

Colibri-L SE MUK -Baureihe

die präzise und robuste Lösung mit doppelter integrierter Kugelumlaufführung



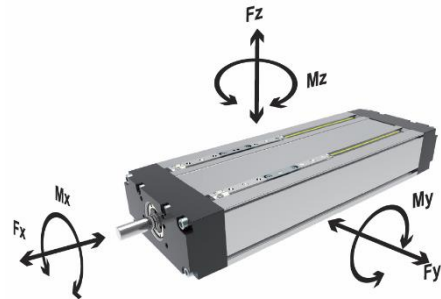
Unsere Lineareinheit mit integrierter Kugelumlaufführung und Kugelgewindetrieb für präzise Positionierungen in robuster Ausführung für schwere Lasten. Einfach zu kombinieren mit unseren Schritt- oder Servomotoren.



MUKxx-1
(pro Führung 1 Laufwagen)



MUKxx-2
(pro Führung 2 Laufwagen)



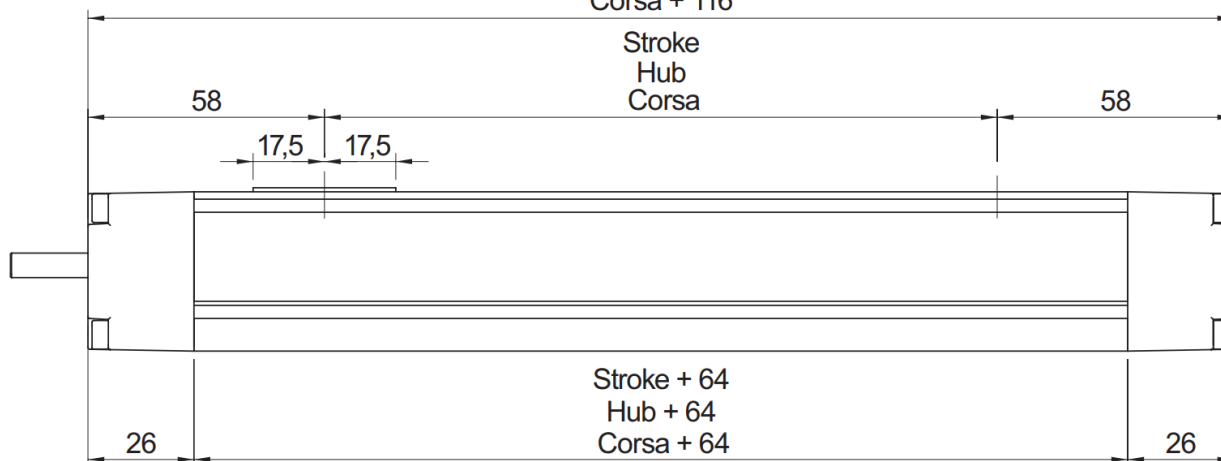
Die angegebenen Momente und Belastungen sind max. Werte, die nicht überschritten werden sollen.

Allgemeine Technische Daten

Typ:		MUK40-1	MUK40-2	MUK50-1	MUK50-2	MUK65-1	MUK65-2
Laufwagen		1	2	1	2	1	2
max. Hub:	mm	1200		1500		1500	
min. Hub:	mm	100		100		100	
Spindelsteigung:	mm	5 10		5 10 16		5 10 20	
Spindeldurchmesser:	mm	12		16		20	
Gewicht bei 0 mm:	kg	1,2	2,1	1,6	2,8	2,8	4,1
Gewicht / 100mm:	kg	0,45		0,55		0,75	
Max. Belastung:	Fx[N]	980 750		1850 1420 1025		3597 2996 1798	
	Fy[N]	2750	3500	4500	9750	8500	11200
	Fz[N]	2750	3500	4500	9750	8500	11200
Max. Belastungsmoment:	Mx[Nm]	85	210	325	600	550	950
	My[Nm]	145	350	210	800	330	1150
	Mz[Nm]	145	350	210	800	330	1150
Wiederholgenauigkeit:	mm	+-0,05		+-0,05		+-0,05	
Leerlaufmoment:	Nm	0,1		0,2		0,3	

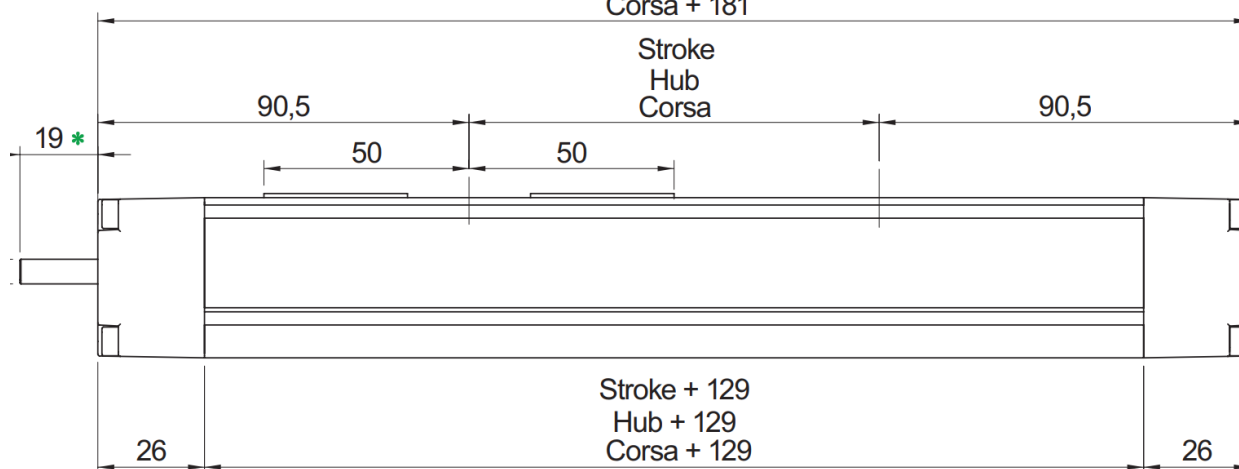
Single Carriage
Uno-Wagen
Carrello Singolo

