

Belt driven guided linear unit
 Linearantrieb mit Zahnriemen und integrierter Kugelumlaufführung
 Attuatori lineari a cinghia e guida a ricircolo di sfere



MTB80-XXXX-XX

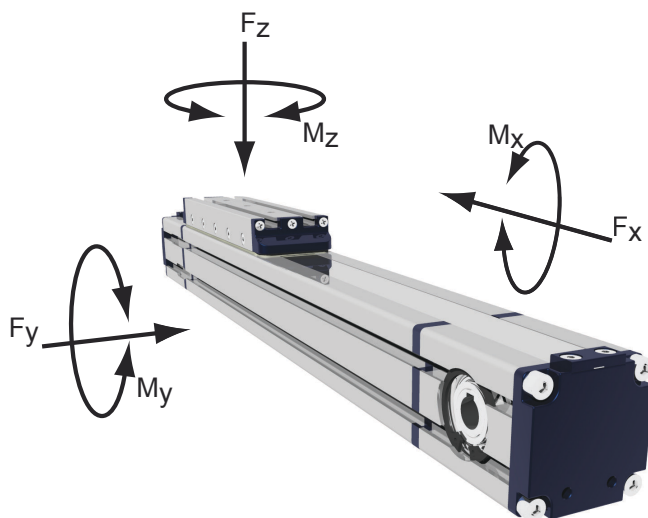
TECHNICAL DATA - TECHNISCHE DATEN - - DATI TECNICI

Size - Baugröße - Taglia		80x80
Max. speed - Max. Geschwindigkeit - Velocità max	m/s	3
Max. stroke length - Max. Hub - Corsa max	mm	6700*
Min. stroke length - Min. Hub - Corsa min	mm	100
Pulley drive ratio - Hub pro Umdrehung - Corsa/giro puleggia	mm	160
Number of teeth of pulley - Zähne der Riemenscheibe - nr. denti puleggia		32
Teeth belt with Steel Reinforced Polyurethane ATL 5 profile clearance 0, width 25 mm ATL 5-Profil Riemen 25 mm Breite- 5mm Achsabstand Tipo di cinghia profilo ATL passo 5 larghezza 25 mm		
Max rpm - Max. Drehzahl der Antriebswelle - Max nr. di giri in ingresso	rpm	1150
Base weight - Gewicht bei 0mm Hub - Peso corsa 0 mm	Kg	6
Add for 100 mm of stroke - Gewicht bei 100mm Hub - Peso corsa 100 mm	Kg	0,9
Max. load* - Max. Belastung - Carico max*	Fx	N 1650
	Fy	N 4500
	Fz	N 4500
Moments* - Max. Belastungsmoment* - Momenti max*	Mx	Nm 80
	My	Nm 450
	Mz	Nm 450
Inertia moment Aluminum profile - Flächenträgheitsmoment - Momento d'inerzia profilo	Ix	cm ⁴ 183
Inertia moment Aluminum profile - Flächenträgheitsmoment - Momento d'inerzia profilo	Iy	cm ⁴ 226
Repeatability - Wiederholgenauigkeit - Ripetibilità	mm	± 0,05
Max. radial load on input shaft - Max. axiallylasten an der Antriebswelle - Carico assiale max all'albero motore	N	300
No load torque - Leerlaufmoment - Coppia resistente	Nm	0,9

The moments and the loads above are max. values. For any further information, please contact our technical department.

Die angegebenen Momente und Belastungen sind max. Werte, die nicht überschritten werden sollen. Für weitere Info, bitte wenden Sie sich an unserem Konstruktionsbüro.

I carichi e i momenti indicati sono massimi consigliati, per ulteriori informazioni consultare il ns ufficio tecnico.



