

NB40-160/151 A-F2-A-GQQE

Grundfos Pump 96529034



Thank you for your interest in our products

Please contact us for more information, or visit our website

<https://www.lenntech.com/grundfos/NB000/96529034/NB-40-160-151-A-F-A-GQQE.html>

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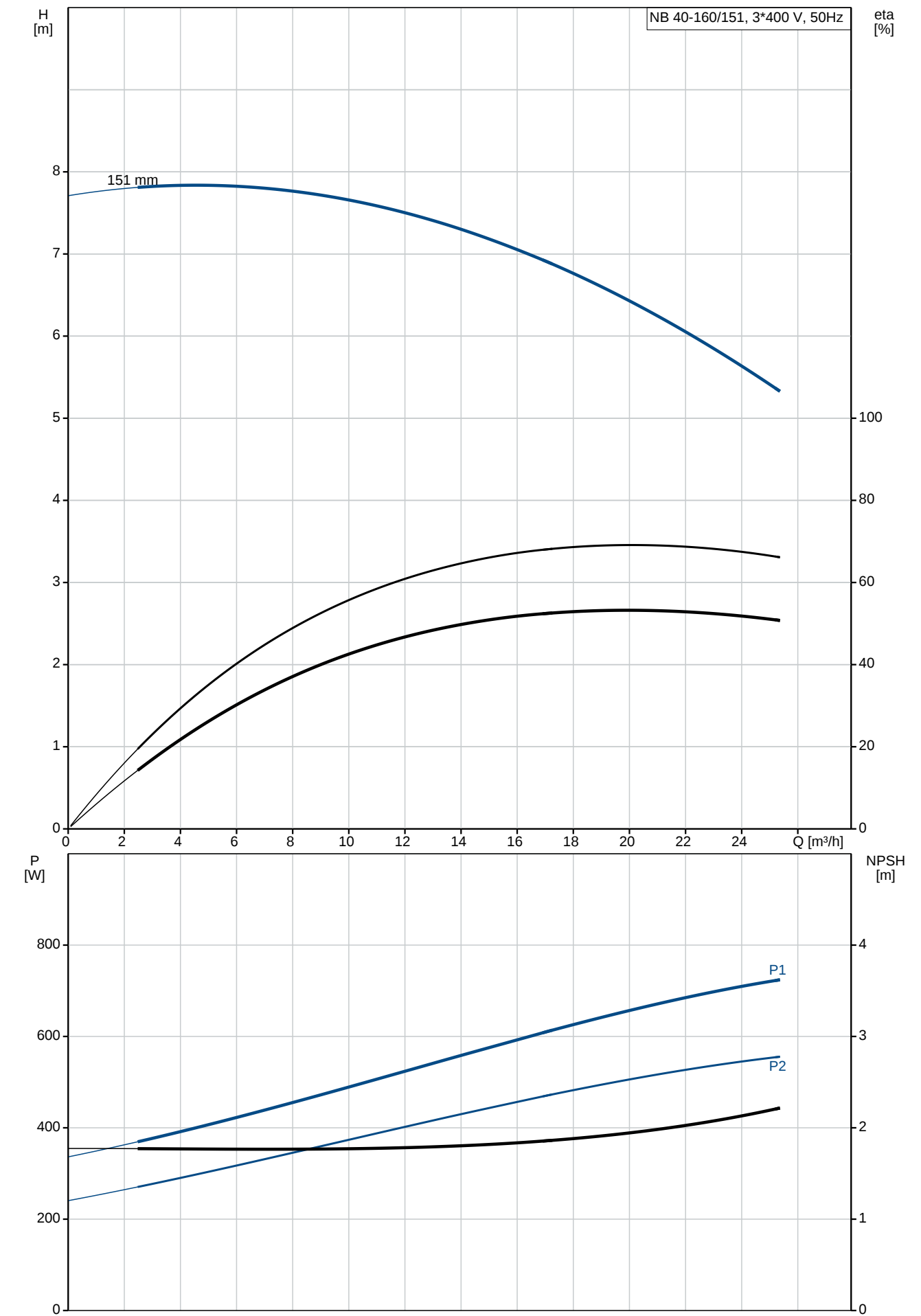
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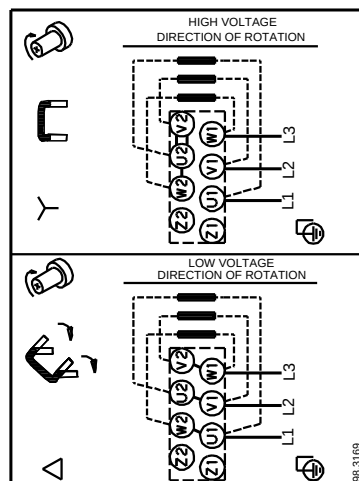
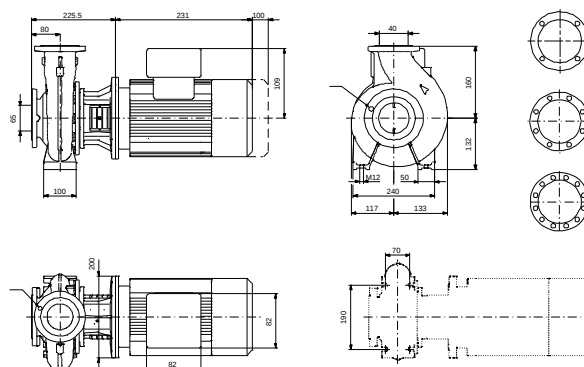
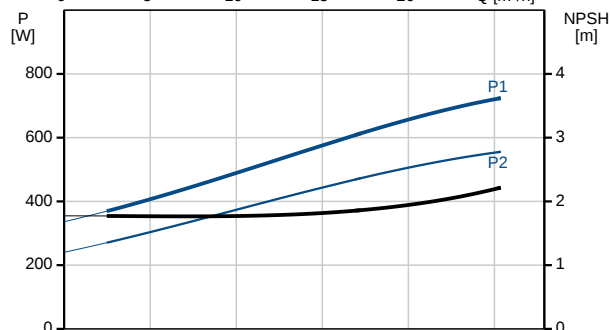
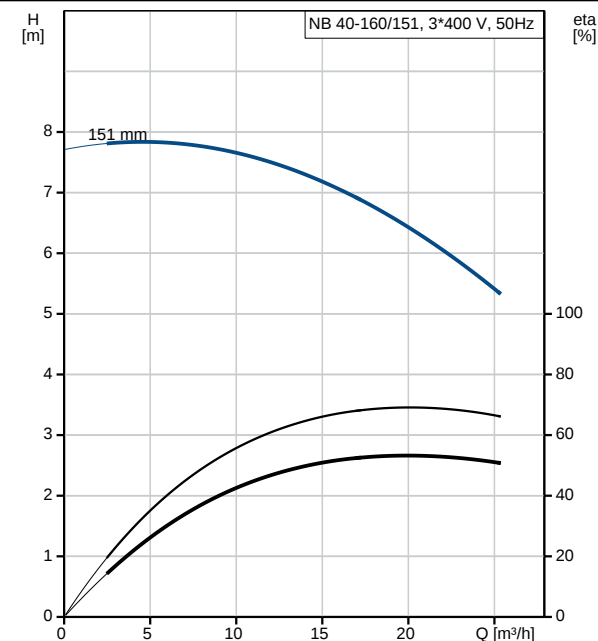
Position	Qty.	Description
	1	NB 40-160/151 A-F-A-GQQE  Note! Product picture may differ from actual product Product No.: 96529034 Non-self priming, single-stage centrifugal pump according to DIN. The pump is for the pumping of thin, clean or slightly contaminated liquids without abrasive or long-fibred solids. The pump is directly coupled with an IEC-flanged 3-phase AC motor. The impeller is hydraulically as well as dynamically balanced. The pump has the following characteristics: - flange dimensions according to EN 1092-2, - Cast iron volute pump housing, - stainless steel shaft and Cast iron impeller and bronze wear rings, - unbalanced mechanical shaft seal according to EN 12756. Liquid: Pumped liquid: Water Liquid temperature range: -25 .. 90 °C Liquid temperature during operation: 20 °C Density: 998.2 kg/m³ Technical: Speed for pump data: 1400 rpm Rated flow: 17.4 m³/h Rated head: 6.2 m Actual impeller diameter: 151 mm Impeller nom: 160 mm Primary shaft seal: GQQE Materials: Pump housing: Cast iron EN-JL1040 Impeller: Cast iron EN-JL1030 ASTM A48-30 B Installation: Maximum ambient temperature: 40 °C Maximum operating pressure: 16 bar Flange standard: DIN Pump inlet: DN 65

