

MTB 65-200/199 A-F-A-BQQV 400D-2 15kW

Grundfos pump 96580752



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<https://www.lenntech.com/grundfos/MTB000/96580752/MTB-65-200-199-A-F-A-BQQV.html>

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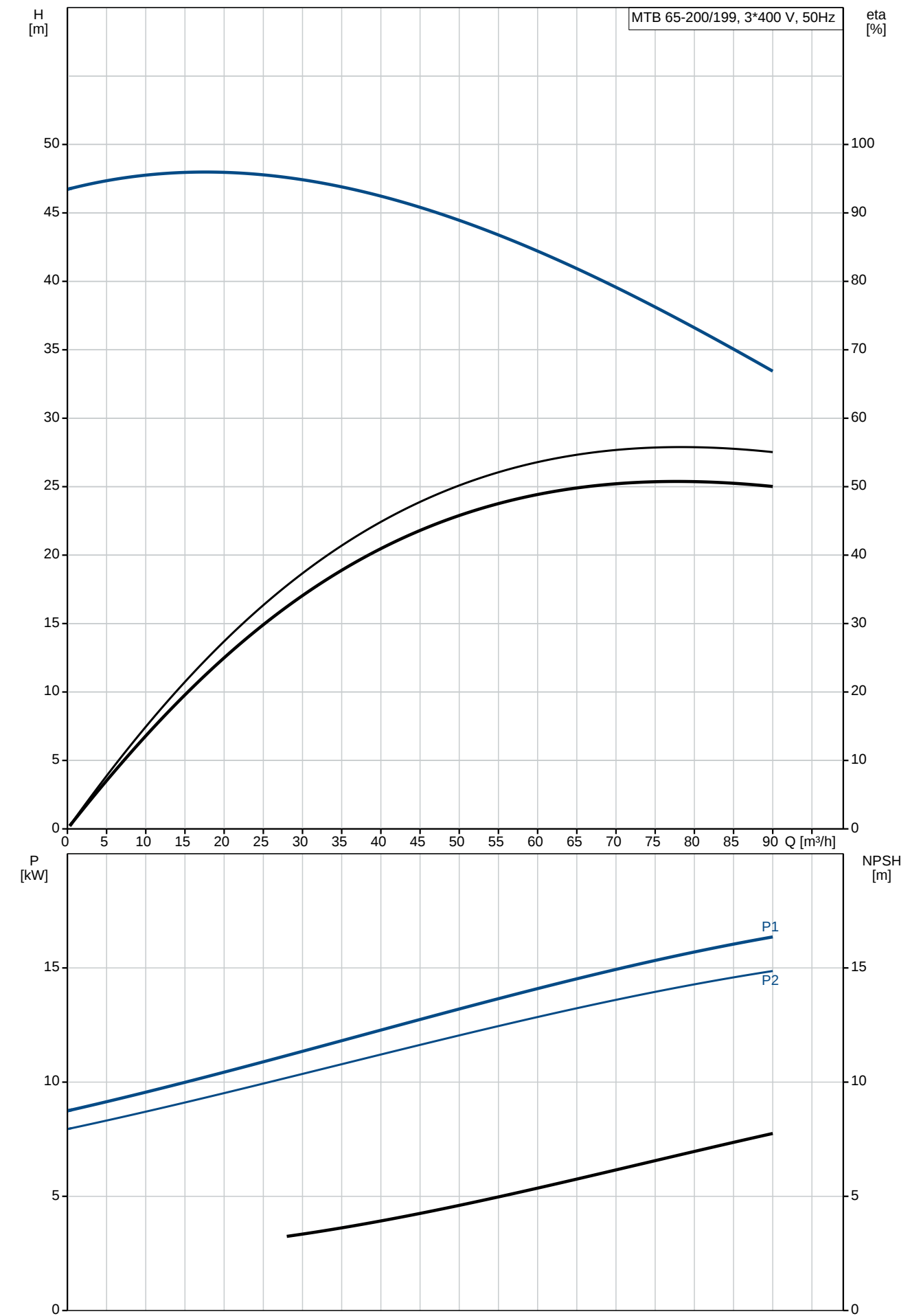
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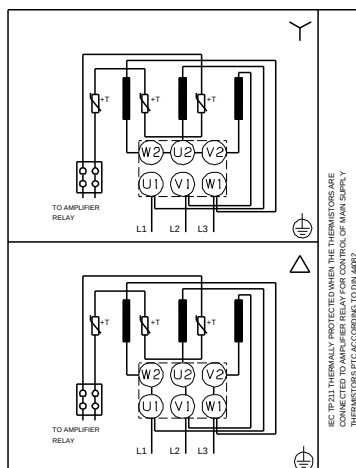
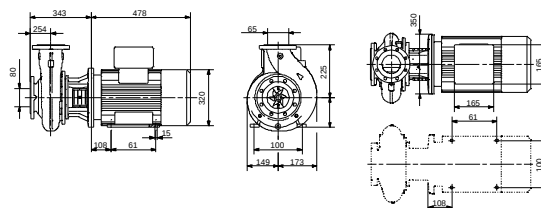
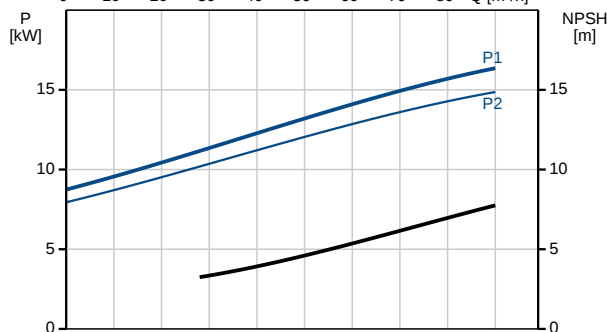
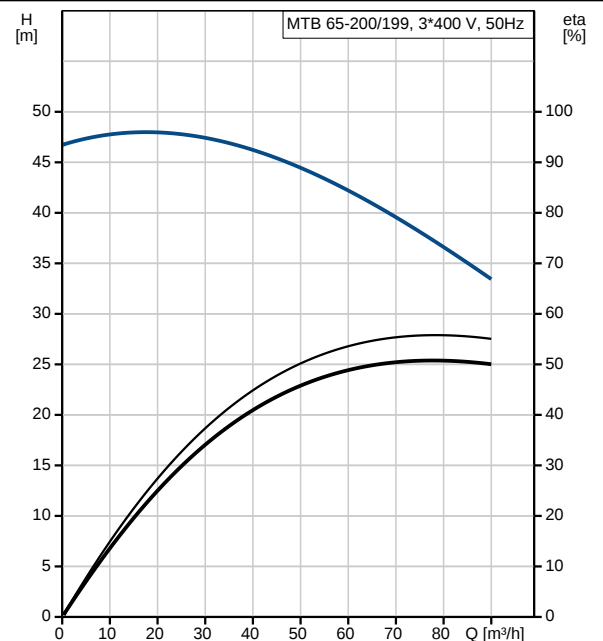
Position	Qty.	Description																																																										
	1	 Note! Product picture may differ from actual product Product No.: On request The MTB machine tool pumps are single-stage centrifugal pumps with axial suction port and radial discharge port. The pump is directly coupled with a totally enclosed fan-cooled standard motor. Main dimensions are according to IEC and DIN standards. The MTB pumps are designed specifically for the transfer of liquids containing solid particles in industrial machine tool applications. Typical applications include: • machining centres • cooling units • grinding machines • lathes • washing devices. Technical: <table><tr><td>Rated flow:</td><td>60 m³/h</td></tr><tr><td>Rated head:</td><td>42.1 m</td></tr><tr><td>Actual impeller diameter:</td><td>199 mm</td></tr><tr><td>Primary shaft seal:</td><td>BQQV</td></tr><tr><td>Curve tolerance:</td><td>ISO 9906:1999 Annex A</td></tr></table> Materials: <table><tr><td>Pump housing:</td><td>Cast iron EN-JL1040 ASTM A48-40 B</td></tr><tr><td>Impeller:</td><td>Cast iron EN-JL1030 ASTM A48-30 B</td></tr></table> Installation: <table><tr><td>Maximum ambient temperature:</td><td>40 °C</td></tr><tr><td>Maximum operating pressure:</td><td>16 bar</td></tr><tr><td>Flange standard:</td><td>DIN</td></tr><tr><td>Pump inlet:</td><td>DN 80</td></tr><tr><td>Pump outlet:</td><td>DN 65</td></tr><tr><td>Pressure rating:</td><td>PN 16</td></tr></table> Liquid: <table><tr><td>Pumped liquid:</td><td>Water</td></tr><tr><td>Liquid temperature range:</td><td>0 .. 