

**LTE20-130-A-KGT1610-M-0** [↗](#)**Mesa lineal**

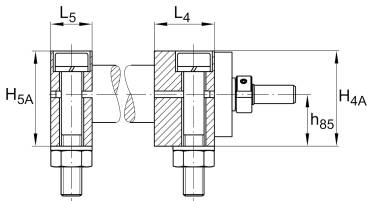
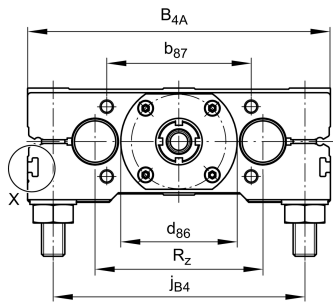
Linear tables with closed shaft guidance system and ball screw drive, with shaft support block type A, without bellows, with single nut

Información técnica**Variante de su producto actual**

Size code	20	
Length of carriage	130	130 mm
Version	A	
Drive type	KGT	Ball screw drive
Spindle pitch	10	10 mm
Spindle diameter	16	16mm
Spindle nut design	M	Cylinder nut
Bellow	0	No

Medidas principales y datos de rendimiento

B ₁	130 mm	Total Width
H	48 mm	Total Height
L	130 mm	Length of Carriage



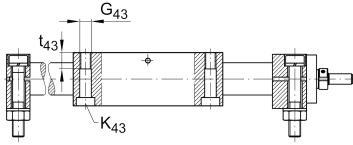


Medidas de montaje

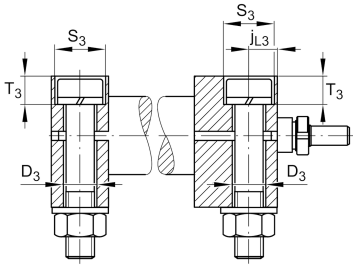
B 4A	130 mm	Width of Shaft Support Blocks
b 87	62 mm	Tolerance $\pm 0,2$
D 3	11 mm	
d 85	9 mm	Tolerance h7
d 86	50 mm	Tolerance g7
G 43	M8	Thread
G 87	M6x15	Thread
h 85	25 mm	
h 87	30 mm	Tolerance $\pm 0,2$
J B43	115 mm	
J L43	115 mm	
j B4	108 mm	
j L3	10 mm	
K 43	M6	Thread
L 85	23 mm	
L 86	8 mm	
L 88	37 mm	
S 3	18 mm	
T 3	10 mm	
t 43	18 mm	Depth of Thread



Medidas



H 1	46 mm	Height of Carriage
H 4A	46 mm	Height of Shaft Support Blocks
H 5A	46 mm	Height of Shaft Support Blocks
h 1	23 mm	
L 4	29 mm	Length of Shaft Support Block with Drive System
L 5	20 mm	Length of Shaft Support Block without drive System
T 56	3,75 mm	
D 7	20 mm	Ø Shaft, Tolerance h7

**Datos técnicos**

R X	74,6 mm	
R Z	72 mm	
S	10 mm	Safety Distance
m LAW	1,82 kg	Mass of Carriage
v max	0,75 m/s	Maximum Speed
a max	20 m/s ²	Maximum Acceleration
C I	4.140 N	Load direction I: compressive load
C 0I	4.920 N	Load direction I: compressive load
C II	4.140 N	Load direction II: tensile load
C 0II	4.920 N	Load direction II: tensile load
C III	4.140 N	Load direction III: lateral load
C 0III	4.920 N	Load direction III: lateral load
M 0x per	178 Nm	Max. permissible static moment per Carriage
M 0y per	155 Nm	Max. permissible static moment per Carriage
M 0z per	138 Nm	Max. permissible static moment per Carriage
d 0	16 mm	Spindle Diameter
P	10 mm	Spindle Pitch
C	15.400 N	Load capacity Spindle Nut dyn
C 0	26.500 N	Load capacity Spindle Nut stat
C a	13.400 N	Load capacity fixed Spindle bearing dyn
C 0a	18.800 N	Load capacity fixed Spindle bearing stat

Información adicional

6 Nm	Max. permissible drive torque
KB20-P	Linear Ball Bearings
ZKLN1034-2RS-PE	Rolling Bearings (locating bearing)
0,05 mm	Repeat accuracy ±
0,321 kg*cm ²	Mass moment of inertia of threaded Spindle



Rango de temperatura

0 °C

Minimum operating Temperatur

80 °C

Maximum operating Temperatur