CRK 4-120 A-W-A-AUUV 85815708

Grundfos Pump 41907212

Thank you for your interest in our products
Please contact us for more information, or visit our website
http://www.lenntech.com/grundfos/CRK04/41907212/CRK-4-120-12-A-W-A-AUUV.html

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Date: -

Position	Qty.	Description
	1	**CRK 4-120/12 A-W-A-AUUV**

Note! Product picture may differ from actual product

Product No.: 41907212
Multistage, immersible, self-priming, centrifugal pump for vertical 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.
- Mechanical shaft seal according to EN 12756.
- Power transmission via cast iron split coupling.

The motor is a 3-phase AC motor.
Immersion depth: 439 mmmm

Liquid:

Pumped liquid:	Water
Liquid temperature range:	263 .. 363 K
Liquid temp:	293 K
Density:	998.2 kg/m³

Technical:

Speed for pump data:	2900 rpm
Rated flow:	6 m³/h
Rated head:	75.2 m
Shaft seal:	AUUV
Curve tolerance:	ISO 9906:1999 Annex A

Materials:

Pump head:	Cast iron EN-JL1030 ASTM A48-30 B
Impeller:	Stainless steel DIN W.-Nr. 1.4301 AISI 304

Installation:

Maximum ambient temperature:	333 K
Pipe connection:	G 1 1/4
Flange size for motor:	FT115

Position	Qty.	Description

Electrical data:

Motor type:	90LC
Number of poles:	2
Rated power - P2:	2.2 kW
Power (P2) required by pump:	2.2 kW
Mains frequency:	50 Hz
Rated voltage:	3 x 380-415 D V
Rated current:	4.45 A
Starting current:	850-950 %
Cos phi - power factor:	0,89-0,87
Rated speed:	2890-2910 rpm
Motor efficiency at full load:	83,2-83,2 %
Motor efficiency at 3/4 load:	86-87,5 %
Motor efficiency at 1/2 load:	85-86,5 %
Enclosure class (IEC 34-5):	55 (Protect. water jets/dust)
Insulation class (IEC 85):	F

Others:

Minimum efficiency index, MEI ≥:	0,70
Net weight:	30.3 kg

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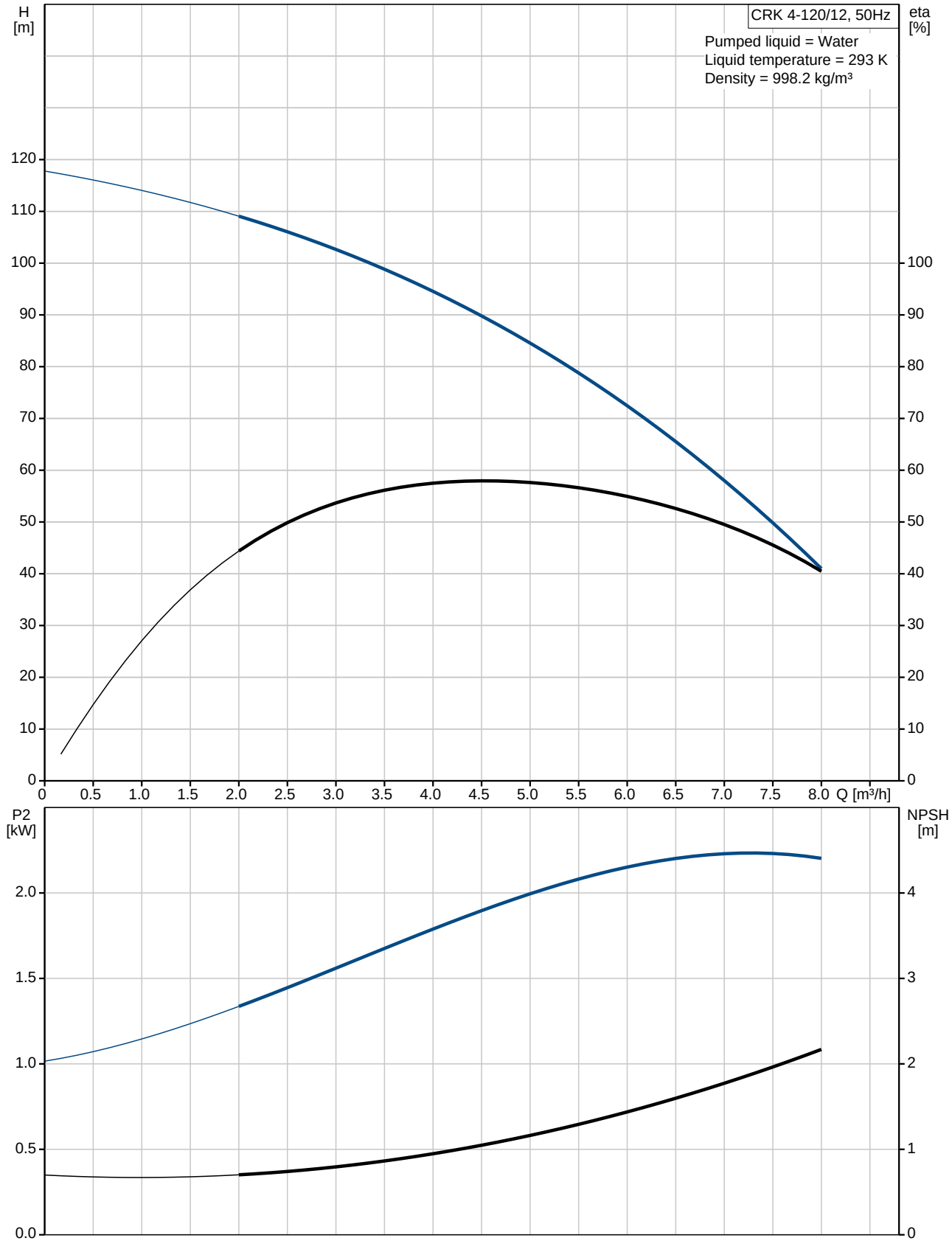
41907212 CRK 4-120/12 50 Hz