90 °C</td></tr><tr><td>Liquid temperature during operation:</td><td>20 °C</td></tr><tr><td>Density:</td><td>998.2 kg/m³</td></tr></table> Electrical data: <table><tr><td>Motor type:</td><td>SIEMENS</td></tr><tr><td>IE Efficiency class:</td><td>IE2</td></tr><tr><td>Rated power - P2:</td><td>15 kW</td></tr><tr><td>Mains frequency:</td><td>50 Hz</td></tr><tr><td>Rated voltage:</td><td>3 x 380-415D/660-690Y V</td></tr><tr><td>Rated current:</td><td>26.4/15.2 A</td></tr><tr><td>Starting current:</td><td>700-700 %</td></tr><tr><td>Cos phi - power factor:</td><td>0.90</td></tr><tr><td>Rated speed:</td><td>2950 rpm</td></tr><tr><td>Number of poles:</td><td>2</td></tr><tr><td>Enclosure class (IEC 34-5):</td><td>55 (Protect. water jets/dust)</td></tr><tr><td>Insulation class (IEC 85):</td><td>F</td></tr></table>	Rated flow:	60 m³/h	Rated head:	42.1 m	Actual impeller diameter:	199 mm	Primary shaft seal:	BQQV	Curve tolerance:	ISO 9906:1999 Annex A	Pump housing:	Cast iron EN-JL1040 ASTM A48-40 B	Impeller:	Cast iron EN-JL1030 ASTM A48-30 B	Maximum ambient temperature:	40 °C	Maximum operating pressure:	16 bar	Flange standard:	DIN	Pump inlet:	DN 80	Pump outlet:	DN 65	Pressure rating:	PN 16	Pumped liquid:	Water	Liquid temperature range:	0 .. 90 °C	Liquid temperature during operation:	20 °C	Density:	998.2 kg/m³	Motor type:	SIEMENS	IE Efficiency class:	IE2	Rated power - P2:	15 kW	Mains frequency:	50 Hz	Rated voltage:	3 x 380-415D/660-690Y V	Rated current:	26.4/15.2 A	Starting current:	700-700 %	Cos phi - power factor:	0.90	Rated speed:	2950 rpm	Number of poles:	2	Enclosure class (IEC 34-5):	55 (Protect. water jets/dust)	Insulation class (IEC 85):	F
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Position	Qty.	Description
		Others: Net weight: 138 kg Gross weight: 158 kg