Stroke + 116
Hub + 116
Corsa + 116



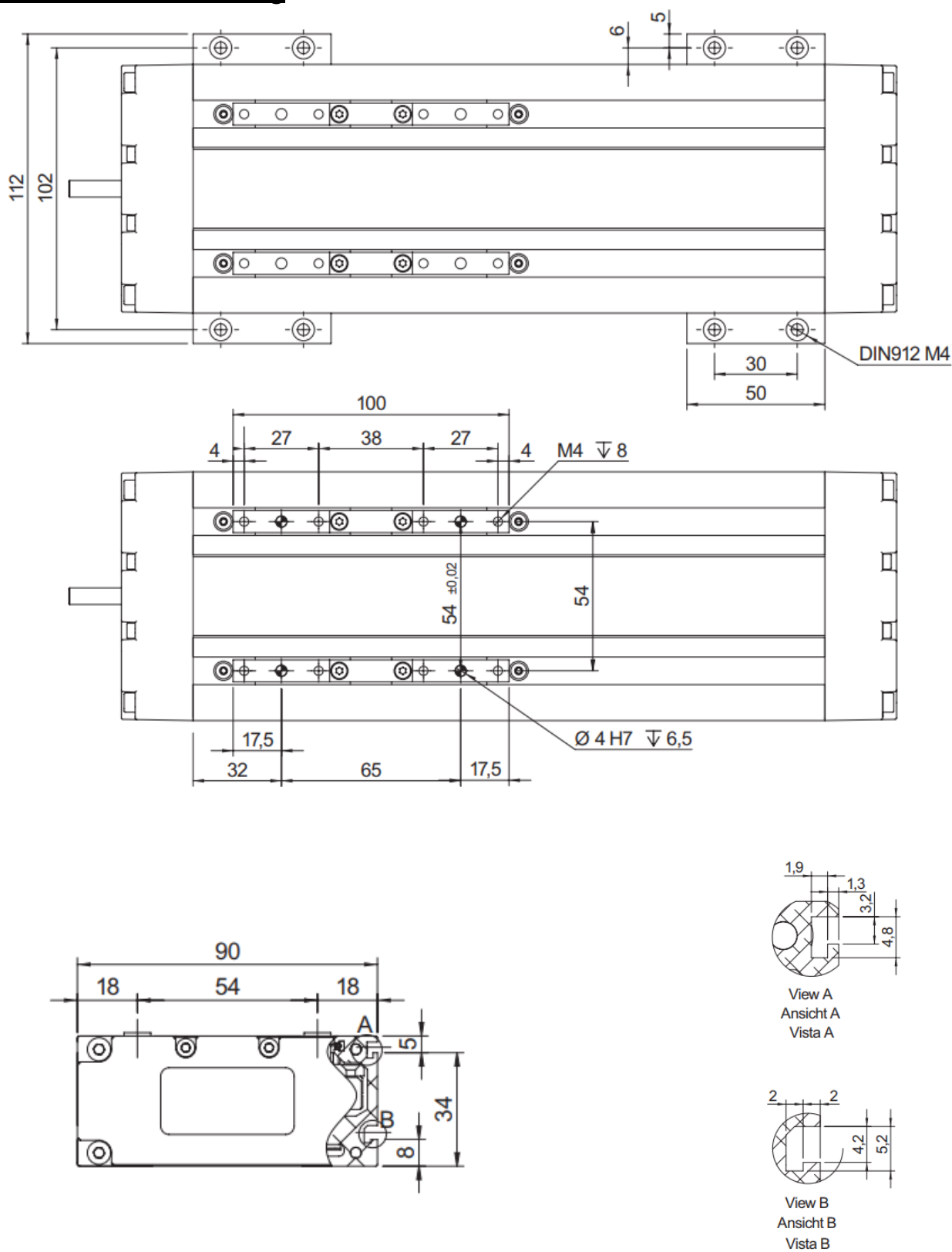
Double Carriage
Tandem-Wagen
Doppio Carrello

