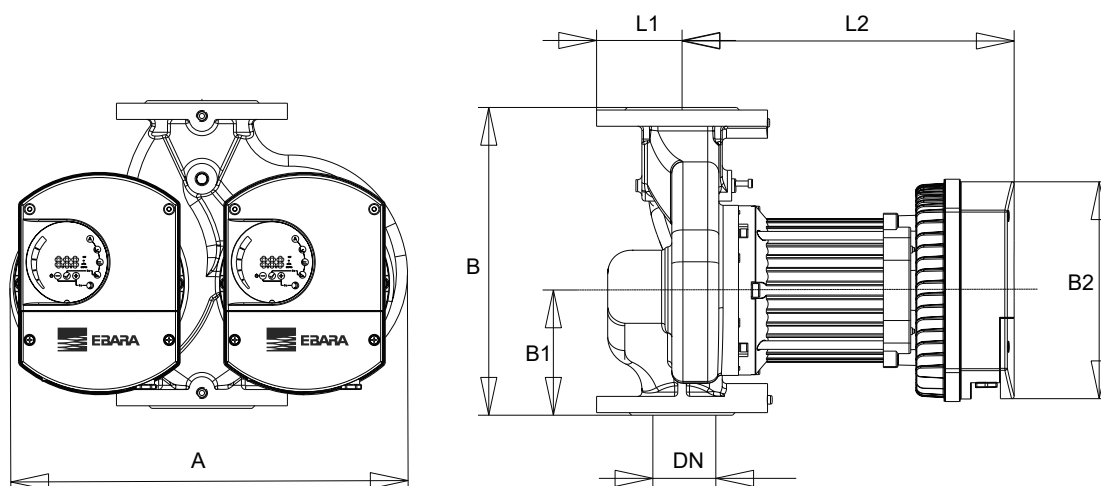
**Ego 2 (B) slim**

| 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

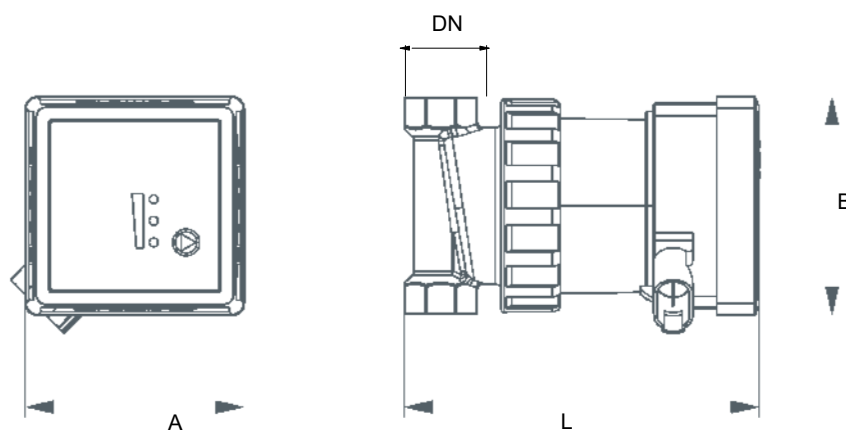
## Ego 2 T slim



| 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**

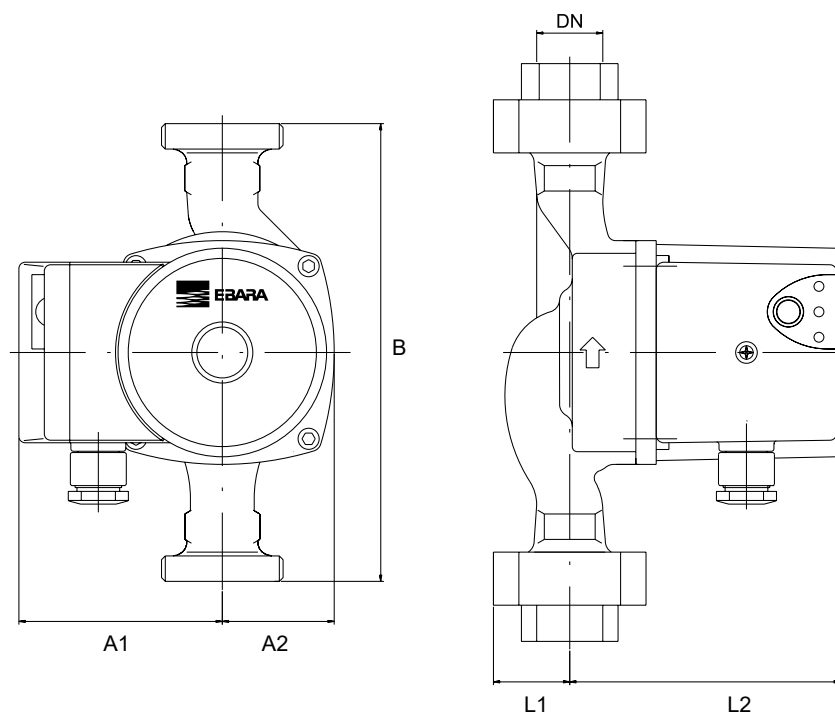
Rev. C

**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        | ≤ 0,20 | 0,2         |
| Ego W1 15/40-180 | 23        | ≤ 0,20 | 0,2         |
| Ego W1 25/40-130 | 23        | ≤ 0,20 | 0,2         |
| Ego W1 25/40-180 | 23        | ≤ 0,20 | 0,2         |
| Ego W1 15/60-130 | 42        | ≤ 0,20 | 0,2         |
| Ego W1 15/60-180 | 42        | ≤ 0,20 | 0,2         |
| Ego W1 25/60-130 | 42        | ≤ 0,20 | 0,2         |
| Ego W1 25/60-180 | 42        | ≤ 0,20 | 0,2         |

|                  |    |        |      |
|------------------|----|--------|------|
| Ego W2 15/60-130 | 45 | ≤ 0,18 | 0,3  |
| Ego W2 15/60-180 | 45 | ≤ 0,18 | 0,3  |
| Ego W2 25/60-130 | 45 | ≤ 0,18 | 0,3  |
| Ego W2 25/60-180 | 45 | ≤ 0,18 | 0,3  |
| Ego W2 15/80-130 | 80 | ≤ 0,21 | 0,45 |
| Ego W2 15/80-180 | 80 | ≤ 0,21 | 0,45 |
| Ego W2 25/80-130 | 80 | ≤ 0,21 | 0,45 |
| Ego W2 25/80-180 | 80 | ≤ 0,21 | 0,45 |
| Ego W2 32/80-180 | 80 | ≤ 0,21 | 0,45 |

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

**TECHNICAL DATA**

Rev. C

**MOTOR DATA Ego T**

| Pump Type       | Power<br>[W] | EEI         | Current<br>[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<br>[W] | EEI         | Current<br>[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<br>[W] | EEI         | Current<br>[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  
ebarapumps@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