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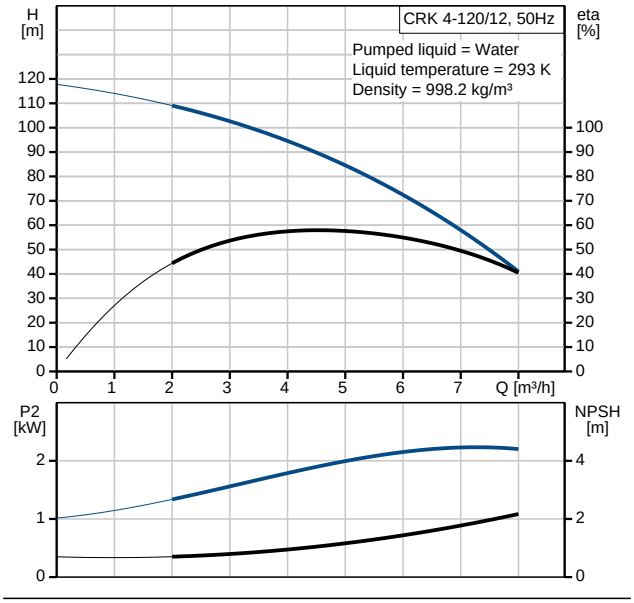
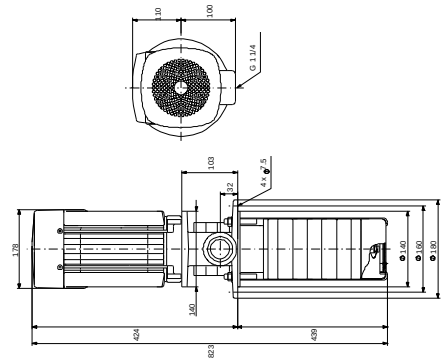
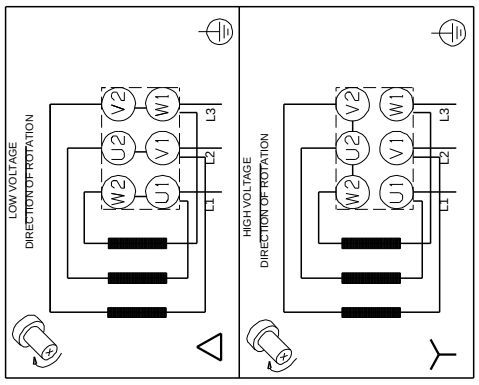
Description	Value
Product name:	CRK 4-120/12 A-W-A-AUUV
Product No:	41907212
EAN number:	5700390752361
Technical:	
Speed for pump data:	2900 rpm
Rated flow:	6 m³/h
Rated head:	75.2 m
Impellers:	12
Shaft seal:	AUUV
Curve tolerance:	ISO 9906:1999 Annex A
Stages:	12
Pump version:	A
Model:	B
Materials:	
Pump head:	Cast iron
	EN-JL1030
	ASTM A48-30 B
Impeller:	Stainless steel
	DIN W.-Nr. 1.4301
	AISI 304
Material code:	A
Installation:	
Maximum ambient temperature:	333 K
Connect code:	W
Pipe connection:	G 1 1/4
Flange size for motor:	FT115
Liquid:	
Pumped liquid:	Water
Liquid temperature range:	263 .. 363 K
Liquid temp:	293 K
Density:	998.2 kg/m³
Electrical data:	
Motor type:	90LC
Number of poles:	2
Rated power - P2:	2.2 kW
Power (P2) required by pump:	2.2 kW
Mains frequency:	50 Hz
Rated voltage:	3 x 380-415 D V
Rated current:	4.45 A
Starting current:	850-950 %
Cos phi - power factor:	0,89-0,87
Rated speed:	2890-2910 rpm
Motor efficiency at full load:	83,2-83,2 %
Motor efficiency at 3/4 load:	86-87,5 %
Motor efficiency at 1/2 load:	85-86,5 %
Enclosure class (IEC 34-5):	55 (Protect. water jets/dust)
Insulation class (IEC 85):	F
Motor protec:	NONE
Motor No:	85D15908
Others:	
Minimum efficiency index, MEI ≥:	0,70
Net weight:	30.3 kg