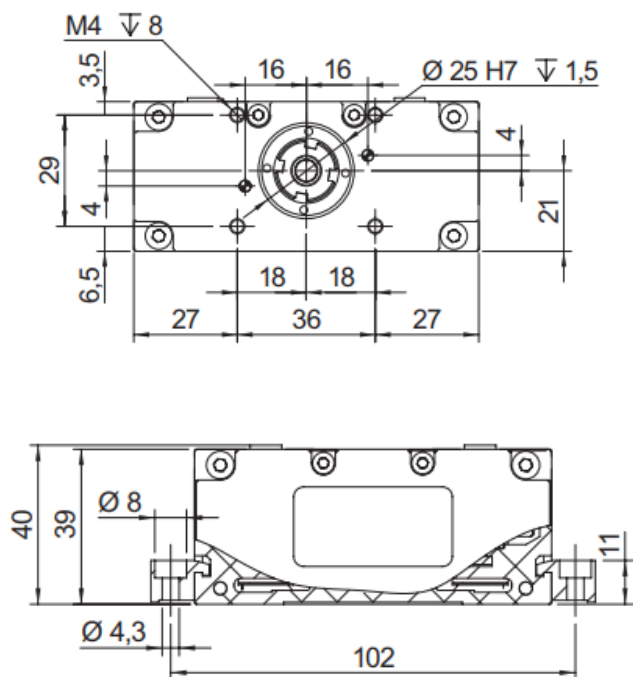
Stroke + 181
Hub + 181
Corsa + 181



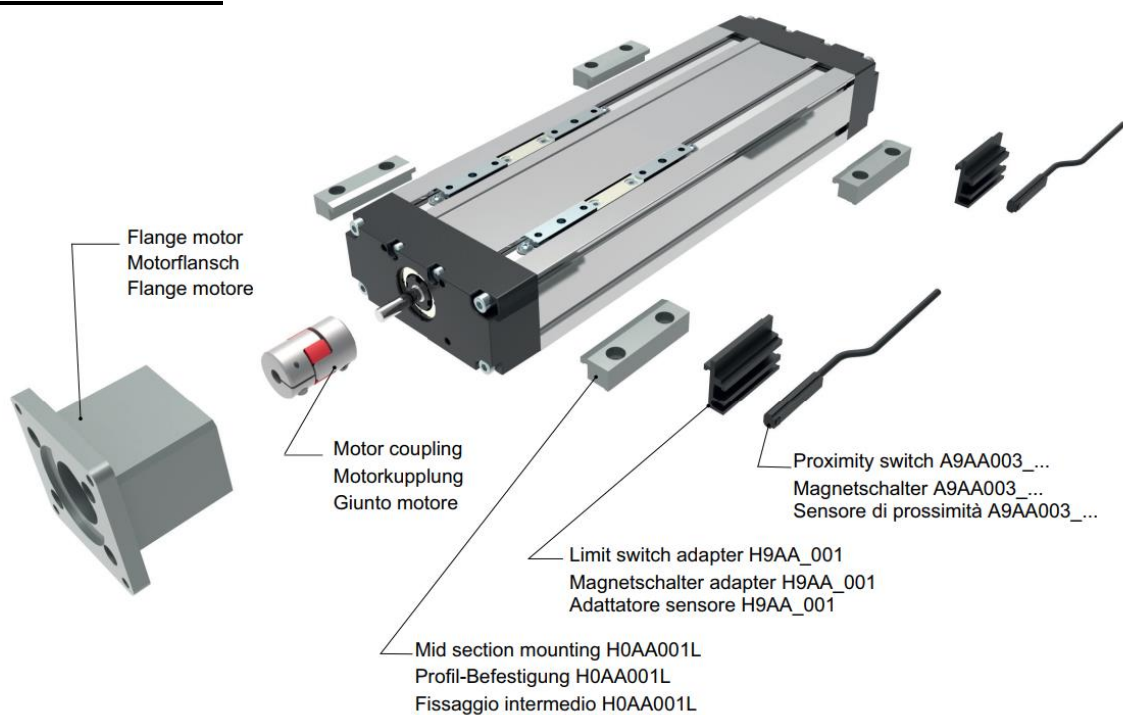
* Durchmesser 6h7, Länge kann angepasst werden.