Position	Qty.	Description
		Pump outlet: DN 40 Pressure rating: PN16 Electrical data: Motor type: 80A Rated power - P2: 0.55 kW Mains frequency: 50 Hz Rated voltage: 3 x 220-240 D/380-415 Y V Rated current: 2,60/1,50 A Starting current: 430-470 % Cos phi - power factor: 0,79-0,70 Rated speed: 1390-1410 rpm Efficiency: 70,0% Motor efficiency at full load: 77 % Motor efficiency at 3/4 load: 79 % Motor efficiency at 1/2 load: 78.1 % Number of poles: 4 Enclosure class (IEC 34-5): IP55 Insulation class (IEC 85): F Others: Net weight: 39.7 kg Gross weight: 42 kg Shipping volume: 0.138 m ³

96529034 NB 40-160/151 50 Hz



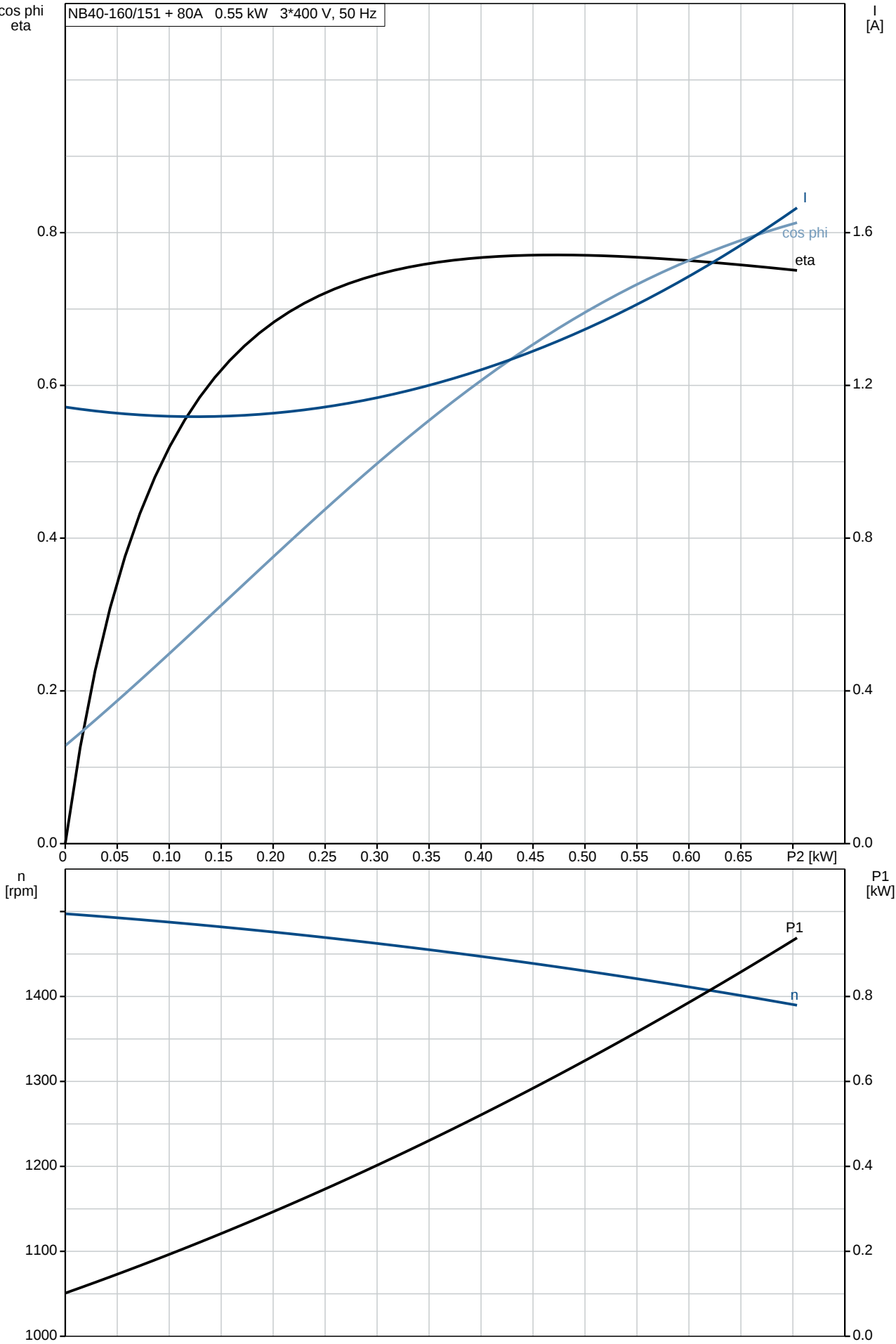
Description	Value
General information:	
Product name:	NB 40-160/151 A-F-A-GQQE
Product No:	96529034
EAN number:	5700397155684
Technical:	
Speed for pump data:	1400 rpm
Rated flow:	17.4 m³/h
Rated head:	6.2 m
Actual impeller diameter:	151 mm
Impeller nom:	160 mm
Primary shaft seal:	GQQE
Pump version:	A
Materials:	
Pump housing:	Cast iron EN-JL1040 ASTM A48-40 B