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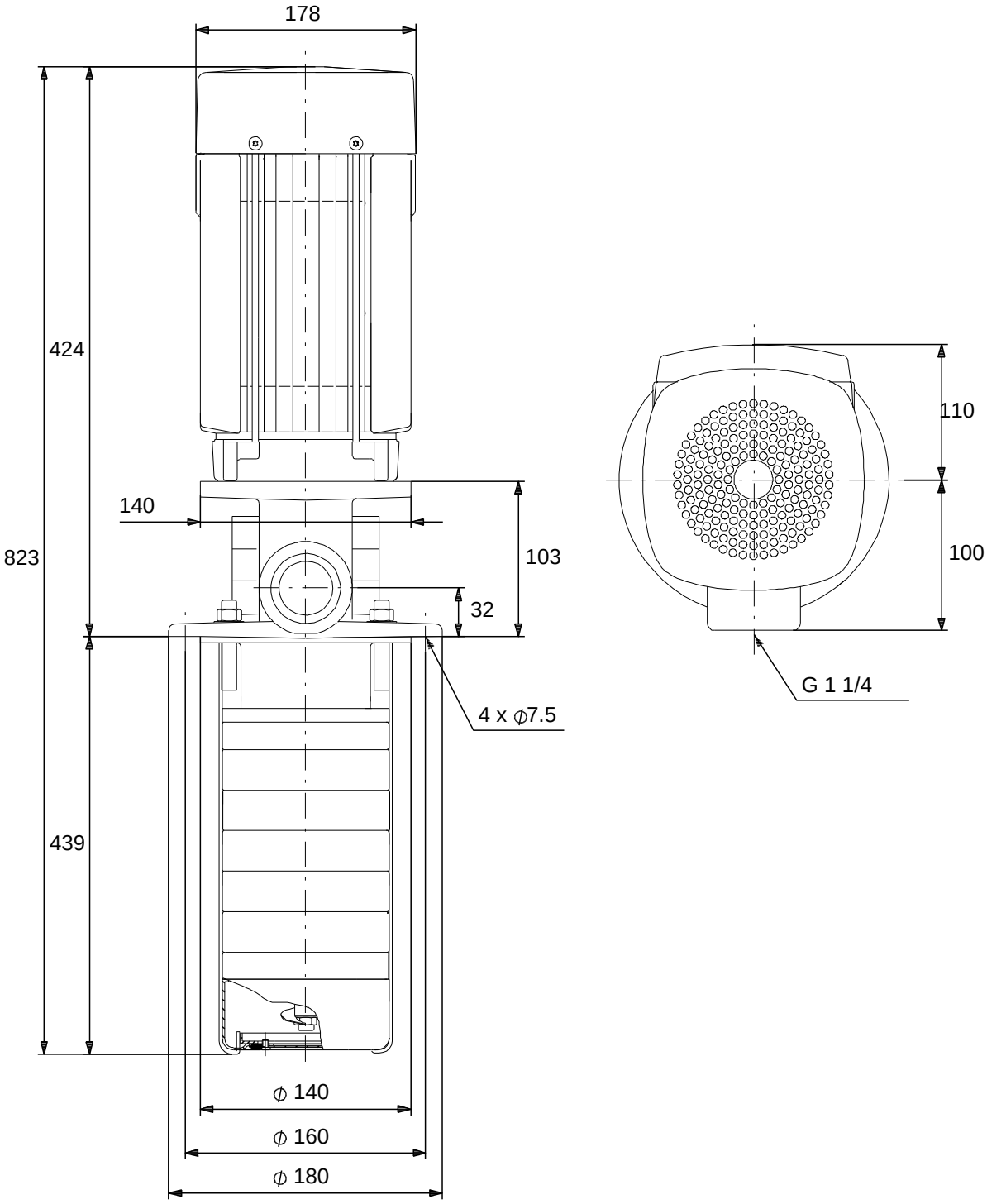