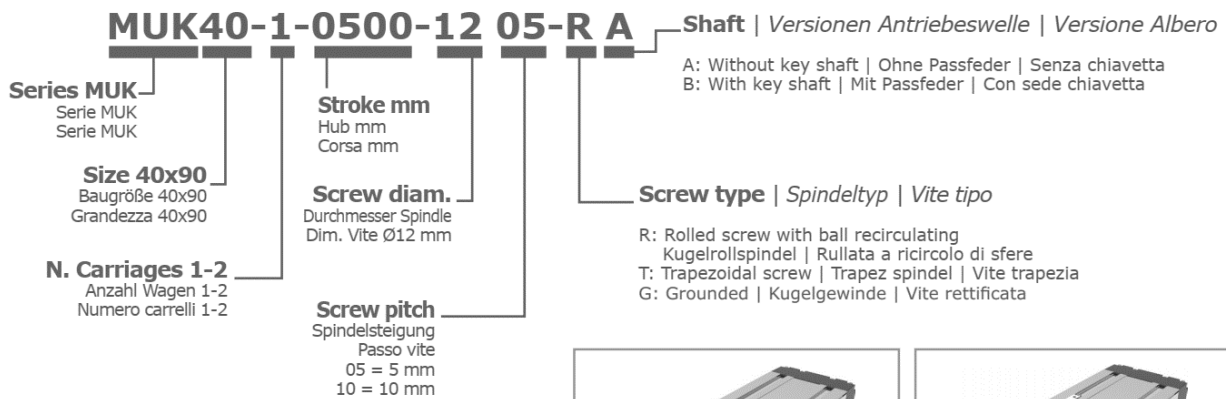
MUK40 Maßzeichnung





Zubehör MUK40

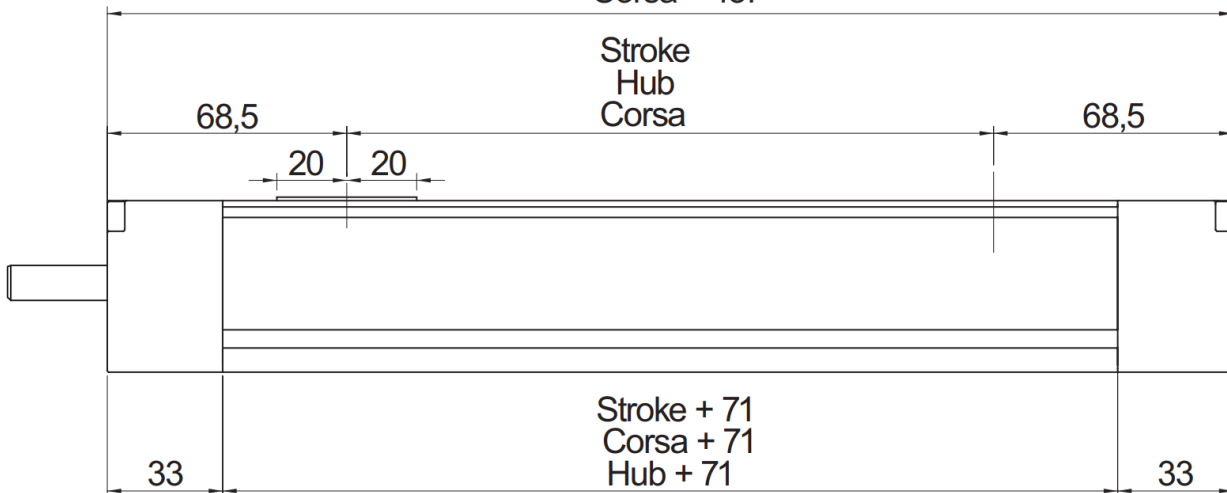




MUK50 Maßzeichnung

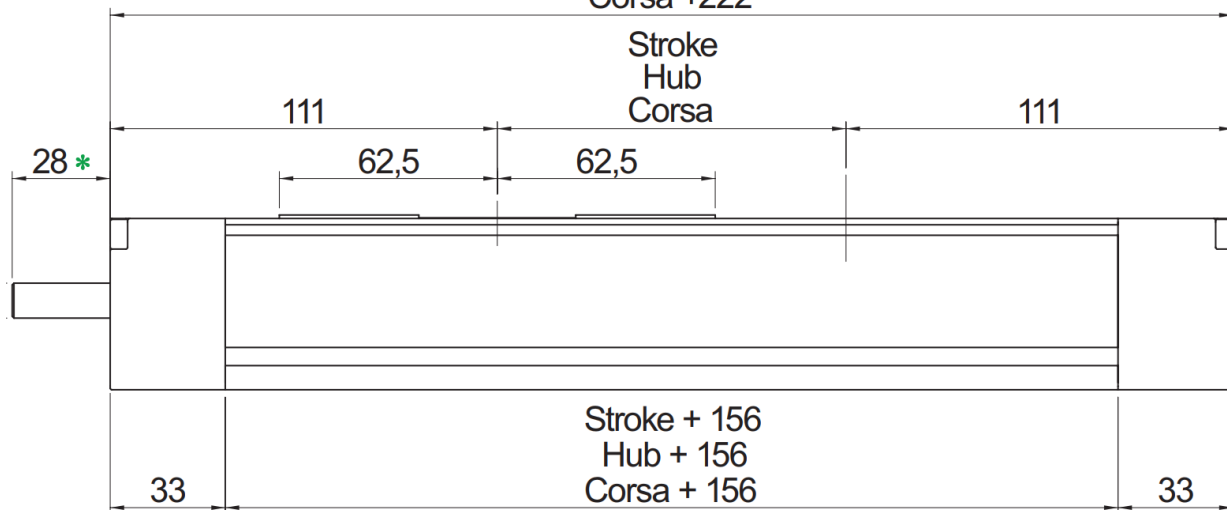
Single Carriage
Uno-Wagen
Carrello Singolo

Stroke + 137
Hub + 137
Corsa + 137



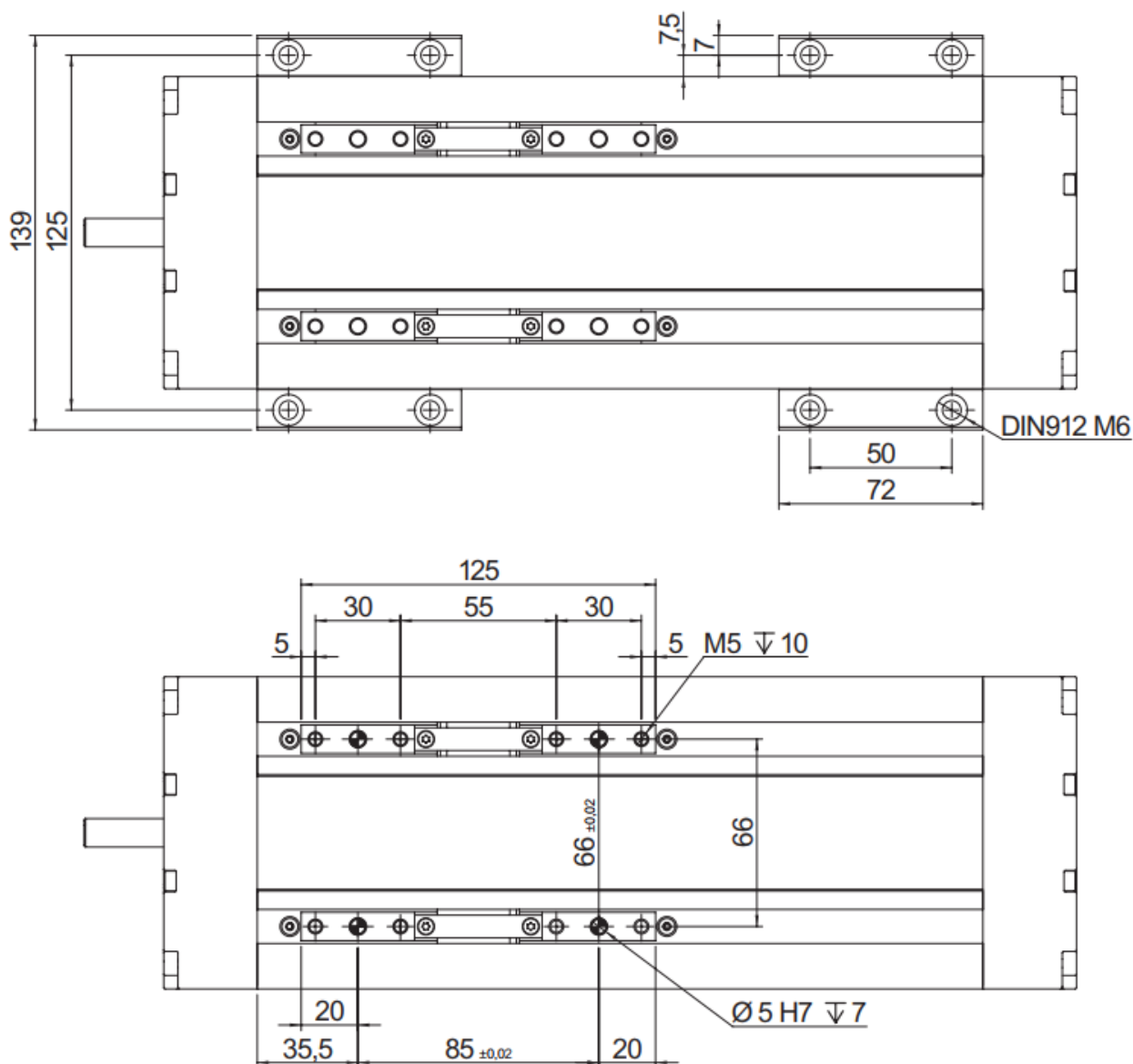
Double Carriage
Tandem-Wagen
Doppio Carrello