Impeller:	Cast iron EN-JL1030 ASTM A48-30 B
Material code:	A
Installation:	
Maximum ambient temperature:	40 °C
Maximum operating pressure:	16 bar
Flange standard:	DIN
Connect code:	F
Pump inlet:	DN 65
Pump outlet:	DN 40
Pressure rating:	PN16
Wear ring(s):	neckring(s)
Liquid:	
Pumped liquid:	Water
Liquid temperature range:	-25 .. 90 °C
Liquid temperature during operation:	20 °C
Density:	998.2 kg/m³
Electrical data:	
Motor type:	80A
Rated power - P2:	0.55 kW
Mains frequency:	50 Hz
Rated voltage:	3 x 220-240 D/380-415 Y V
Rated current:	2,60/1,50 A
Starting current:	430-470 %
Cos phi - power factor:	0,79-0,70
Rated speed:	1390-1410 rpm
Efficiency:	70,0%
Motor efficiency at full load:	77 %
Motor efficiency at 3/4 load:	79 %
Motor efficiency at 1/2 load:	78.1 %
Number of poles:	4
Enclosure class (IEC 34-5):	IP55
Insulation class (IEC 85):	F
Motor protec:	NONE
Motor No:	87100310
Mount. design. acc. IEC 34-7:	IM V1/B5
Others:	
Net weight:	39.7 kg
Gross weight:	42 kg
Shipping volume:	0.138 m³



