

Qty. Description

1 **MTR 8-16/16 A-W-A-HUUV**



Product No.: [98825712](#)

Multistage, immersible, self-priming, centrifugal pump for vertical installation in tanks etc. The pump head and base are in cast iron – all other wetted parts are in stainless steel.

The pump has the following characteristics TEST:

- Dimensions 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 sintered metal split coupling.

A cartridge shaft seal ensures high reliability, safe handling, and easy access and service. The pump is fitted with a 3-phase, fan-cooled asynchronous motor.

Controls:

Frequency converter: NONE

Liquid:

Pumped liquid: Water
 Liquid temperature range: -10 .. 90 °C
 Selected liquid temperature: 20 °C
 Density: 998.2 kg/m³

Technical:

Pump speed on which pump data are based: 2930 rpm
 Rated flow: 133 l/min
 Rated head: 132.5 m
 Chambers: 16
 Drainage back to tank: N
 Pump orientation: Vertical
 Code for shaft seal: HUUV
 Approvals: CE,EAC
 Curve tolerance: ISO9906:2012 3B

Materials:

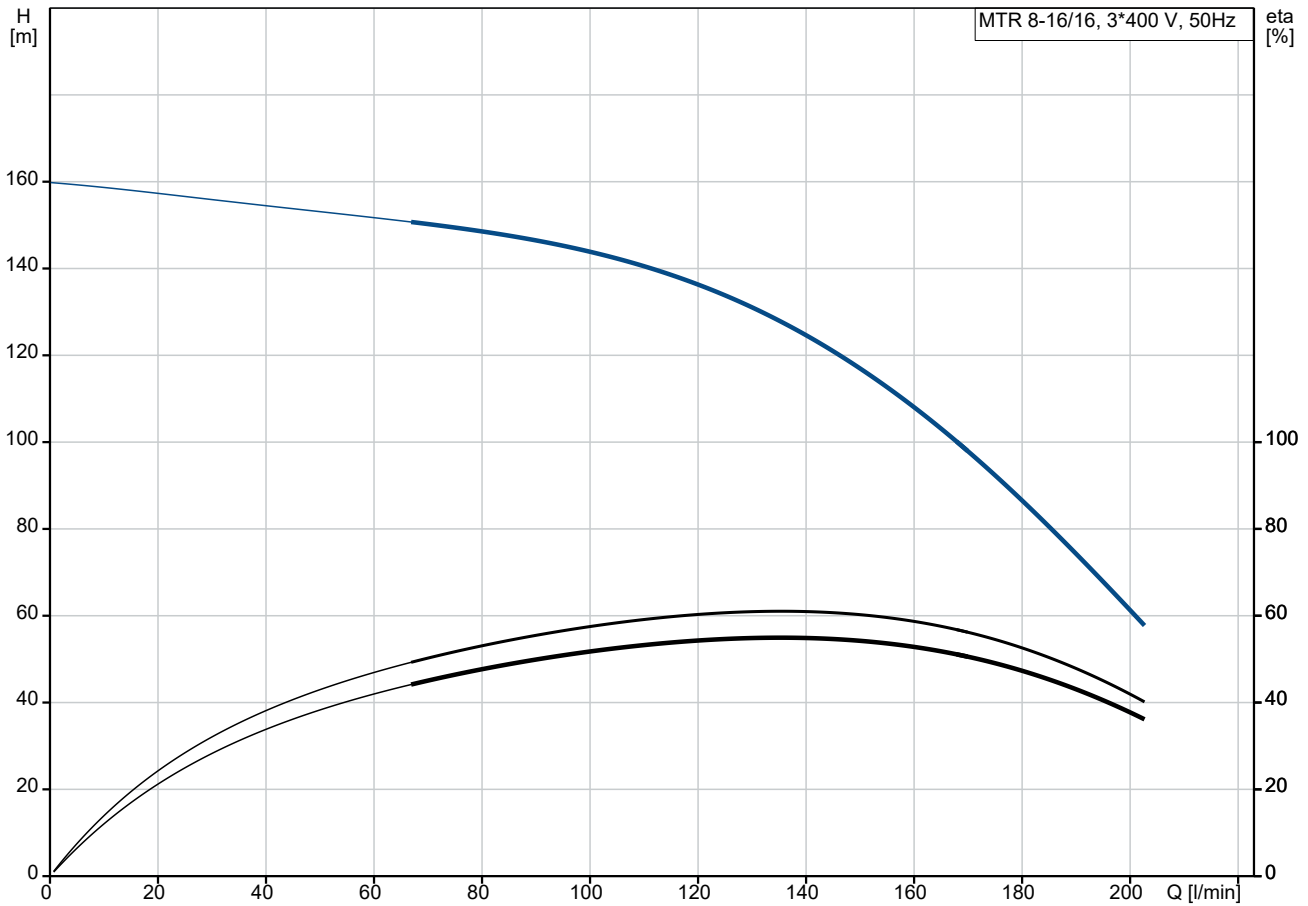
Pump head: Cast iron
 EN 1561 EN-GJL-200
 ASTM A48-25B
 Impeller: Stainless steel
 EN 1.4301
 AISI 304

