



MKUSE25-200-KGT/5-M-SPU-WN2 [↗](#)

Módulo lineal

Actuators with six-row linear recirculating bearing and guideway assembly, monorail guidance system and ball screw drive. With second, non-driven carriage, single nut (cylindrical) and single spindle support

Información técnica

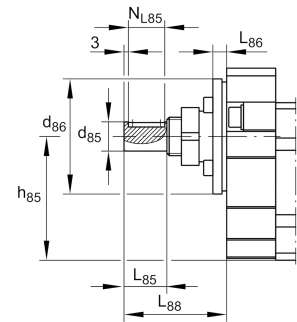


Variante de su producto actual

Size code	25	
Length of carriage	200	200 mm
Drive type	KGT	Ball screw drive
Spindle pitch	05	5 mm
Spindle nut design	M	Cylinder nut
Additional carriage	WN2	Second, non-driven carriage
Spindle support	SPU	Yes
Attachment to the carriage	/	Threaded holes

Medidas principales y datos de rendimiento

L	200 mm	Length of Carriage
H	125 mm	Total Height
B 2	112 mm	Total Width



Medidas de montaje

B 1	110 mm	Width of Carriage
b 87	90 mm	
d 85	19 mm	
Tol d 85	h6	Tolerance
d 86	75 mm	
Tol d 86	h7	Tolerance
G 43	M10	Thread
G 87	M8	Thread
h 13	25 mm	
h 14	75 mm	
h 85	80 mm	
h 87	70 mm	
J B43	80 mm	
Tol J B43	0,1	Upper Tolerance
Tol J B43	-0,1	Lower Tolerance
J L43	110 mm	Tolerance ±0,2
j B8	80 mm	
L 2 max	5.850 mm	Maximum length of Support Rail
L 85	28 mm	
L 86	9 mm	
L 88	67 mm	
N B85	6 mm	Tolerance P9
N L85	20 mm	Length of Keyway
N T85	3,5 mm	Depth of Keyway
t 43	20 mm	Depth of Thread
t 87	18 mm	Depth of Thread



Ver detalles del producto en Medias

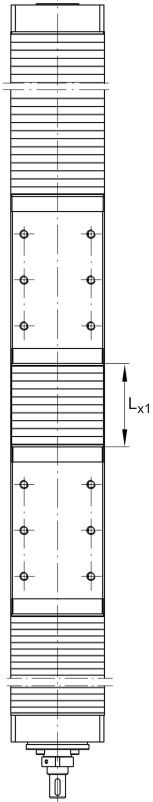
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Medidas

B ₅	111 mm	Width of End Plates
F _{BL}	1,2	Effective length factor of bellow
H ₂	102 mm	Width of Support Rail
H ₅	124,5 mm	
L ₄	32 mm	
L ₅	32 mm	
L ₇₂	2 mm	
L _{x1 min}	20 mm	Minimum distance between the Carriages

**Datos técnicos**

R_x	83,3 mm	
R_y	93,8 mm	
S	5 mm	Safety Distance
m_{LAW}	4,65 kg	Mass of Carriage
m_3	3,37 kg	Mass of additional Carriage
v_{max}	0,215 m/s	Maximum Speed
a_{max}	20 m/s ²	Maximum Acceleration
IC	61.700 N	Load direction I: compressive load
IC ₀	162.000 N	Load direction I: compressive load
II C	42.200 N	Load direction II: tensile load
II C ₀	90.000 N	Load direction II: tensile load
III C	45.400 N	Load direction III: lateral load
III C ₀	94.000 N	Load direction III: lateral load
$M_{0x\ per}$	1.350 Nm	Max. permissible static moment per Carriage
$M_{0y\ per}$	1.850 Nm	Max. permissible static moment per Carriage
$M_{0z\ per}$	2.000 Nm	Max. permissible static moment per Carriage
I_y	670 cm ⁴	Geometrical moments of inertia of Support Rail
I_z	384 cm ⁴	Geometrical moments of inertia of Support Rail
$C_{a\ MU}$	21.500 N	Load capacity spindle nut dyn
$C_{0a\ MU}$	49.300 N	Load capacity spindle nut stat
$C_{a\ L}$	27.500 N	Load capacity fixed Spindle bearing dyn
$C_{0a\ L}$	55.000 N	Load capacity fixed Spindle bearing stat
d_0	32 mm	Spindle Diameter
P	5 mm	Spindle Pitch
I_s	6,43 kg*cm ²	Mass moment of inertia of threaded Spindle
SPU	Ja	Spindle Support
WN2	Ja	Second, non-driven Carriage



Información adicional

ZKLF2575-2RS-PE	Rolling Bearings
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M	Drive System
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2xKWSE25	Carriage
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