

| Qty. | Description |
|------|-------------|
|------|-------------|

|   |                       |
|---|-----------------------|
| 1 | SPK 2-23/8 A-W-A-AUUV |
|---|-----------------------|



Note! Product picture may differ from actual product

Product No.: On request

Multistage, immersible, self-priming, centrifugal pump for vertical and horizontal installation in tanks etc.

The pump has the following characteristics:

- Installation length according to DIN 5440.
- Impellers, intermediate chambers and spline shaft are made of stainless steel and motor stool of GG 20.
- Mechanical shaft seal according to EN 12756.
- Power transmission via cast iron split coupling.

The motor is a 3-phase AC motor.

Immersion depth: 602 mm

Controls:

Frequency converter: None

Liquid:

Pumped liquid: Emulsion

Liquid temperature range: -10 .. 90 °C

Selected liquid temperature: 20 °C

Density: 998.2 kg/m<sup>3</sup>

Technical:

Pump speed on which pump data are based: 2873 rpm

Rated flow: 33.3 l/min

Rated head: 24.3 m

Primary shaft seal: AUUV

Approvals: CE,EAC,UKCA,RCM,Morocco

Approvals for motor: CE,EAC,UKCA,SEPRO,RCM,Morocco

Energy approvals for motor: CE,Singapore

Curve tolerance: ISO9906:2012 3B

Drain holes: Closed drain hole

Materials:

Pump housing: Cast iron  
EN 1561 EN-GJL-200

ASTM A48-25B

Impeller: Stainless steel

DIN W.-Nr. 1.4301

AISI 304

Installation:

Maximum ambient temperature: 60 °C

Pipe connection: G 3/4

Flange size for motor: FT85



Company name:

Created by:

Phone:

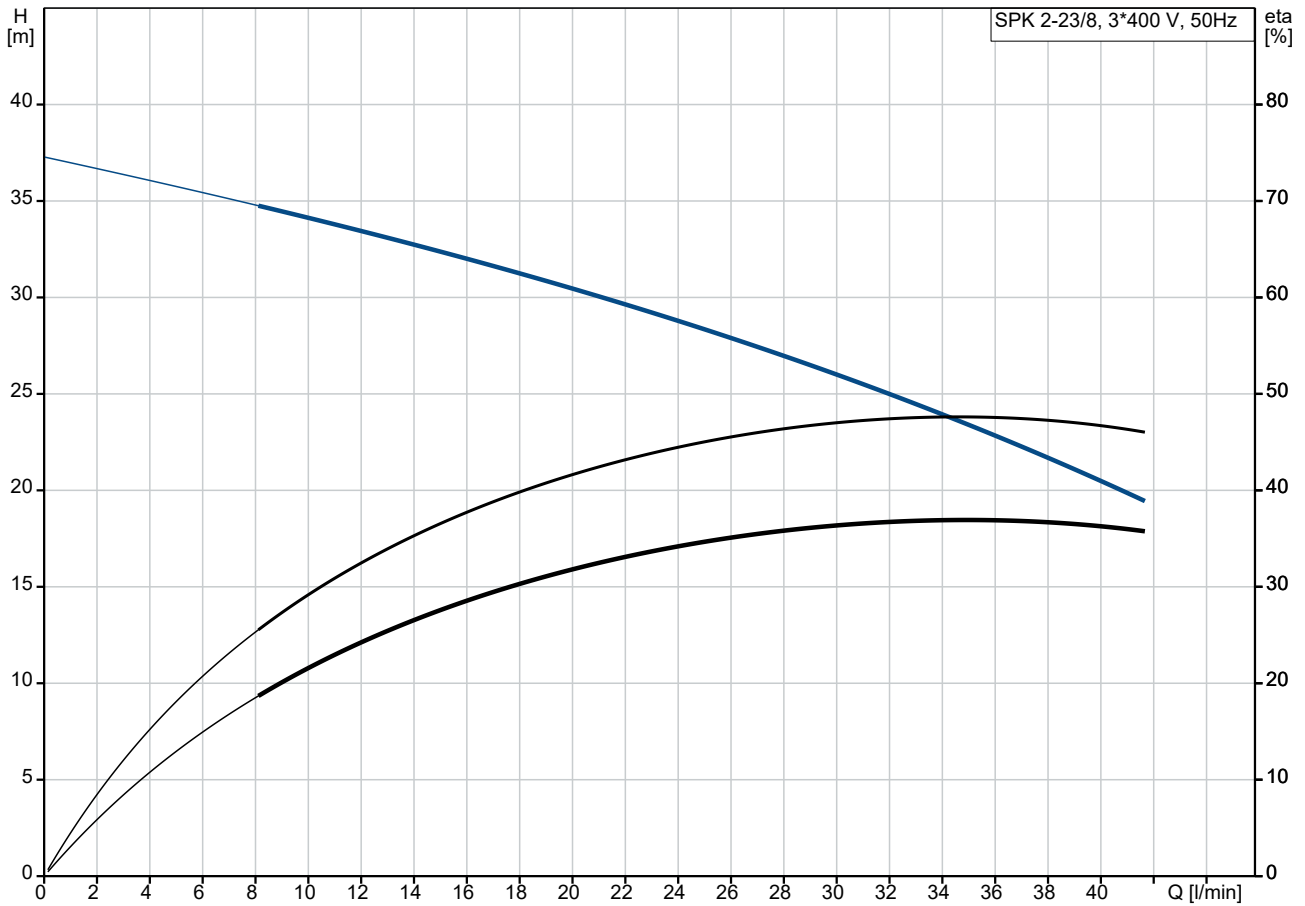
Date:

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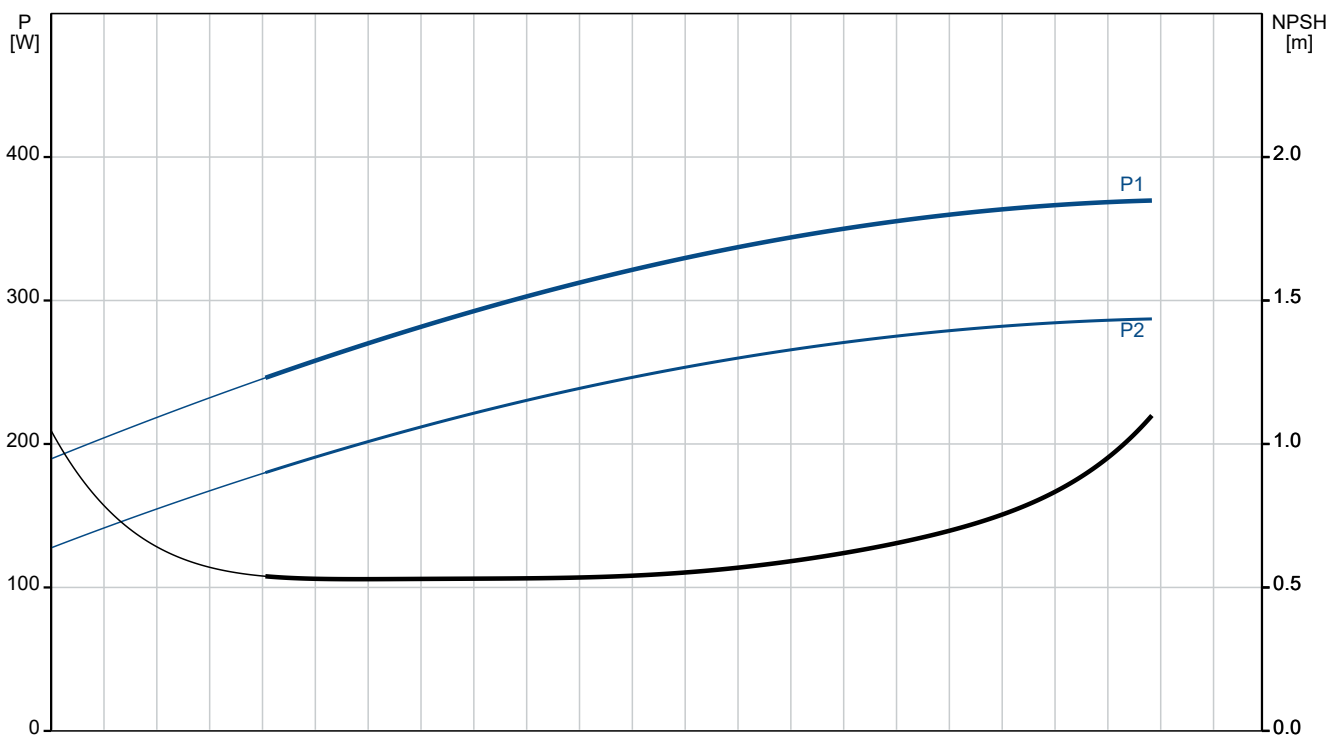
| Qty. | Description |
|------|-------------|
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|   |   |
|---|---|
| 1 | Electrical data:                            |
|   | Motor type: 71A                             |
|   | Rated power - P2: 0.37 kW                   |
|   | Power (P2) required by pump: 0.37 kW        |
|   | Mains frequency: 50 Hz                      |
|   | Rated voltage: 3 x 220-240D/380-415Y V      |
|   | Rated current: 1.74/1.00 A                  |
|   | Starting current: 490-530 %                 |
|   | Cos phi - power factor: 0.80-0.70           |
|   | Rated speed: 2850-2880 rpm                  |
|   | IE Efficiency class: IE3                    |
|   | Motor efficiency at full load: 73.8 %       |
|   | Motor efficiency at 3/4 load: 79.0-76.5 %   |
|   | Motor efficiency at 1/2 load: 75.5-71.5 %   |
|   | Number of poles: 2                          |
|   | Enclosure class (IEC 34-5): 55 Dust/Jetting |
|   | Insulation class (IEC 85): F                |
|   | Motor No: 85805102                          |
|   | Others:                                     |
|   | Minimum efficiency index, MEI ≥: N/A        |
|   | Net weight: 13.7 kg                         |
|   | Gross weight: 15 kg                         |
|   | Environmental approvals: WEEE               |