Installation:

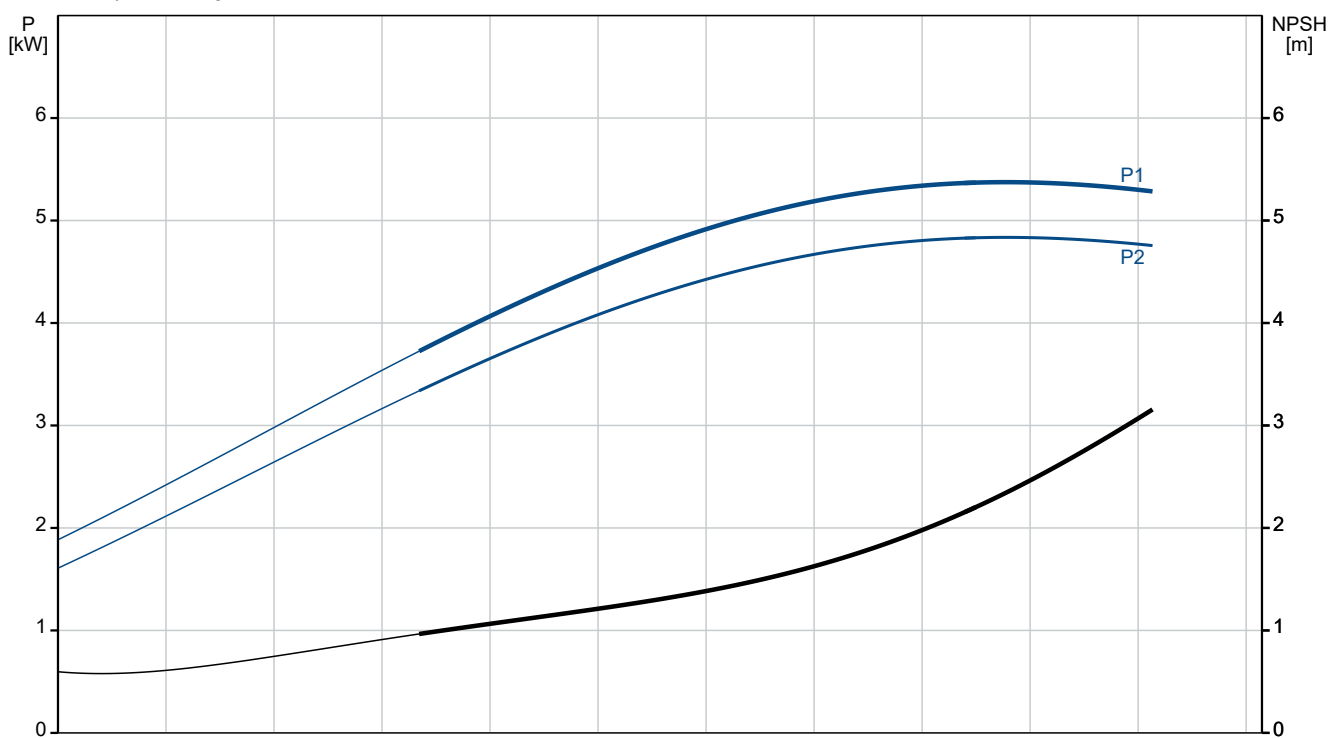
t max amb: 60 °C
 Maximum operating pressure: 25 bar
 Max pressure at stated temp: 25 bar / 90 °C
 Type of connection: G internal thread