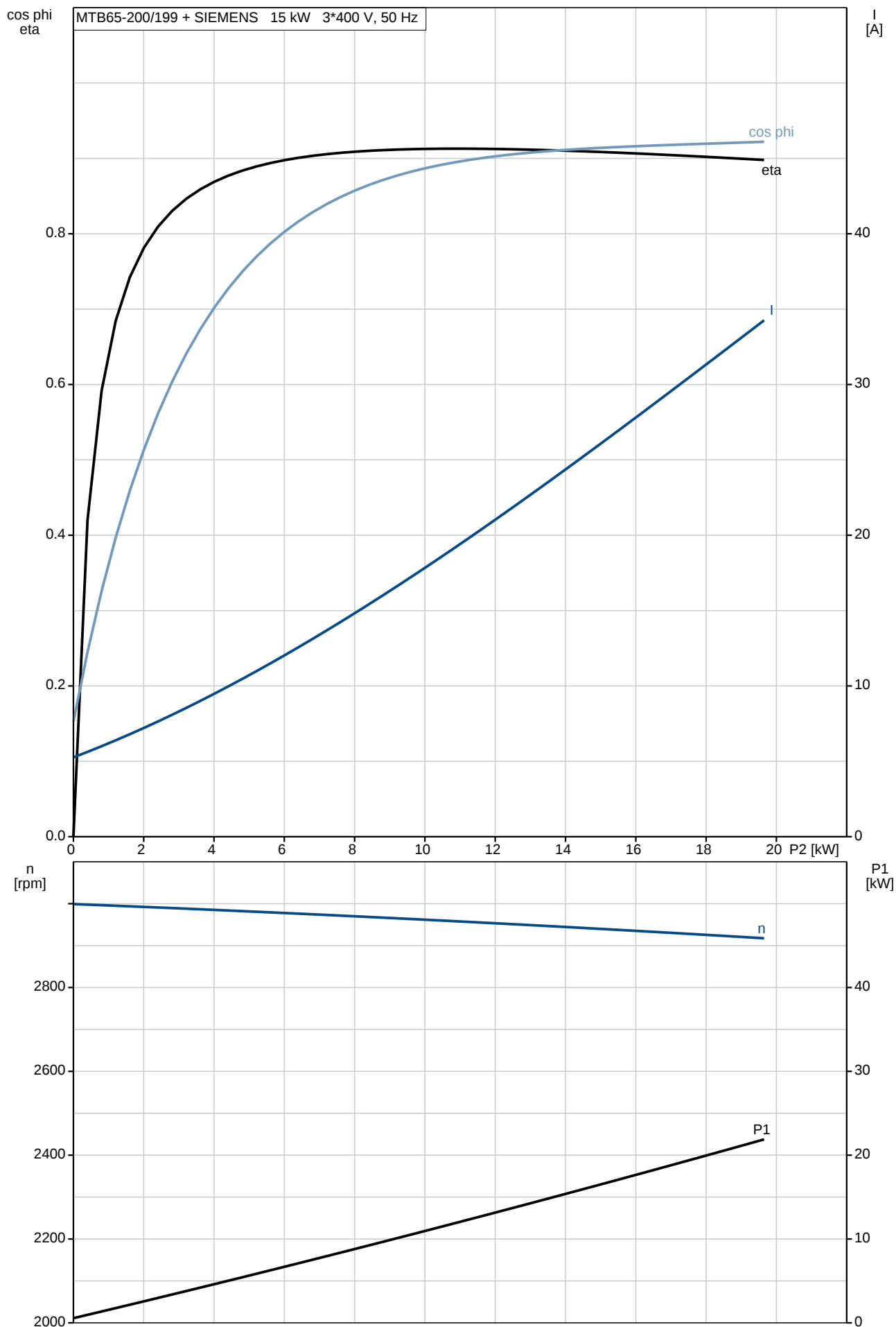
On request MTB 65-200/199 A-F-A-BQQV 50 Hz