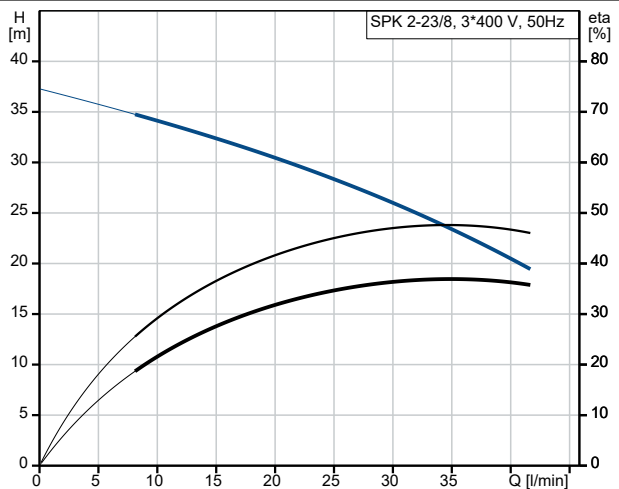
## On request SPK 2-23/8 A-W-A-AUUV 50 Hz



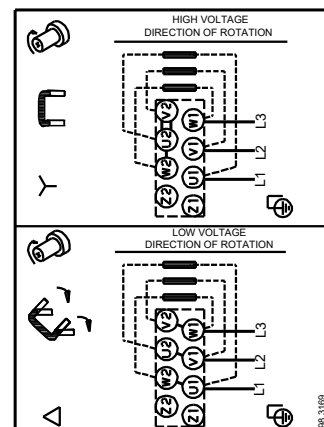
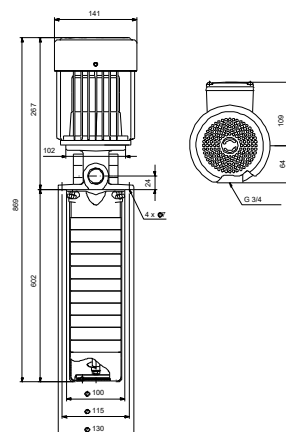
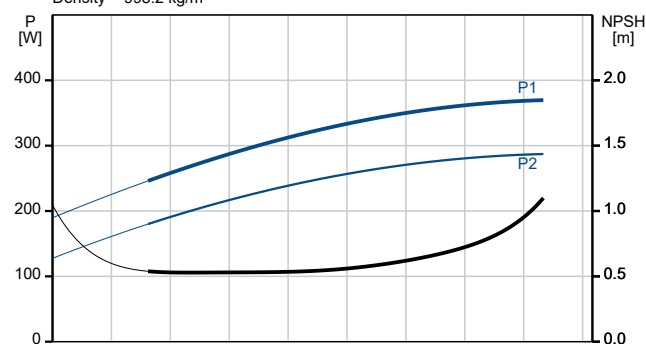
Pumped liquid = Emulsion  
Liquid temperature during operation = 20 °C  
Density = 998.2 kg/m³



