

**Screw driven guided linear unit**

Linearantrieb mit Rundspindel und integrierter Kugelumlaufführung  
 Attuatori lineari a vite e guida a ricircolo di sfere

	Carriages Laufwagen Carrelli	Max stroke Max Hub Corsa max	Min stroke Min Hub Corsa min	Pitch Steigung Passo vite	Ø screw** Ø gewinde** Ø vite**	Base weight Grundmasse Peso base	Add for 100 mm Masse pro 100 mm Hub Peso ogni 100 mm	Inertia moment Ix Flächenträgheitsmoment Momento d'inerzia Ix	Inertia moment Iy Flächenträgheitsmoment Momento d'inerzia Iy
		mm	mm	mm	mm	kg	kg	cm <sup>4</sup>	cm <sup>4</sup>
MUK40-1	1	1200	--	5 10	12	1,2	0,45	13	107
MUK40-2	2	1200	--	5 10	12	2,1	0,45		

	Pitch Steigung Passo vite	Max Fx*	Max Fy*	Max Fz*	Max Mx*	Max My*	Max Mz*
		N	N	N	Nm	Nm	Nm
MUK40-1	5	980	2000	2000	65	105	105
	10	750					
MUK40-2	5	980	2500	2500	145	250	250
	10	750					

\* 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 Informationen wenden Sie sich bitte an unser Konstruktionsbüro.

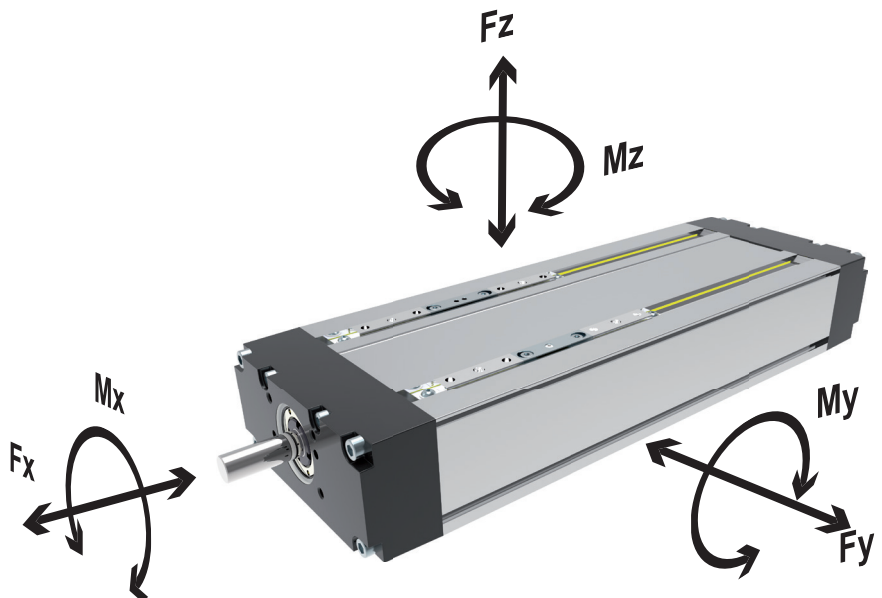
\* I carichi e i momenti indicati sono massimi consigliati, per ulteriori informazioni consultare il ns ufficio tecnico.

