



LTE50-280-A-1 [↗](#)

Mesa lineal

Linear tables with closed shaft guidance system, without drive, with shaft support block type A, with bellows

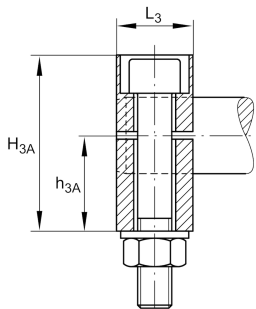
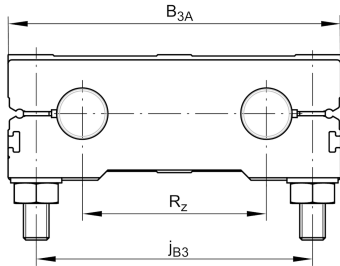
Información técnica

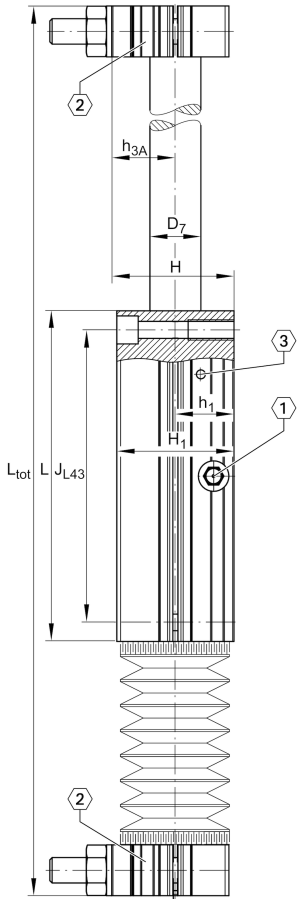
Variante de su producto actual

Size code	50	
Length of carriage	280	280 mm
Version	A	
Drive type	OA	Without drive
Bellow	1	Yes

Medidas principales y datos de rendimiento

B ₁	280 mm	Total Width
H	100 mm	Total Height
L	280 mm	Length of Carriage



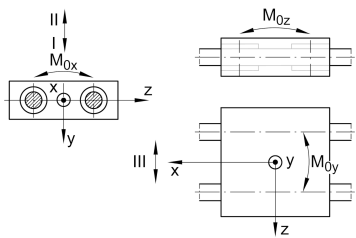
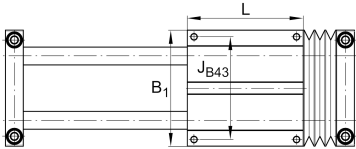


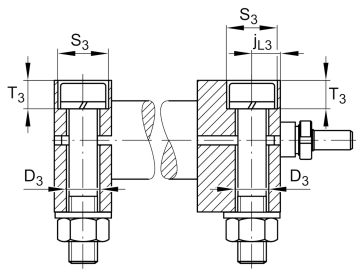
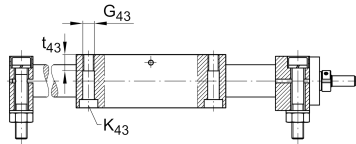
Medidas de montaje

B_{3A}	280 mm	Width of Shaft Support Blocks
D_3	17,5 mm	
G_{43}	M16	Thread
J_{B43}	250 mm	
J_{L43}	250 mm	
j_{B3}	240 mm	
j_{L3}	15 mm	
K_{43}	M12	Thread
S_3	26 mm	
T_3	21 mm	
t_{43}	34 mm	Depth of Thread

Medidas

B_B	22 mm	Length of Bellows Fastener
F_{BL}	1,24	Effective length factor of bellows
H_1	96 mm	Height of Carriage
H_{3A}	96 mm	Height of Shaft Support Blocks
h_1	48 mm	
h_{3A}	52 mm	
L_3	30 mm	Length of Shaft Support Blocks
D_7	50 mm	\varnothing Shaft, Tolerance h7



**Datos técnicos**

R _x	163 mm	
R _z	152 mm	
S	0 mm	Safety Distance
m _{LAW}	16,4 kg	Mass of Carriage
v _{max}	5 m/s	Maximum Speed
a _{max}	50 m/s ²	Maximum Acceleration
C _I	22.950 N	Load direction I: compressive load
C _{0I}	25.200 N	Load direction I: compressive load
C _{II}	22.950 N	Load direction II: tensile load
C _{0II}	25.200 N	Load direction II: tensile load
C _{III}	22.950 N	Load direction III: lateral load
C _{0III}	25.200 N	Load direction III: lateral load
M _{0x per}	1.904 Nm	Max. permissible static moment per Carriage
M _{0y per}	1.736 Nm	Max. permissible static moment per Carriage
M _{0z per}	1.510 Nm	Max. permissible static moment per Carriage

Información adicional

KB50-P

Linear Ball Bearings

Rango de temperatura

0 °C

Minimum operating Temperatur

80 °C

Maximum operating Temperatur