Stroke + 222
Hub + 222
Corsa + 222

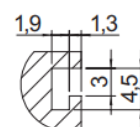
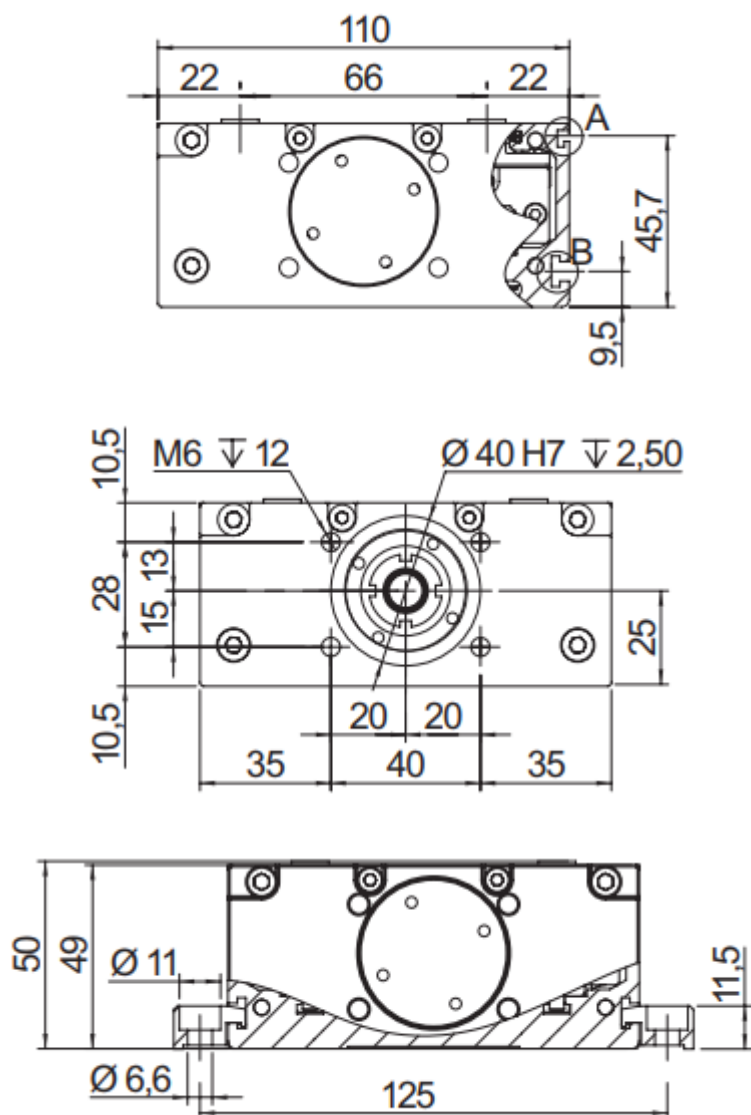


* Durchmesser 10h7, Länge kann angepasst werden.

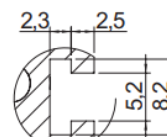
MUK50 Maßzeichnung



MUK50 Maßzeichnungen

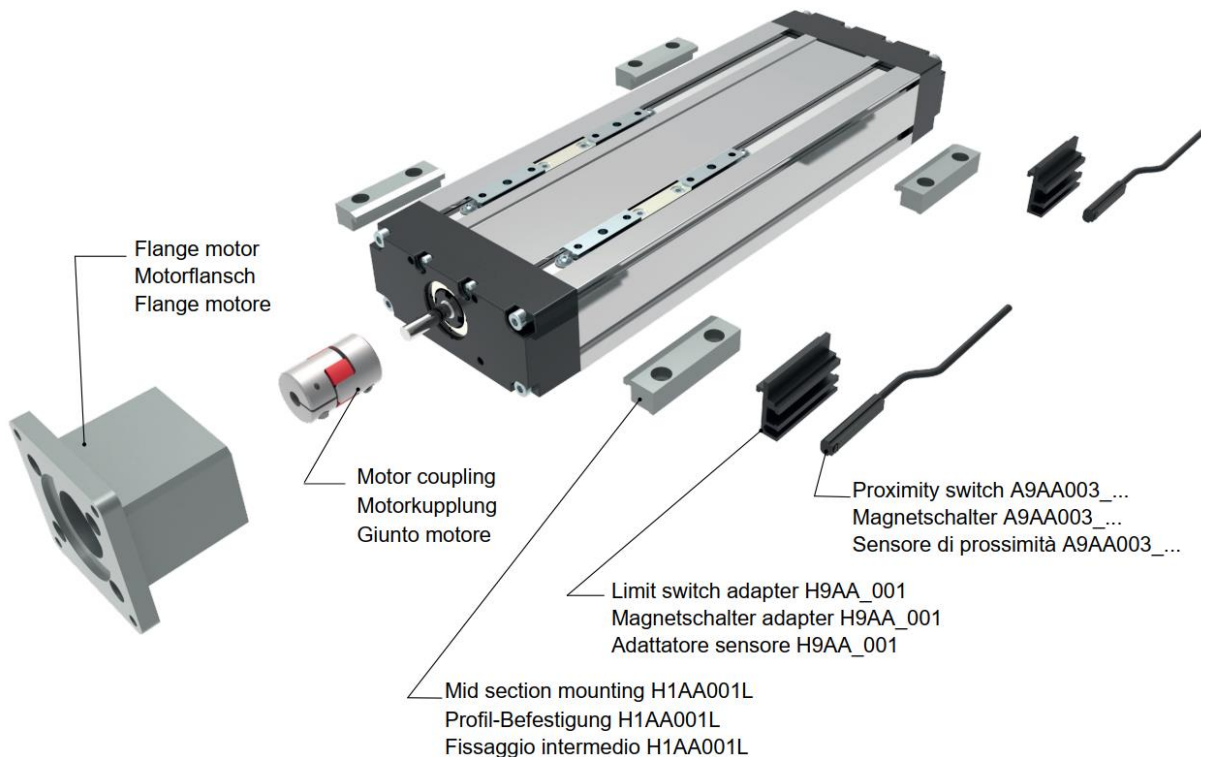


View A
Ansicht A
Vista A



View B
Ansicht B
Vista B

Zubehör MUK50



MUK50 - 1 - 0500 - 16 05 - R A

Serie MUK
Serie MUK
Serie MUK

Size 50x110
Baugröße 50x110
Grandezza 50x110

N. Carriages 1-2
Anzahl Wagen 1-2
Numero carrelli 1-2

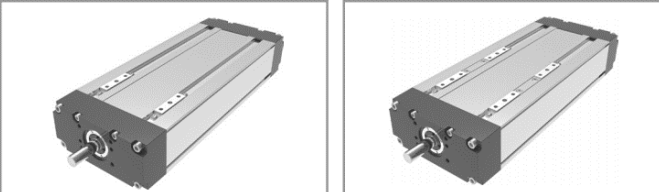
Stroke mm
Hub mm
Corsa mm

Screw diam.
Durchmesser Spindle
Diam. Vite Ø16 mm

Screw pitch
Spindelsteigung
Passo vite
05 = 5 mm
10 = 10 mm
16 = 16 mm

Shaft | Versionen Antriebswelle | Versione Albero
A: Without key shaft | Ohne Passfeder | Senza chiavetta
B: With key shaft | Mit Passfeder | Con sede chiavetta