Qty.	Description
1	<p>Size of outlet connection: 1 1/4 inch Immersion depth: 601 mm Flange size for motor: FF265</p> <p>Electrical data: Motor standard: IEC Motor type: 132SC IE Efficiency class: IE3 Rated power - P2: 5.5 kW Mains frequency: 50 Hz Suitable for 50/60 Hz: N Rated voltage: 3 x 380-415D V Rated current: 11 A Starting current: 1080-1180 % Cos phi - power factor: 0.87-0.82 Rated speed: 2920-2940 rpm Efficiency: IE3 89,2% Motor efficiency at full load: 89.2 % Motor efficiency at 3/4 load: 90.0 % Motor efficiency at 1/2 load: 89.6 % Number of poles: 2 Enclosure class (IEC 34-5): 55 Dust/Jetting Insulation class (IEC 85): F Motor No: 85U17417</p> <p>Others: Terminal box position: 6 Minimum efficiency index, MEI ≥: 0.70 Net weight: 65.9 kg Gross weight: 86.8 kg Shipping volume: 0.279 m³ Danish VVS No.: 386965016</p>

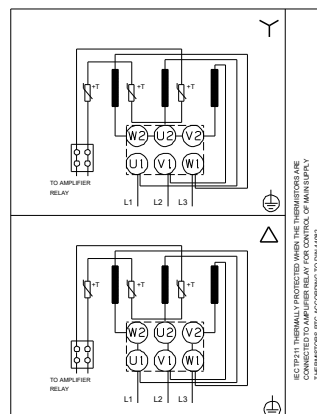
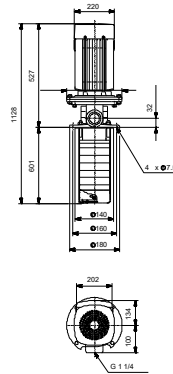
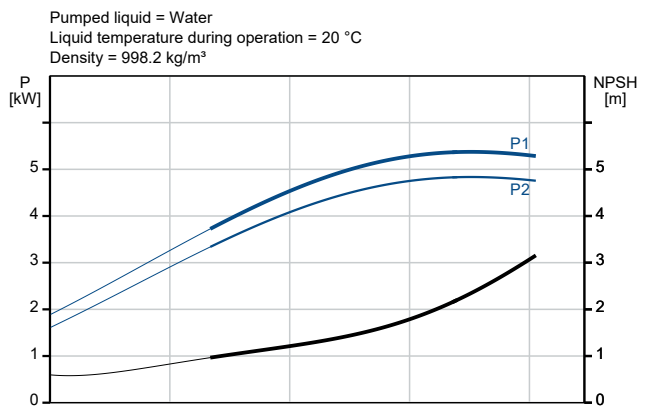
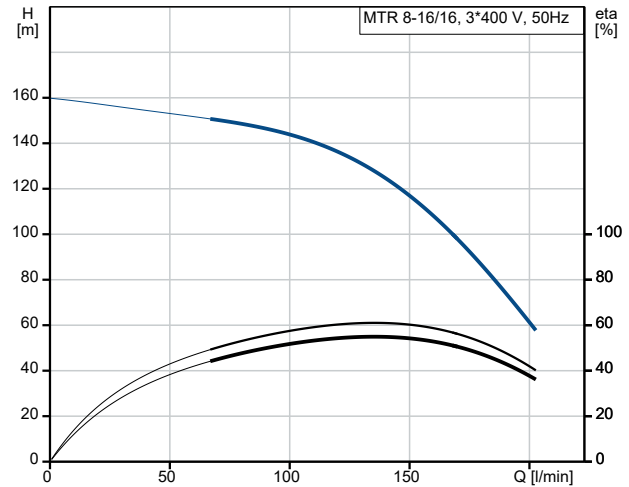
98825712 MTR 8-16/16 A-W-A-HUUV 50 Hz



