Position	Qty.	Description
	1	**MTB 65-200/183 A-F-A-BQQV**

Note! Product picture may differ from actual product

Product No.: 96580751

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:

Rated flow:	60 m³/h
Rated head:	32 m
Actual impeller diameter:	183 mm
Primary shaft seal:	BQQV
Curve tolerance:	ISO 9906:1999 Annex A

Materials:

Pump housing:	Cast iron EN-JL1040 ASTM A48-40 B
Impeller:	Cast iron EN-JL1030 ASTM A48-30 B

Installation:

Maximum ambient temperature:	60 °C
Maximum operating pressure:	16 bar
Flange standard:	DIN
Pump inlet:	DN 80
Pump outlet:	DN 65
Pressure rating:	PN 16

Liquid:

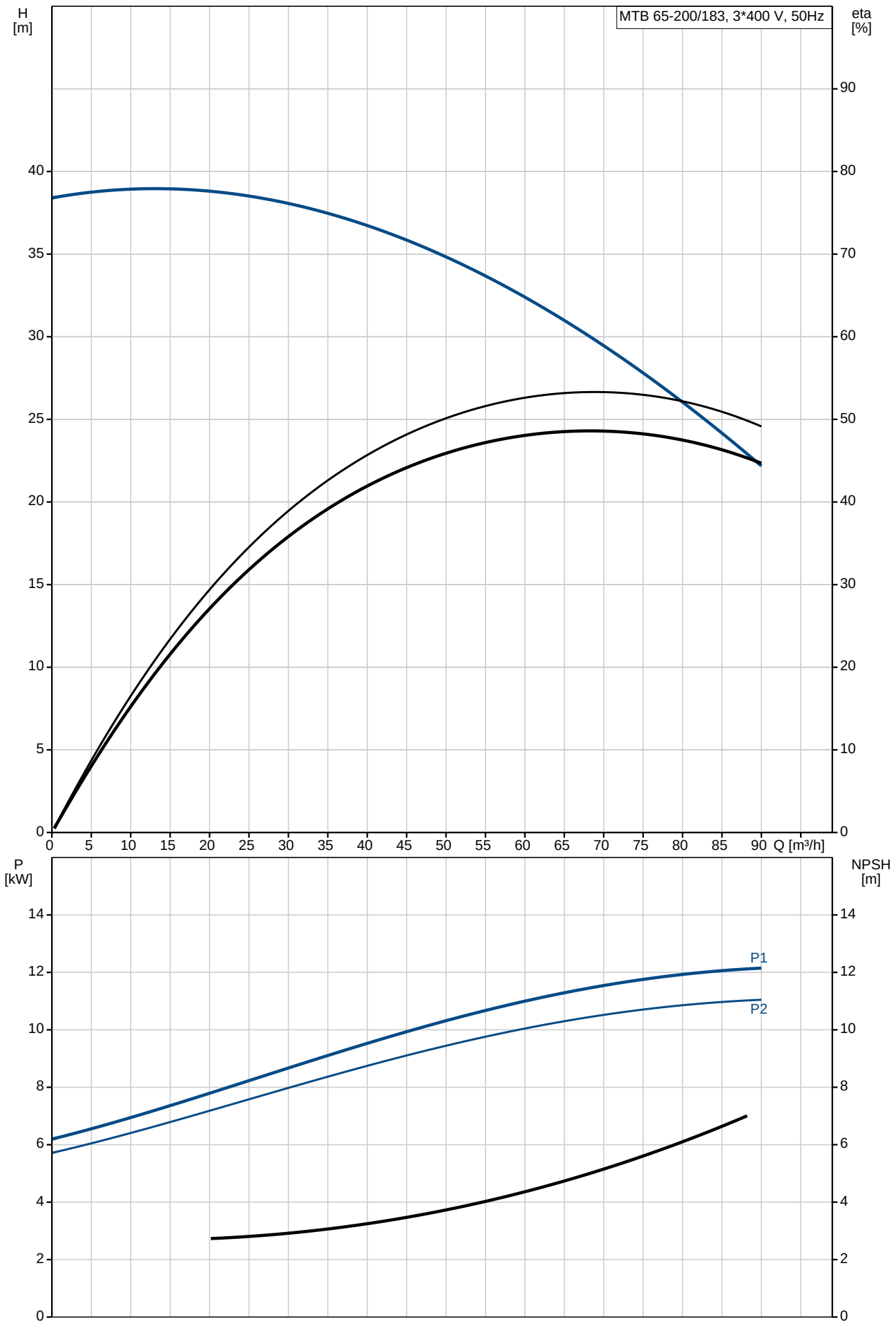
Pumped liquid:	Water
Liquid temperature range:	0 .. 90 °C
Liquid temperature during operation:	20 °C
Density:	998.2 kg/m³