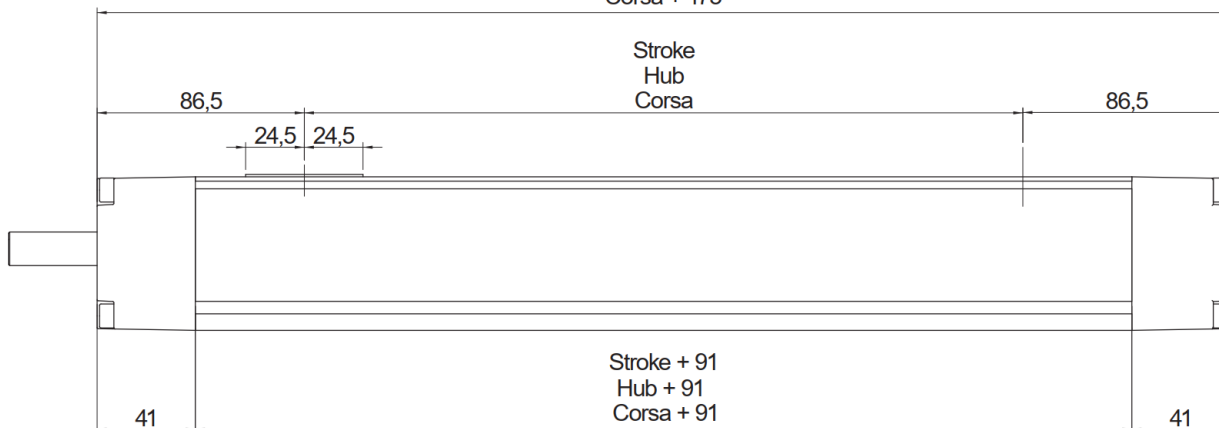
Screw type | Spindeltyp | Vite tipo
R: Rolled screw with ball recirculating
Kugelrollspindel | Rullata a ricircolo di sfere
T: Trapezoidal screw | Trapez spindel | Vite trapezia
G: Grounded | Kugelgewinde | Vite rettificata



MUK65 Maßzeichnungen

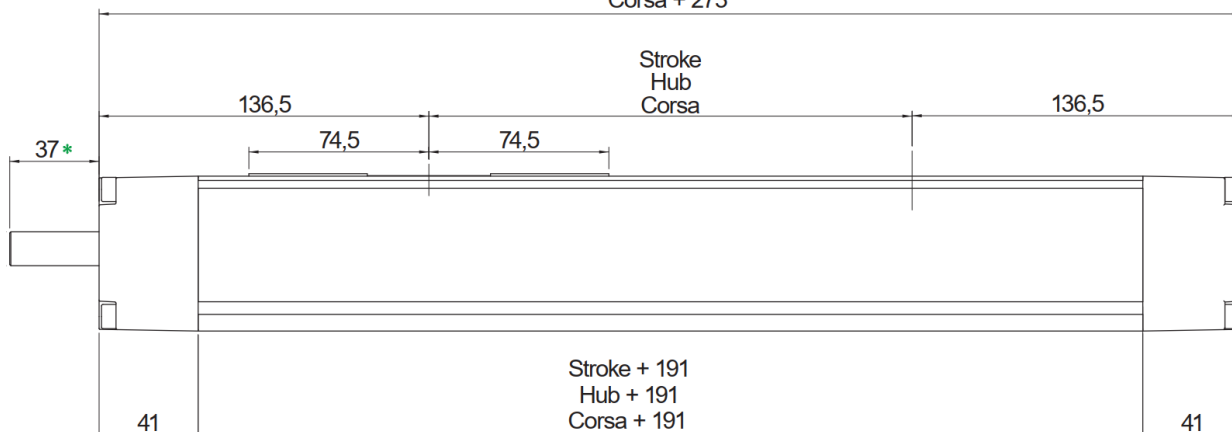
Single Carriage
Uno-Wagen
Carrello Singolo