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



Description	Value
General information:	
Product name:	MTR 8-16/16 A-W-A-HUUV
Product No:	98825712
EAN number:	5712601939850
Technical:	
Pump speed on which pump data are based:	2930 rpm
Rated flow:	133 l/min
Rated head:	132.5 m
Chambers:	16
Impellers:	16
Number of reduced-diameter impellers:	0
Drainage back to tank:	N
Pump orientation:	Vertical
Code for shaft seal:	HUUV
Approvals:	CE,EAC
Curve tolerance:	ISO9906:2012 3B
Pump version:	A
Model:	A
Materials:	
Pump head:	Cast iron
Pump head:	EN 1561 EN-GJL-200
Pump head:	ASTM A48-25B
Impeller:	Stainless steel
Impeller:	EN 1.4301
Impeller:	AISI 304
Material code:	A
Installation:	
t max amb:	60 °C
Maximum operating pressure:	25 bar
Max pressure at stated temp:	25 bar / 90 °C
Type of connection:	G internal thread
Size of outlet connection:	1 1/4 inch
Immersion depth:	601 mm
Flange size for motor:	FF265
Connect code:	W </td
Liquid:	
Pumped liquid:	Water
Liquid temperature range:	-10 .. 90 °C
Selected liquid temperature:	20 °C
Density:	998.2 kg/m ³
Electrical data:	
Motor standard:	IEC
Motor type:	132SC
IE Efficiency class:	IE3
Rated power - P2:	5.5 kW
Mains frequency:	50 Hz
Suitable for 50/60 Hz:	N
Rated voltage:	3 x 380-415D V
Rated current:	11 A
Starting current:	1080-1180 %
Cos phi - power factor:	0.87-0.82
Rated speed:	2920-2940 rpm
Efficiency:	IE3 89,2%
Motor efficiency at full load:	89.2 %
Motor efficiency at 3/4 load:	90.0 %
Motor efficiency at 1/2 load:	89.6 %
Number of poles:	2





Company name:

Created by:

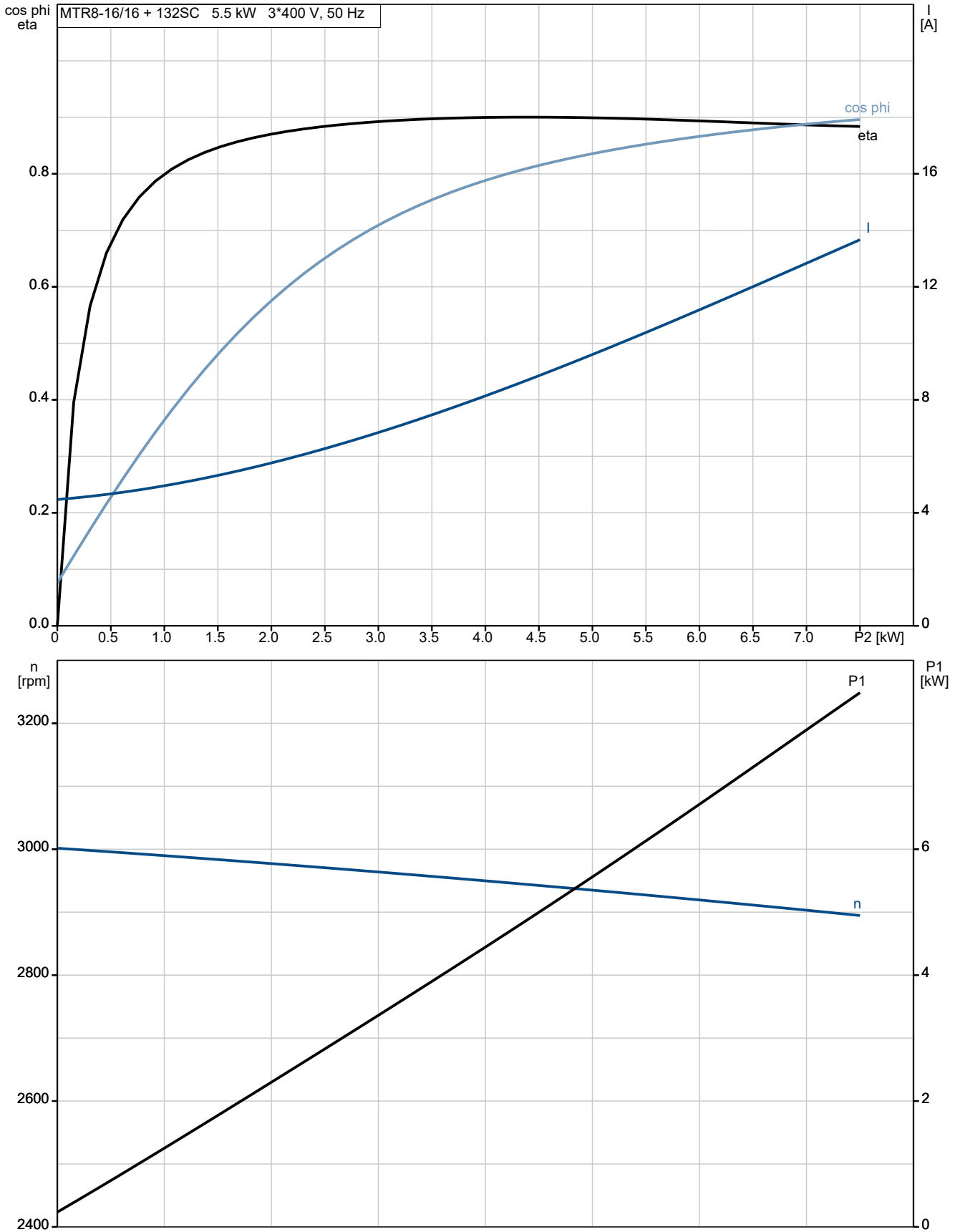
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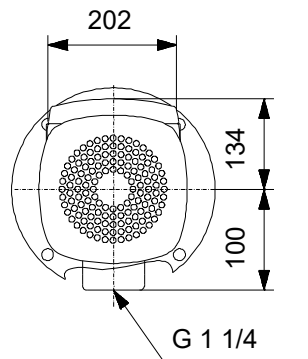
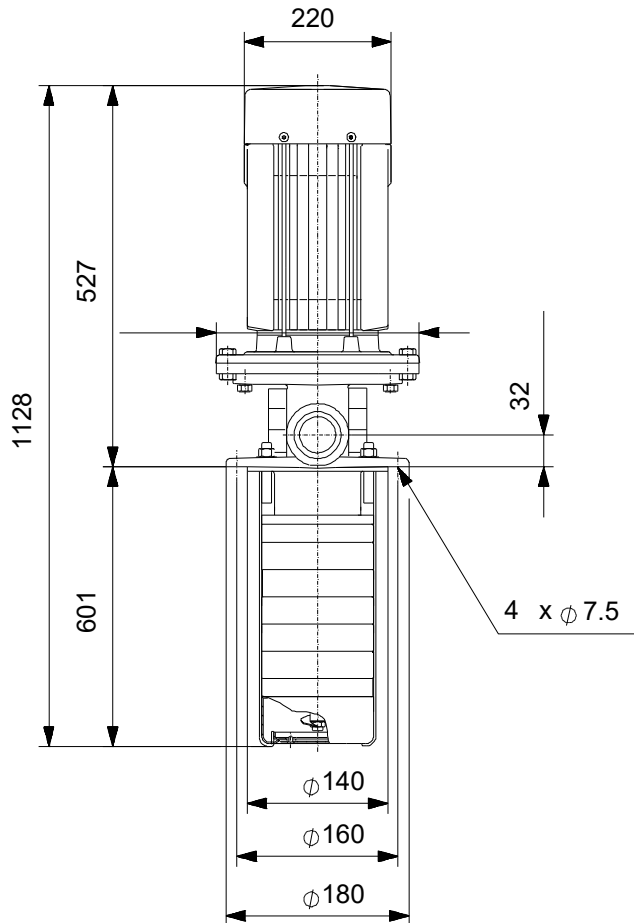
30/12/2022

Description	Value
Enclosure class (IEC 34-5):	55 Dust/Jetting
Insulation class (IEC 85):	F
Built-in motor protection:	PTC
Motor No:	85U17417
Controls:	
Frequency converter:	NONE
Others:	
Terminal box position:	6
Minimum efficiency index, MEI ≥:	0.70
Net weight:	65.9 kg
Gross weight:	86.8 kg
Shipping volume:	0.279 m ³
Danish VVS No.:	386965016

98825712 MTR 8-16/16 A-W-A-HUUV 50 Hz



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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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IEC TP211 THERMALLY PROTECTED WHEN THE THERMISTORS ARE
CONNECTED TO AMPLIFIER RELAY FOR CONTROL OF MAIN SUPPLY
THERMISTORS PTC ACCORDING TO DIN 44082

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