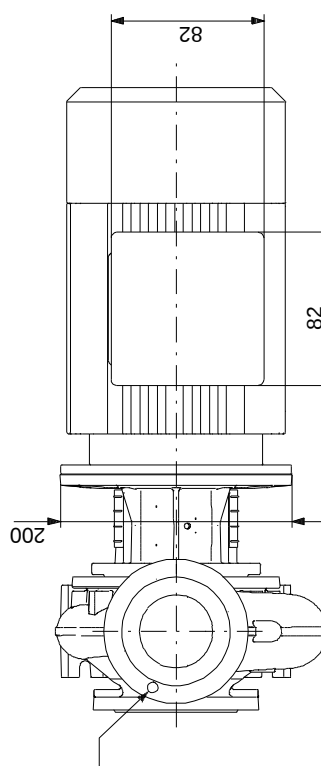
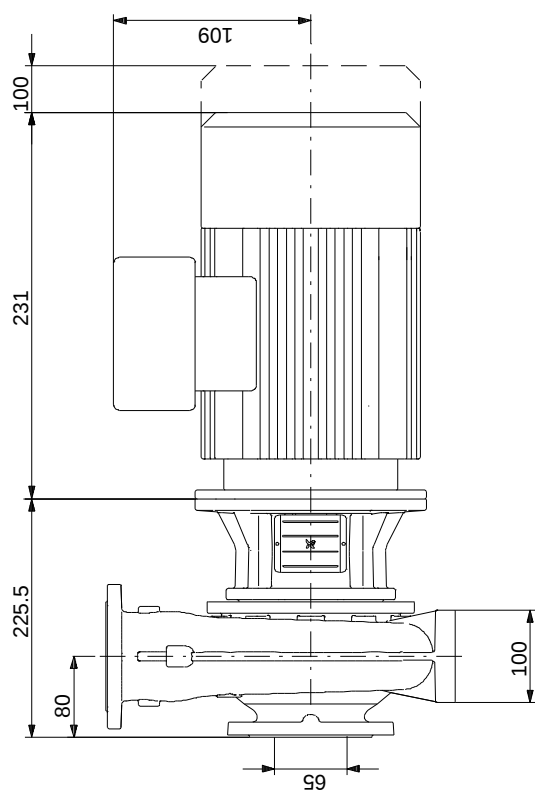
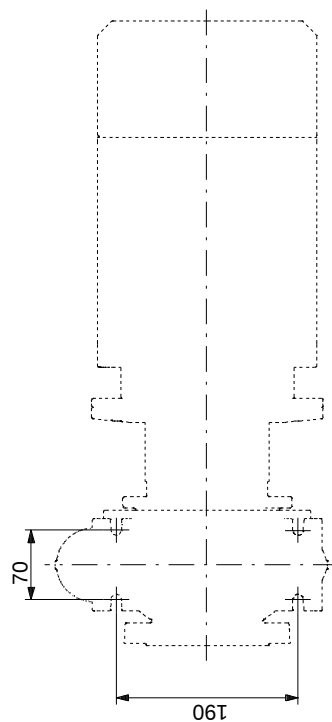
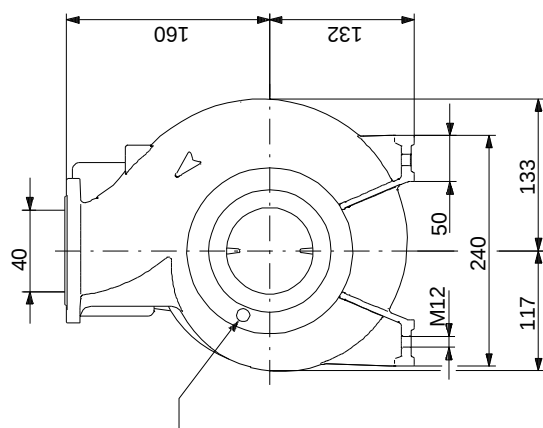
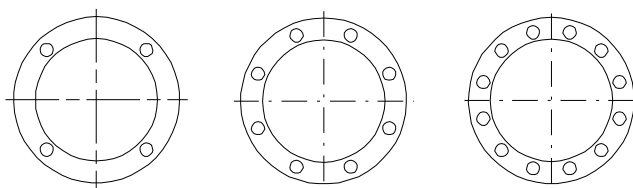
96529034 NB 40-160/151 50 Hz