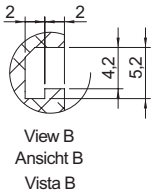
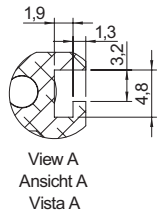
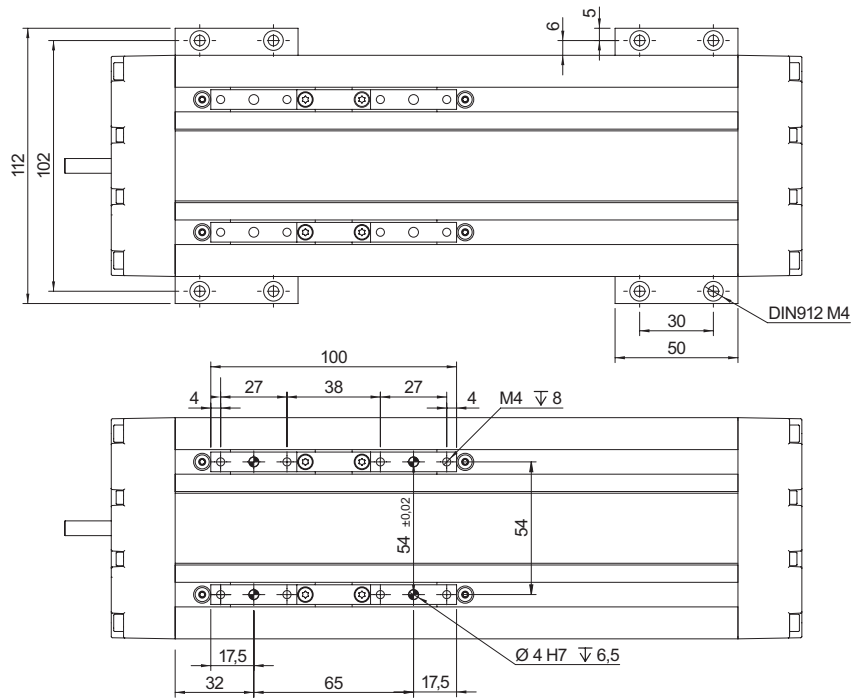
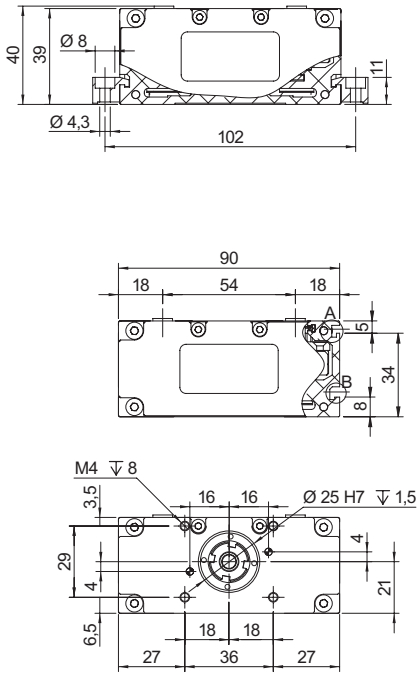
$$\frac{F_{yA}}{F_y} + \frac{F_{zA}}{F_z} + \frac{M_{xA}}{M_x} + \frac{M_{yA}}{M_y} + \frac{M_{zA}}{M_z} \leq 1$$

\*\* Different types of screws are available, rolled or ground with different tolerances and trapezoidal screws.

\*\* Verschiedene Spindelvarianten sind verfügbar. Kugelrollspindeln geschliffen in verschiedenen Genauigkeitsklassen sowie Trapezspindeln.

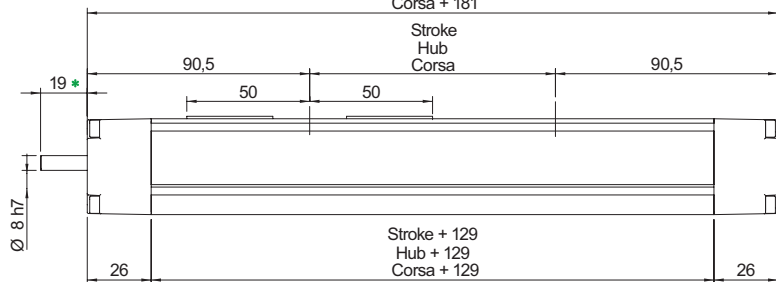
\*\* Tipologie di viti disponibili: rullate, rettificate con diversi classi di precisione e trapezoidali.





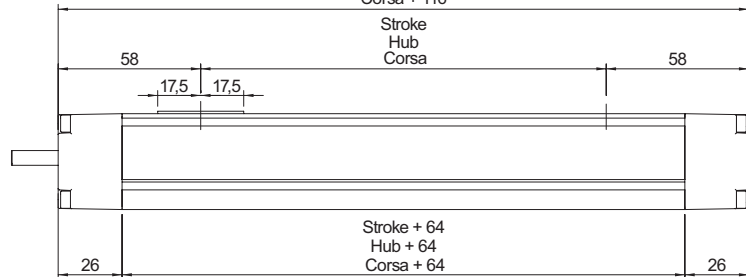
Double Carriage  
Tandem-Wagen  
Doppio Carrello