Stroke + 173
Hub + 173
Corsa + 173



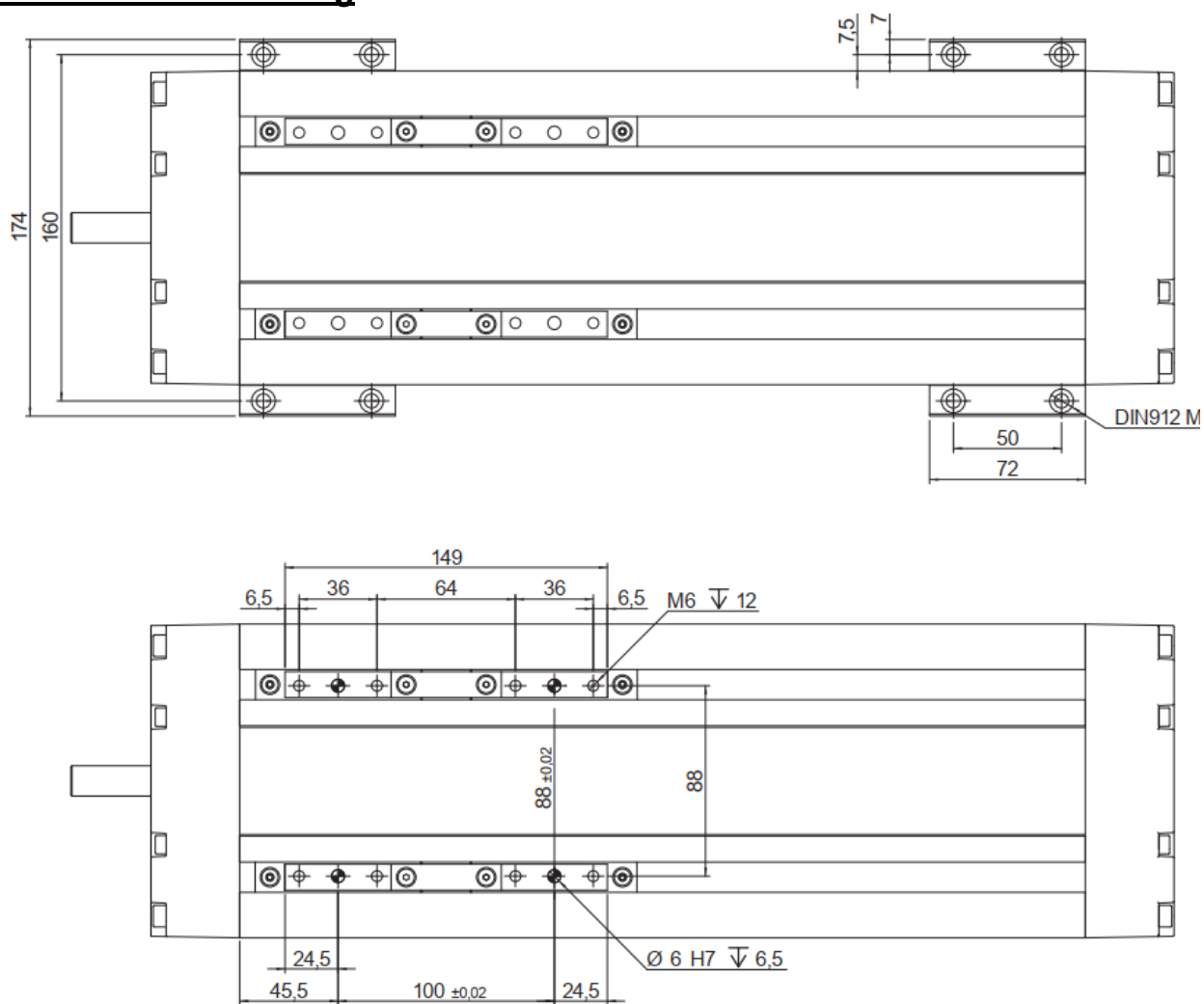
Double Carriage
Tandem-Wagen
Doppio Carrello

Stroke + 273
Hub + 273
Corsa + 273

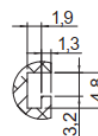
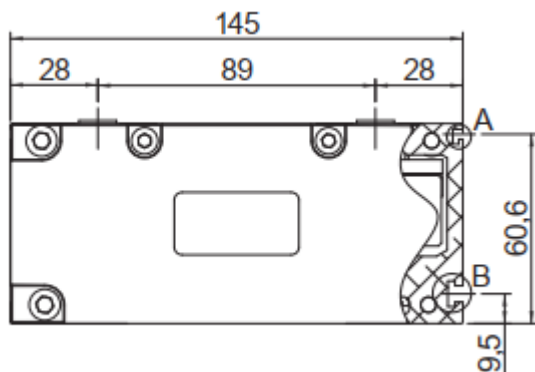
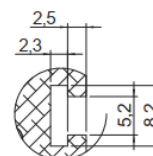
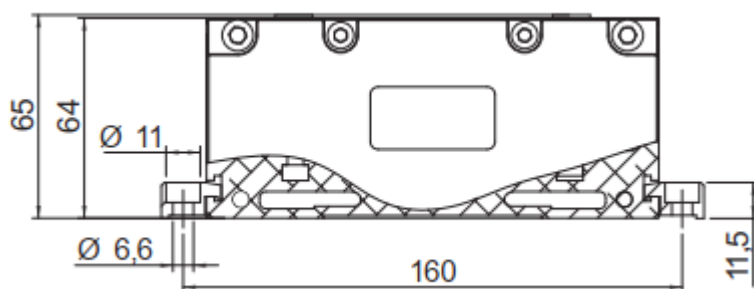
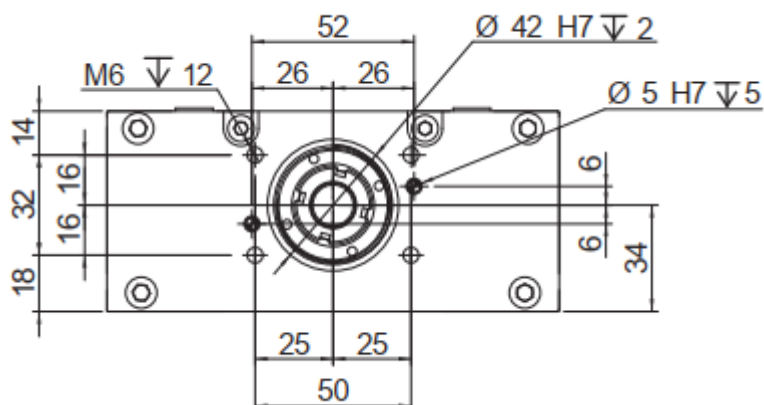


* Durchmesser 14h7, Länge kann angepasst werden.