Note! All units are in [mm] unless others are stated.
Disclaimer: This simplified dimensional drawing does not show all details.

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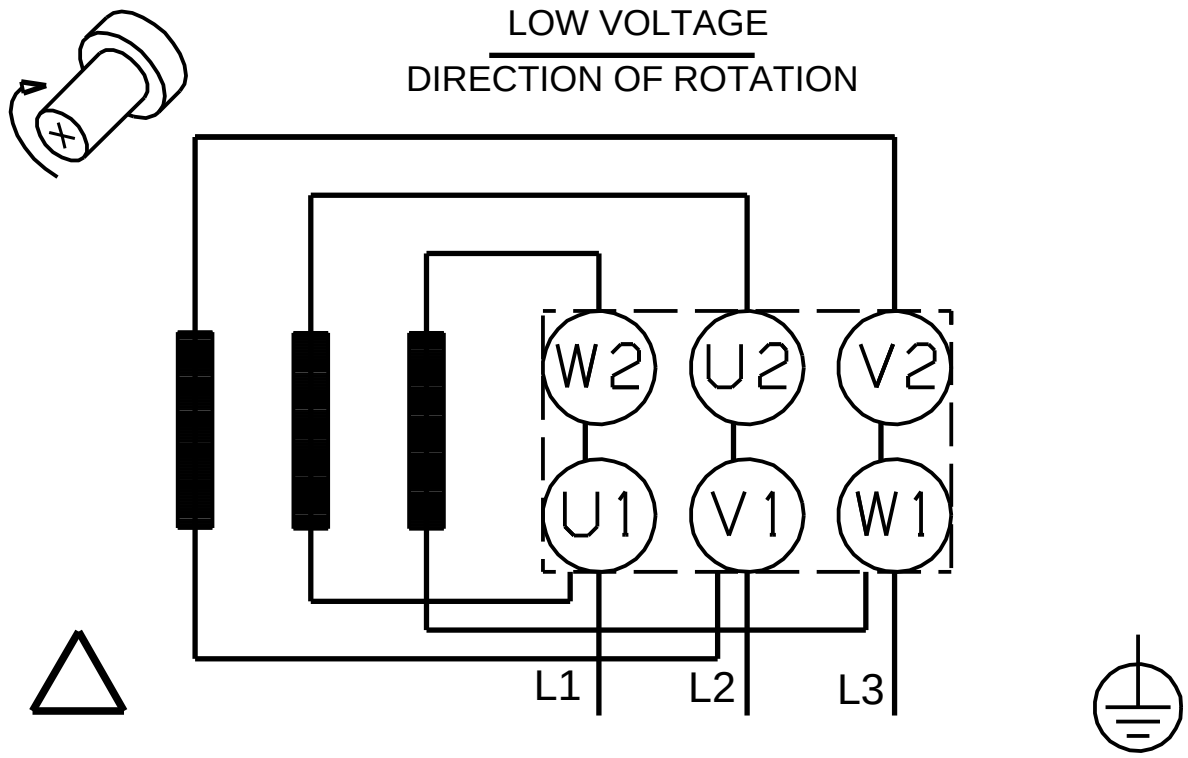
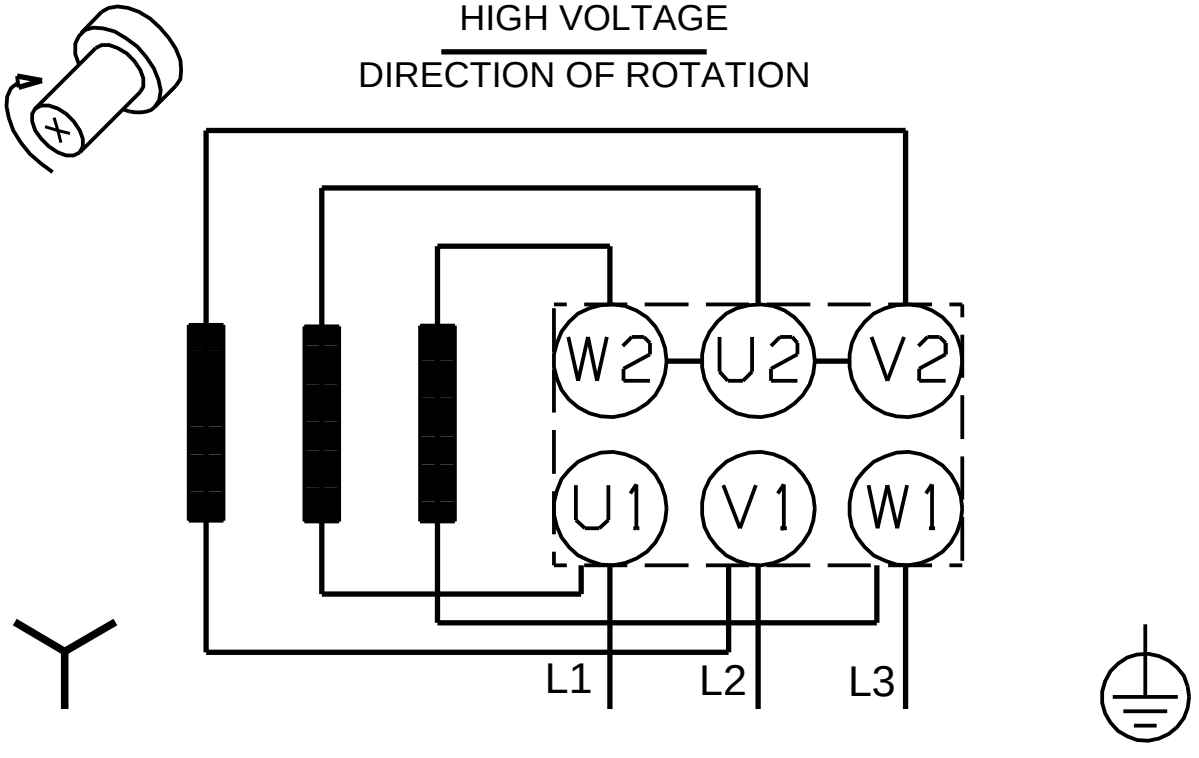
LOW VOLTAGE

DIRECTION OF ROTATION



HIGH VOLTAGE

DIRECTION OF ROTATION



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

Disclaimer: The information about the Grundfos pump in this document may be outdated.
Data may be subject to alterations without further notice.
Please contact us to verify the data above is still accurate/up-to-date.

GRUNDFOS LENNTECH

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