Electrical data:

Motor type:	160MB
IE Efficiency class:	IE2
Rated power - P2:	11 kW
Mains frequency:	50 Hz

Position	Qty.	Description	
		Rated voltage:	3 x 380-415 D/660-690 Y V
		Rated current:	21,2-19,6/12,2-11,6 A
		Starting current:	660-780 %
		Cos phi - power factor:	0,90-0,88
		Rated speed:	2930-2940 rpm
		Efficiency:	IE2 89,4%
		Motor efficiency at full load:	89.4 %
		Motor efficiency at 3/4 load:	92.5 %
		Motor efficiency at 1/2 load:	93.0 %
		Number of poles:	2
		Enclosure class (IEC 34-5):	55 Dust/Jetting
		Insulation class (IEC 85):	F
		Others:	
		Net weight:	129 kg
		Gross weight:	149 kg

96580751 MTB 65-200/183 50 Hz



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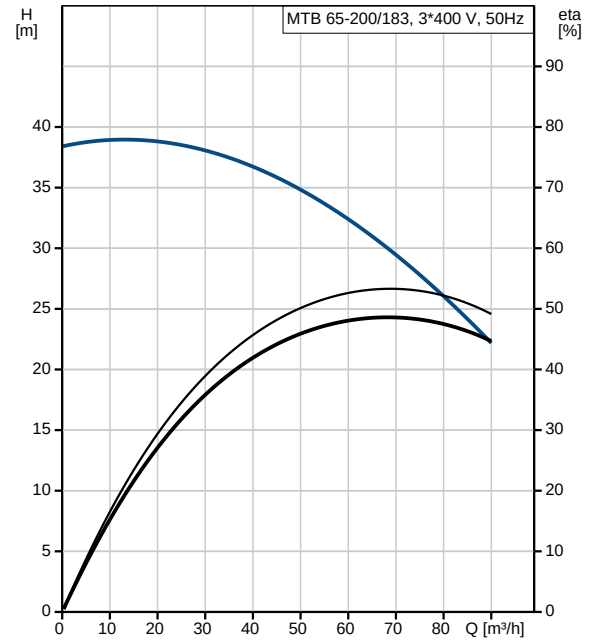
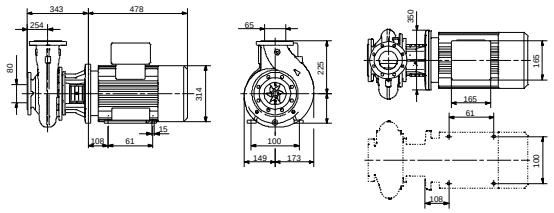
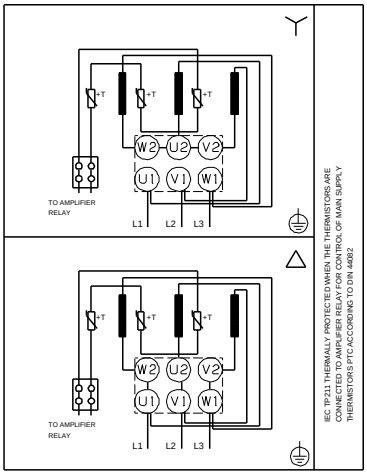
Description	Value
General information:	
Product name:	MTB 65-200/183 A-F-A-BQQV
Product No:	96580751
EAN number:	5700831382003
Technical:	
Rated flow:	60 m³/h
Rated head:	32 m
Actual impeller diameter:	183 mm
Primary shaft seal:	BQQV
Curve tolerance:	ISO 9906:1999 Annex A
Pump version:	A
Materials:	
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:	60 °C
Maximum operating pressure:	16 bar
Flange standard:	DIN
Connect code:	F
Pump inlet:	DN 80
Pump outlet:	DN 65
Pressure rating:	PN 16
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:	160MB
IE Efficiency class:	IE2
Rated power - P2:	11 kW
Mains frequency:	50 Hz
Rated voltage:	3 x 380-415 D/660-690 Y V
Rated current:	21,2-19,6/12,2-11,6 A
Starting current:	660-780 %
Cos phi - power factor:	0,90-0,88
Rated speed:	2930-2940 rpm
Efficiency:	IE2 89,4%
Motor efficiency at full load:	89.4 %
Motor efficiency at 3/4 load:	92.5 %
Motor efficiency at 1/2 load:	93.0 %
Number of poles:	2
Enclosure class (IEC 34-5):	55 Dust/Jetting
Insulation class (IEC 85):	F
Motor protec:	PTC
Motor No:	87410028
Motor range:	Standard
Others:	
Net weight:	129 kg
Gross weight:	149 kg