| Description                              | Value                         |
|--|-------------------------------|
| <b>General information:</b>              |                               |
| Product name:                            | SPK 2-23/8 A-W-A-AUUV         |
| Product No:                              | On request                    |
| EAN number:                              | On request                    |
| <b>Technical:</b>                        |                               |
| Pump speed on which pump data are based: | 2873 rpm                      |
| Rated flow:                              | 33.3 l/min                    |
| Rated head:                              | 24.3 m                        |
| Stages:                                  | 23                            |
| Impellers:                               | 8                             |
| Primary shaft seal:                      | AUUV                          |
| Approvals:                               | CE,EAC,UKCA,RCM,Morocco       |
| Approvals for motor:                     | CE,EAC,UKCA,SEPRO,RCM,Morocco |
| Energy approvals for motor:              | CE,Singapore                  |
| Curve tolerance:                         | ISO9906:2012 3B               |
| Pump version:                            | A                             |
| Model:                                   | E                             |
| Drain holes:                             | Closed drain hole             |
| <b>Materials:</b>                        |                               |
| Pump housing:                            | Cast iron                     |
| Pump housing:                            | EN 1561 EN-GJL-200            |
| Pump housing:                            | ASTM A48-25B                  |
| Impeller:                                | Stainless steel               |
| Impeller:                                | DIN W.-Nr. 1.4301             |
| Impeller:                                | AISI 304                      |
| Material code:                           | A                             |
| <b>Installation:</b>                     |                               |
| Maximum ambient temperature:             | 60 °C                         |
| Pipe connection:                         | G 3/4                         |
| Flange size for motor:                   | FT85                          |
| Connect code:                            | W                             |
| <b>Liquid:</b>                           |                               |
| Pumped liquid:                           | Emulsion                      |
| Liquid temperature range:                | -10 .. 90 °C                  |
| Selected liquid temperature:             | 20 °C                         |
| Density:                                 | 998.2 kg/m³                   |
| <b>Electrical data:</b>                  |                               |
| Motor type:                              | 71A                           |
| Rated power - P2:                        | 0.37 kW                       |
| Power (P2) required by pump:             | 0.37 kW                       |
| Mains frequency:                         | 50 Hz                         |
| Rated voltage:                           | 3 x 220-240D/380-415Y V       |
| Rated current:                           | 1.74/1.00 A                   |
| Starting current:                        | 490-530 %                     |
| Cos phi - power factor:                  | 0.80-0.70                     |
| Rated speed:                             | 2850-2880 rpm                 |
| IE Efficiency class:                     | IE3                           |
| Motor efficiency at full load:           | 73.8 %                        |
| Motor efficiency at 3/4 load:            | 79.0-76.5 %                   |
| Motor efficiency at 1/2 load:            | 75.5-71.5 %                   |
| Number of poles:                         | 2                             |
| Enclosure class (IEC 34-5):              | 55 Dust/Jetting               |
| Insulation class (IEC 85):               | F                             |
| Built-in motor protection:               | NONE                          |
| Motor No:                                | 85805102                      |
| <b>Controls:</b>                         |                               |



Pumped liquid = Emulsion  
Liquid temperature during operation = 20 °C  
Density = 998.2 kg/m³





Company name:

Created by:

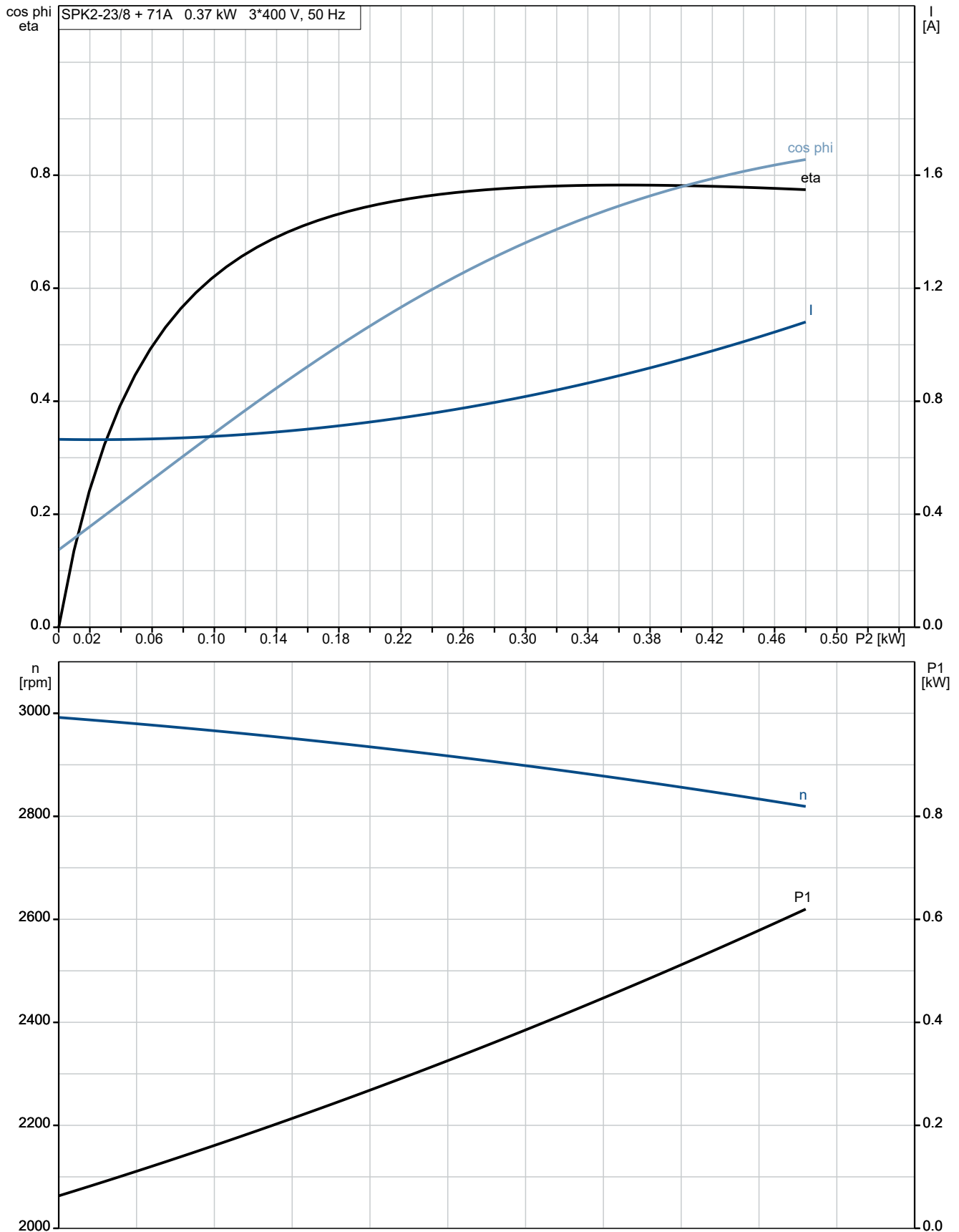
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Date:

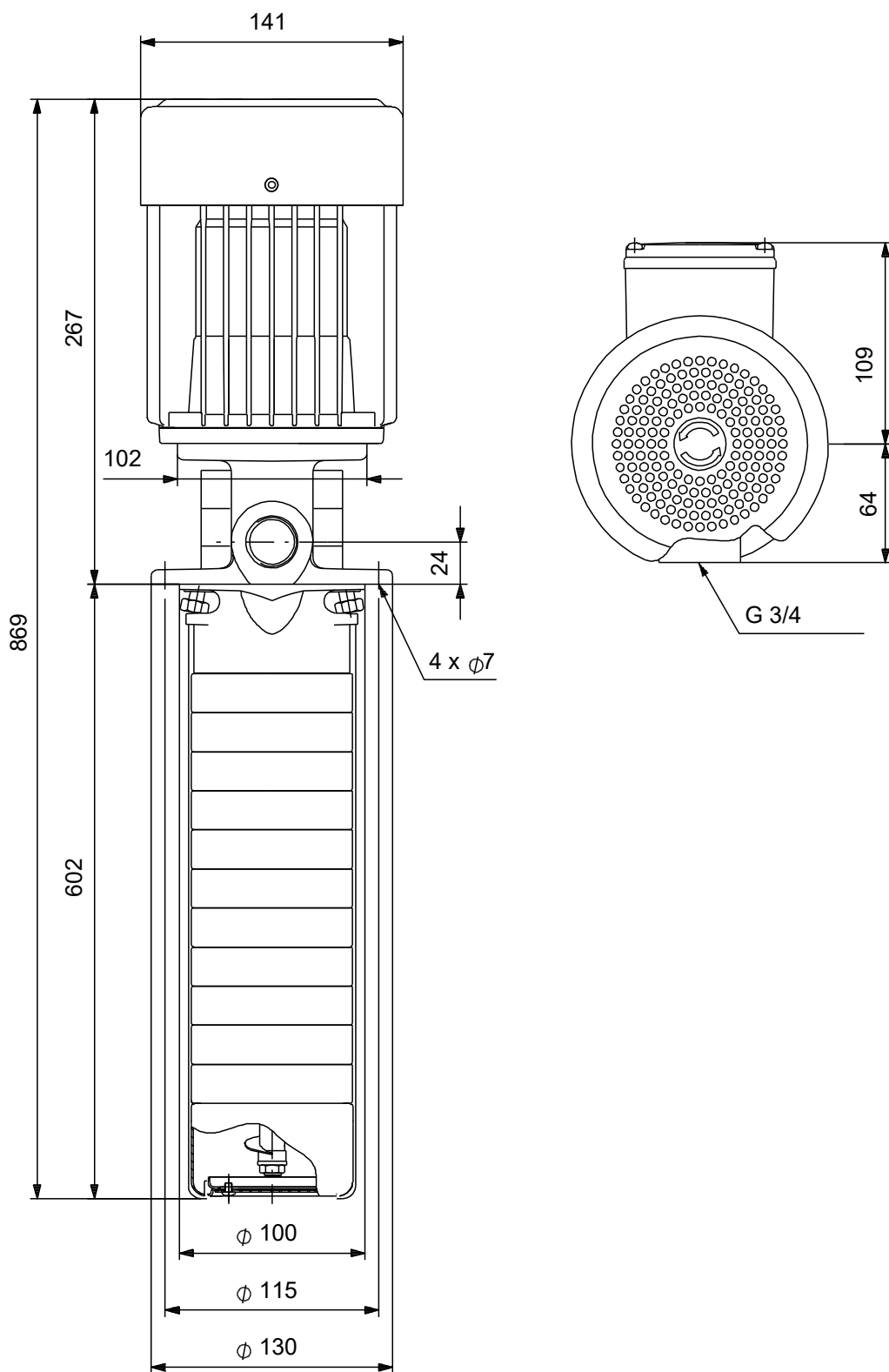
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| Description                      | Value   |
|----------------------------------|---------|
| Frequency converter:             | None    |
| <b>Others:</b>                   |         |
| Minimum efficiency index, MEI ≥: | N/A     |
| Net weight:                      | 13.7 kg |
| Gross weight:                    | 15 kg   |
| Environmental approvals:         | WEEE    |