cos phi
eta

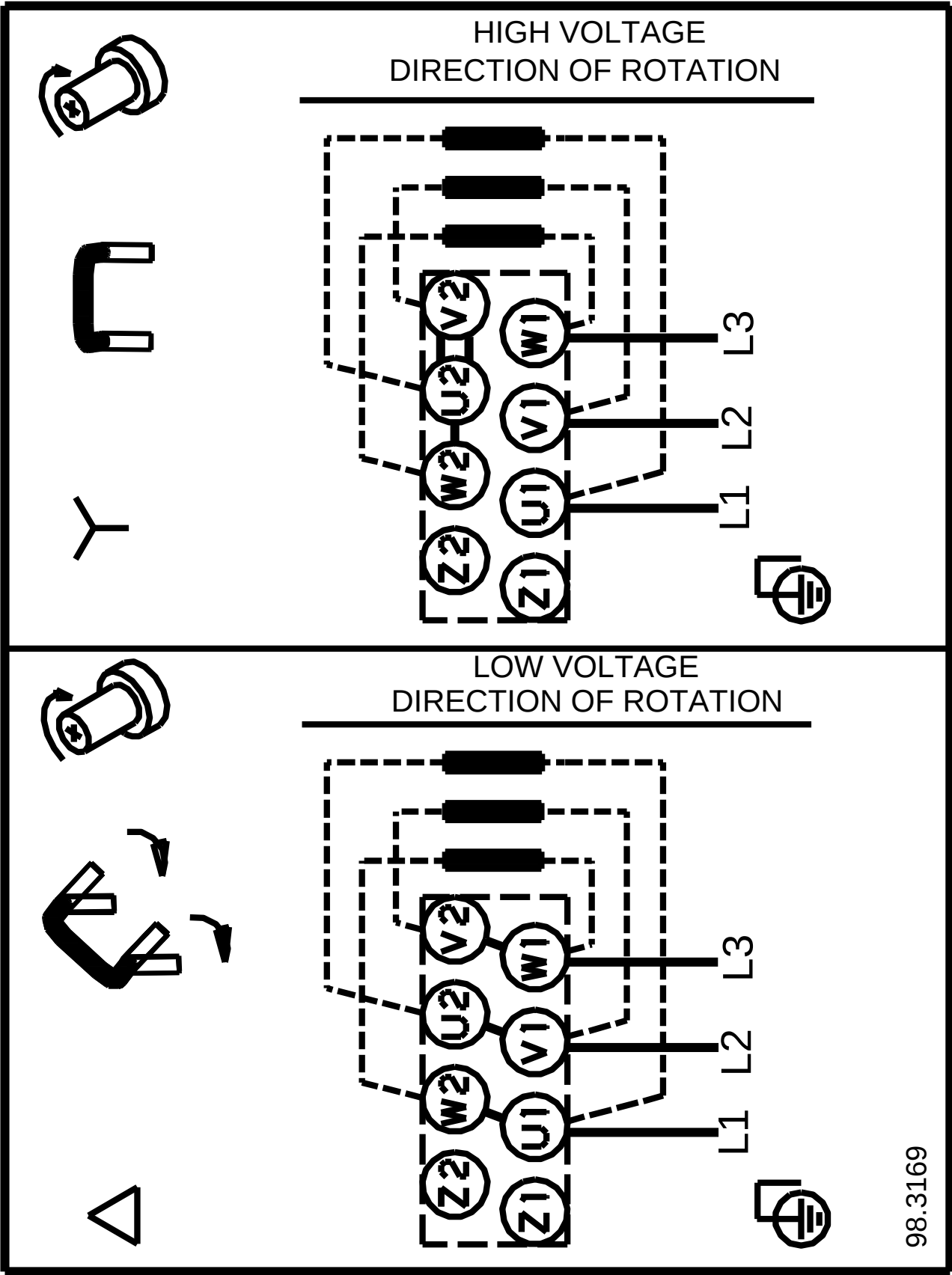
NB40-160/151 + 80A 0.55 kW 3*400 V, 50 Hz



96529034 NB 40-160/151 50 Hz



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



98.3169

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.*

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