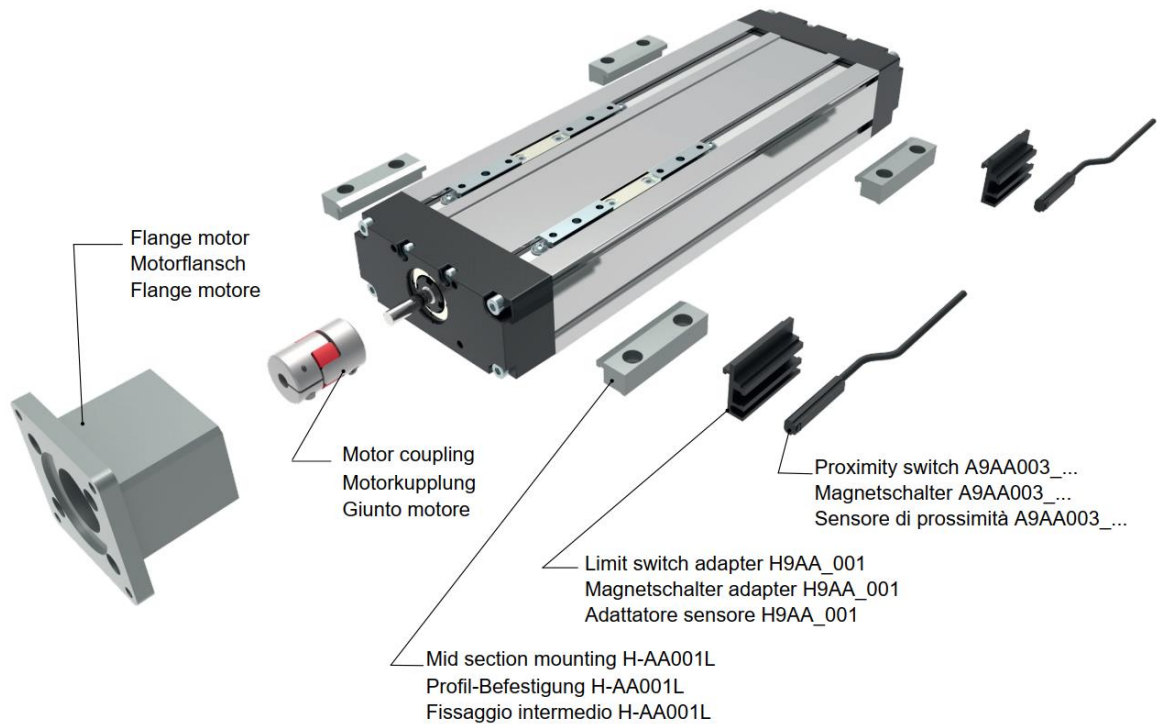
MUK65 Maßzeichnung



MUK65 Maßzeichnungen


 View A
 Ansicht A
 Vista A

 View B
 Ansicht B
 Vista B


Zubehör MUK50



MUK65 -1 -0500 -20 05 -R A

Serie MUK
Serie MUK
Serie MUK

Size 65x145
Baugröße 65x145
Grandezza 65x145

N. Carriages 1-2
Anzahl Wagen 1-2
Numero carrelli 1-2

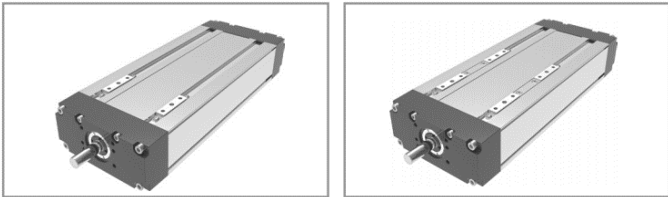
Stroke mm
Hub mm
Corsa mm

Screw diam.
Durchmesser Spindel
Diam. Vite Ø20 mm

Screw pitch
Spindelsteigung
Passo vite
05 = 5 mm
10 = 10 mm
20 = 20 mm

Shaft | Versionen Antriebswelle | Versione Albero
A: Without key shaft | Ohne Passfeder | Senza chiavetta
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Screw type | Spindeltyp | Vite tipo
R: Rolled screw with ball recirculating
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T: Trapezoidal screw | Trapez spindel | Vite trapezia
G: Grounded | Kugelgewinde | Vite rettificata



Beispiele mit angebautem Motor:



Figure 1: MUK 40_2 mit Colibri 23 Profibus

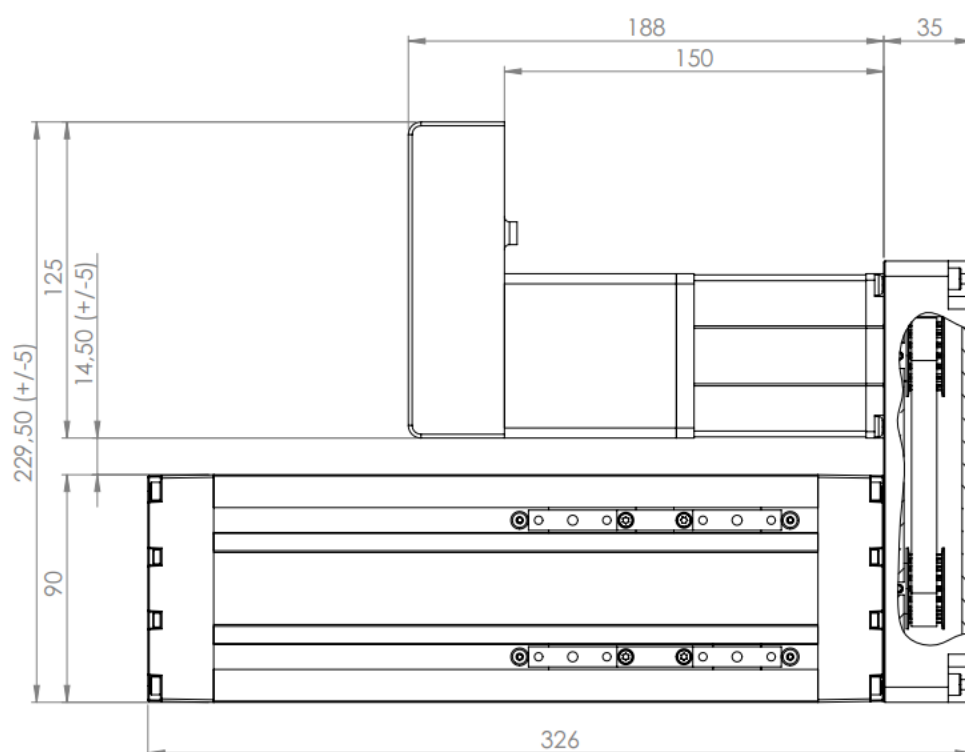


Figure 2: Muk 40_2 mit Colibri Servo Profinet mit Umlenkung