## On request SPK 2-23/8 A-W-A-AUUV 50 Hz

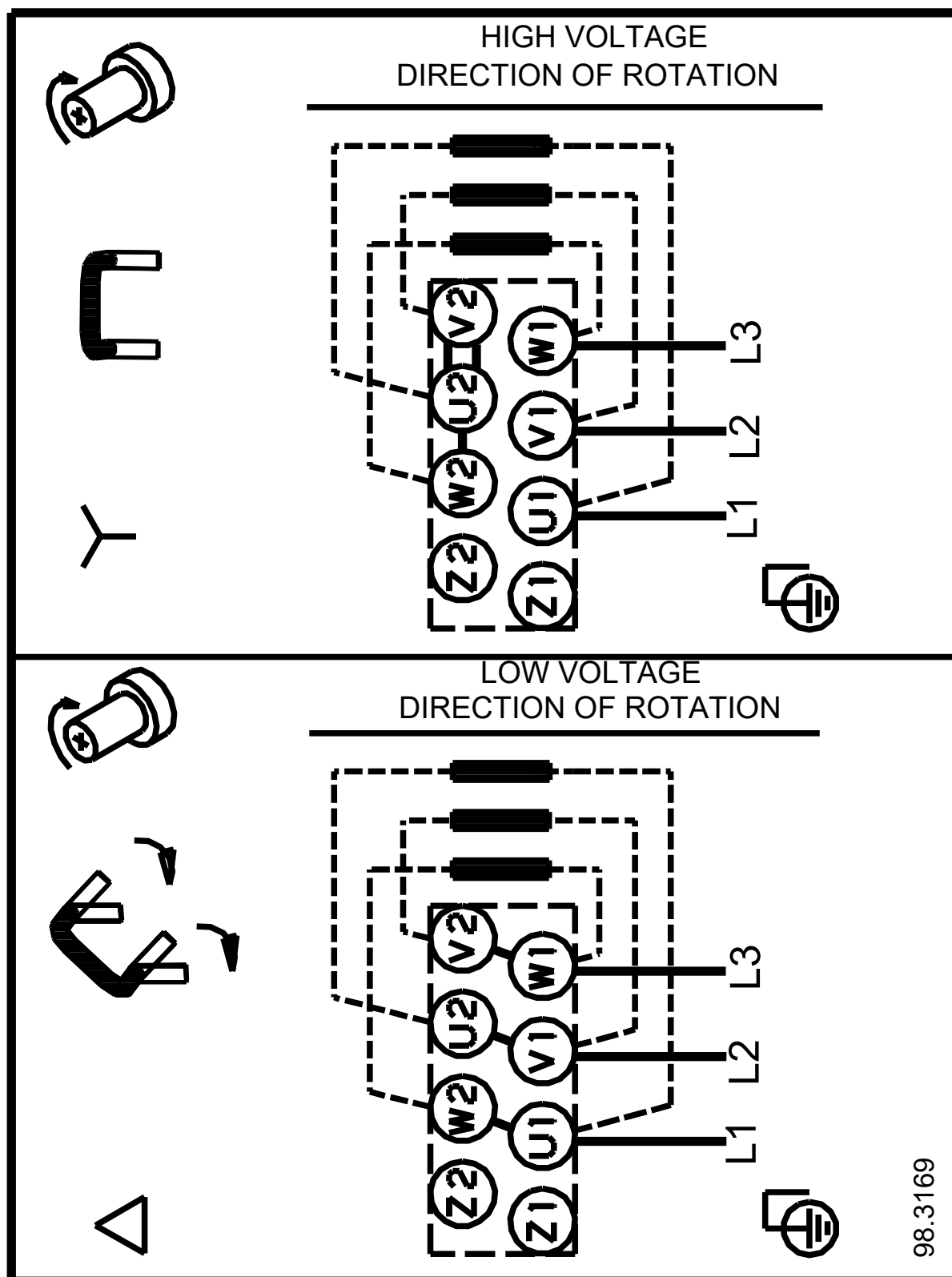


## On request SPK 2-23/8 A-W-A-AUUV 50 Hz



Note! All units are in [mm] unless others are stated.  
Disclaimer: This simplified dimensional drawing does not show all details.

On request SPK 2-23/8 A-W-A-AUUV 50 Hz



98.3169

Note! All units are in [mm] unless others are stated.



31/07/2024

**Order Data:**

| Position | Your pos. | Product name          | Amount | Product No | Total |
|----------|-----------|-----------------------|--------|------------|-------|
|          |           | SPK 2-23/8 A-W-A-AUUV | 1      | On request |       |
|          |           |                       |        |            |       |