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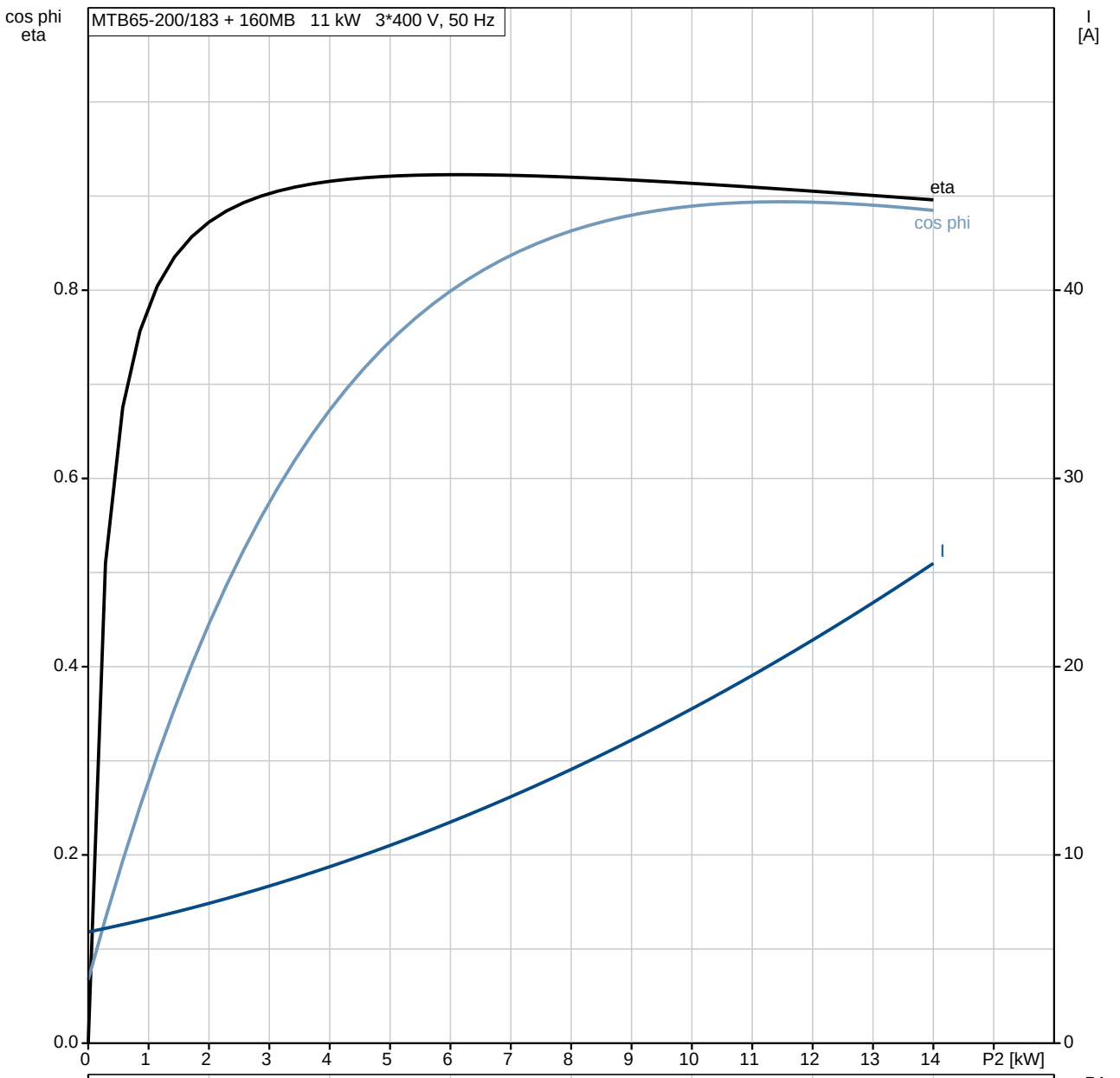