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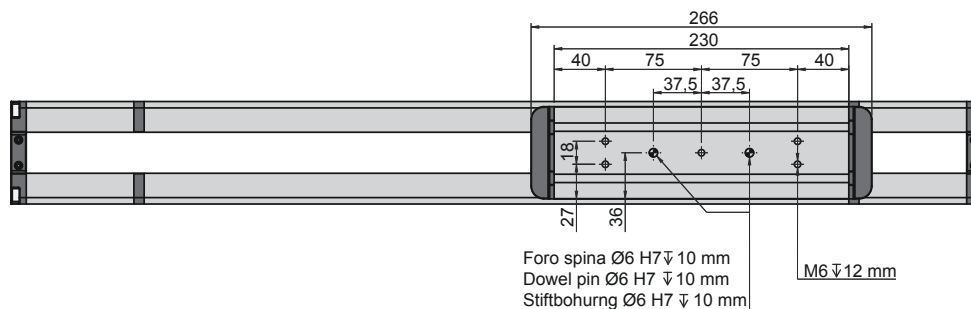
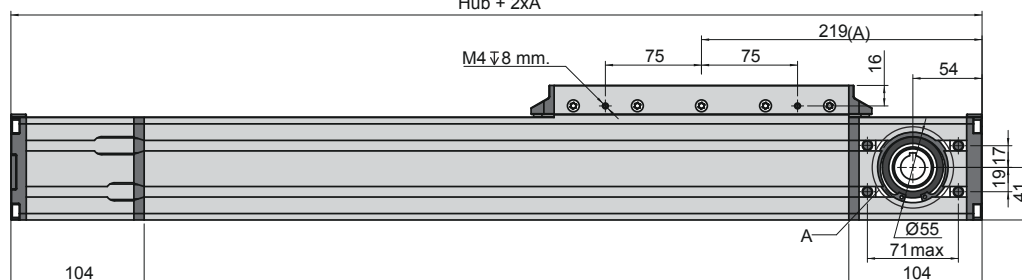
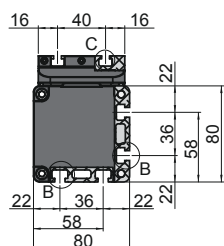
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Corsa + 2xA
Stroke + 2xA
Hub + 2xA

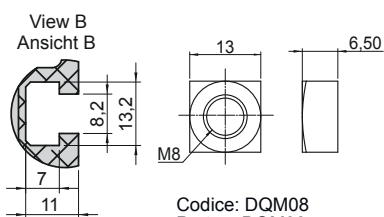


Technical drawing of the base plate (Fig. 1) showing dimensions: 19 H7, 30, 30, and M6 x 8 mm.

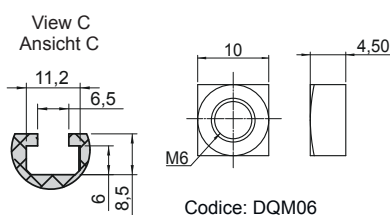
Technical drawing of a square plate with the following dimensions and features:

- Overall width: 72
- Overall height: 105
- Inner width (between top holes): 40
- Inner height (between side holes): 80
- Distance from bottom edge to bottom holes: 8
- Distance from left edge to left holes: 20
- Distance from right edge to right holes: 20
- Distance between left holes: 40
- Distance between right holes: 40
- Four holes are located at the corners of the inner square (40x80).

B Per tutte le versioni d'albero Ø55 H7 prof 2 mm
For all shaft version Ø55 H7 deep 2 mm
Für alle Wellen-Versionen Ø55 H7 2 mm tief



Codice: DQM08
Part n.: DQM08
Bestellcode: DQM08



Codice: DQM06
Part n.: DQM06
Bestellcode: DQM06

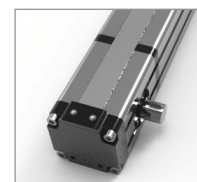
MTB80-0900-F9

F6: female shaft $\varnothing 16$ mm with keyshaft
F9: female shaft $\varnothing 19$ mm with keyshaft
M9L or R: male shaft $\varnothing 19$ mm mount right or left
D9: double male shaft $\varnothing 19$ mm

- Series and size 80x80



Dual mount D9
Doppelwelle D9
Doppio albero D9



Right mount M9R
*Antriebswelle
rechts M9R
Lato destro M9R*

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