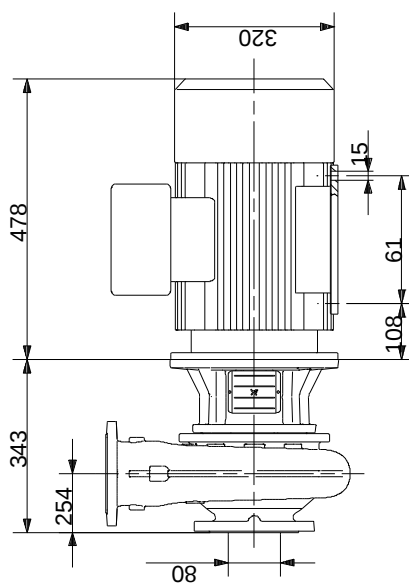
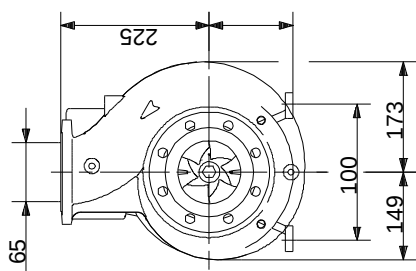
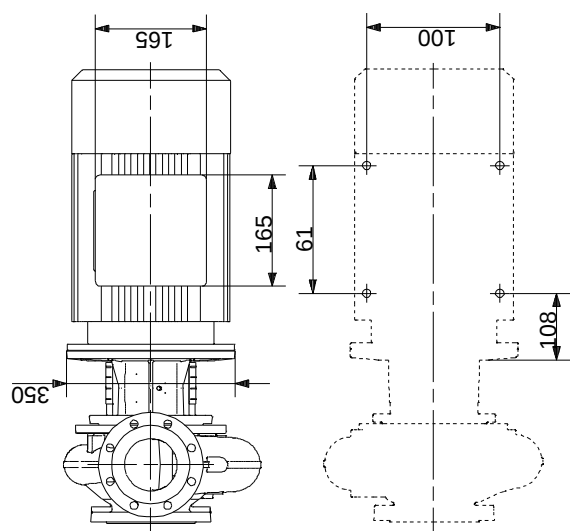
Description	Value
General information:	
Product name:	MTB 65-200/199 A-F-A-BQQV
Product No:	On request
EAN number:	On request
Technical:	
Rated flow:	60 m³/h
Rated head:	42.1 m
Actual impeller diameter:	199 mm
Primary shaft seal:	BQQV
Curve tolerance:	ISO 9906:1999 Annex A
Pump version:	A
Materials:	
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
Pump inlet:	DN 80
Pump outlet:	DN 65
Pressure rating:	PN 16
Connect code:	F
Liquid:	
Pumped liquid:	Water
Liquid temperature range:	0 .. 90 °C
Liquid temperature during operation:	20 °C
Density:	998.2 kg/m³
Electrical data:	
Motor type:	SIEMENS
IE Efficiency class:	IE2
Rated power - P2:	15 kW
Mains frequency:	50 Hz
Rated voltage:	3 x 380-415D/660-690Y V
Rated current:	26.4/15.2 A
Starting current:	700-700 %
Cos phi - power factor:	0.90
Rated speed:	2950 rpm
Number of poles:	2
Enclosure class (IEC 34-5):	55 (Protect. water jets/dust)
Insulation class (IEC 85):	F
Motor protec:	PTC
Motor No:	83A15H26
Motor range:	Premium
Others:	
Net weight:	138 kg
Gross weight:	158 kg



On request MTB 65-200/199 A-F-A-BQQV 50 Hz



On request MTB 65-200/199 A-F-A-BQQV 50 Hz



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

Exploded view



Sectional drawing (TM058200 for TPE2,TPE3)



TM058200

Exploded view (TM057026 for MGE model H/I)



Pos	Description	Annotation	Données de classification	Référence	Quantité	Unité
	Motor				1	pcs

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.

All information is copyright Grundfos.



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