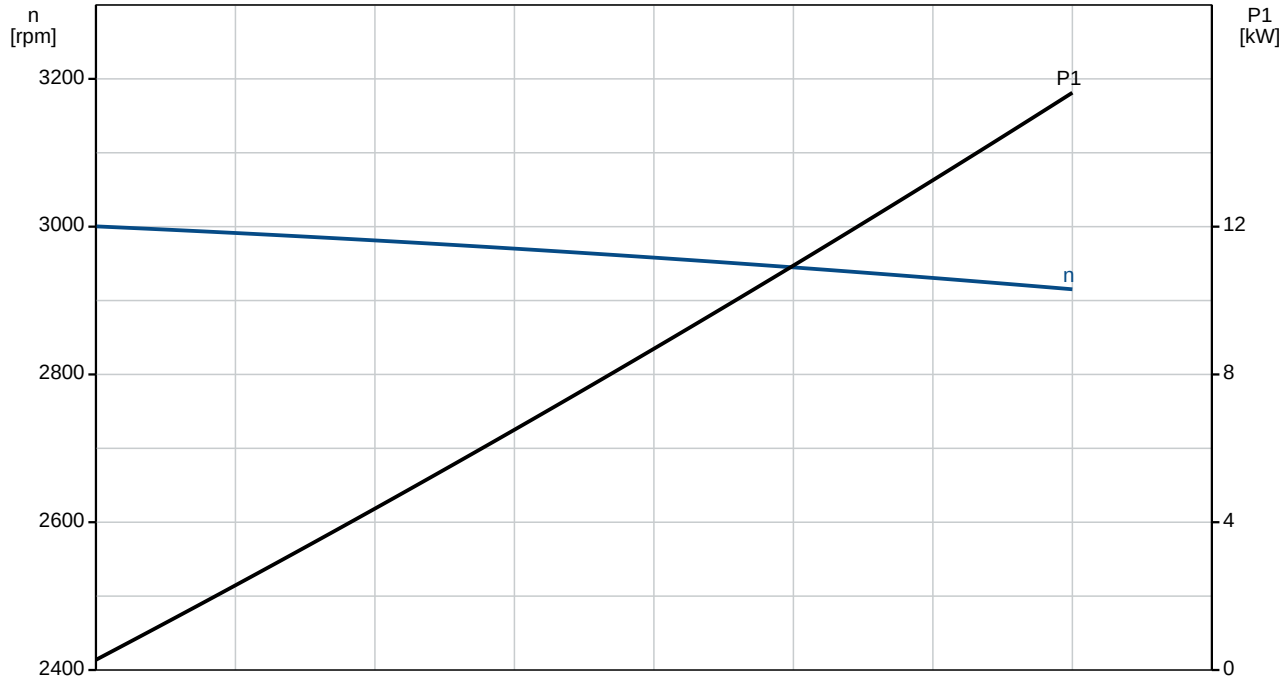
96580751 MTB 65-200/183 50 Hz





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