Stroke + 181  
Hub + 181  
Corsa + 181

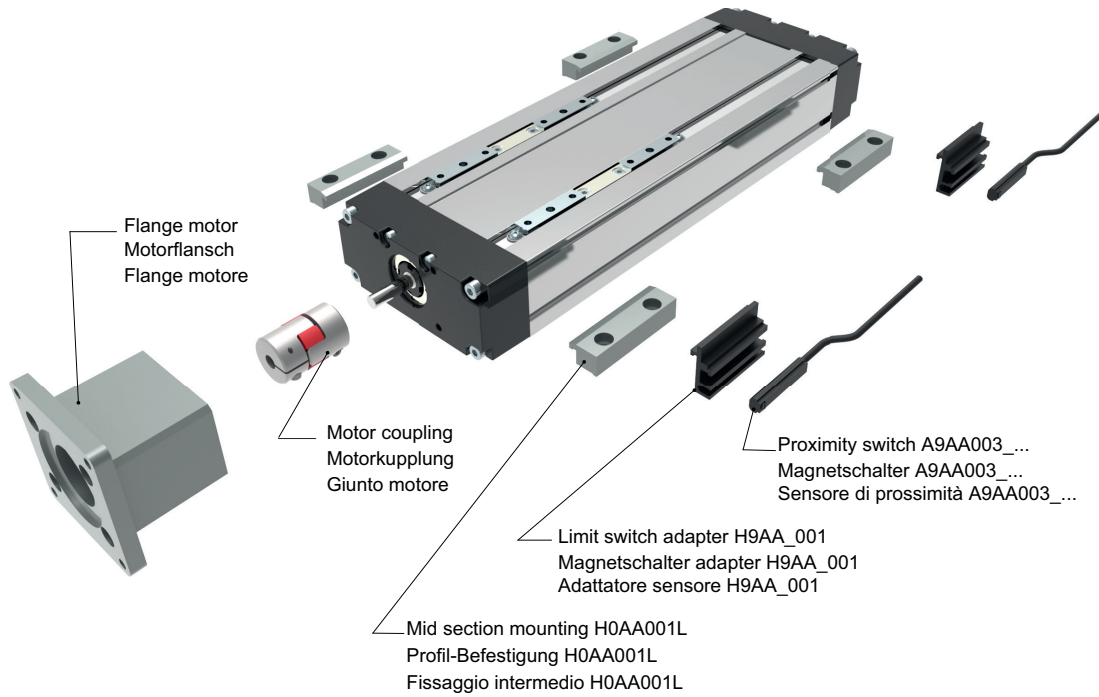


Single Carriage  
Uno-Wagen  
Carrello Singolo

Stroke + 116  
Hub + 116  
Corsa + 116



\* Measure likely to change according to customer request  
Messen sich wahrscheinlich ändern nach Kundenwunsch  
Misura suscettibile di modifica su richiesta del cliente



**ORDERING INFORMATION** | Bestallangaben Baureihe | Codici per l'ordinazione

<sup>1</sup>Proximity switch A9AA003\_... | <sup>1</sup>Magnetschalter A9AA003\_... | <sup>1</sup>Sensore di prossimità A9AA003\_...

Part nr.   Ident nr.   Cod.	Cable   Kabel   Cavo	Output   Ausgangsfunktion   Uscita
A9AA003_01	with 2 mt cable   mit 2 mt kabel   con cavo 2 mt	PNP
A9AA003_02	with 2 mt cable   mit 2 mt kabel   con cavo 2 mt	NPN
A9AA003_03	200 mm with M8 plug in   mit 200 mm kabel und M8 stecker   200 mm conn. M8	PNP
A9AA003_04	200 mm with M8 plug in   mit 200 mm kabel und M8 stecker   200 mm conn. M8	NPN
A9AA003_NC	with 2 mt cable   mit 2 mt kabel   con cavo 2 mt	NC

**MUK40-1-0500-12 05-R A**

**Shaft** | Versionen Antriebeswelle | Versione Albero

A: Without key shaft | Ohne Passfeder | Senza chiavetta  
 B: With key shaft | Mit Passfeder | Con sede chiavetta

**Series MUK**  
 Serie MUK  
 Serie MUK

**Size 40x90**  
 Baugröße 40x90  
 Grandezza 40x90

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

**Stroke mm**  
 Hub mm  
 Corsa mm

**Screw diam.**  
 Durchmesser Spindle  
 Dim. Vite Ø12 mm

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

**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

