

**MKUSE25-200-KGT/5-M-2SPU** [↗](#)

Módulo lineal

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

Información técnica

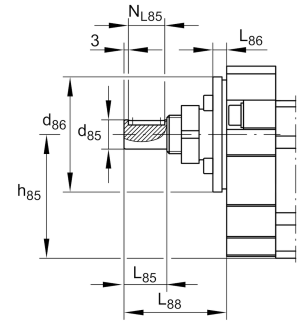


Variante de su producto actual

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	/	No additional carriage
Spindle support	2SPU	Double spindle support
Attachment to the carriage	/	Threaded holes

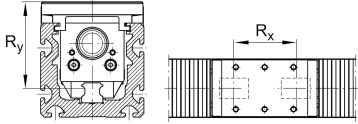
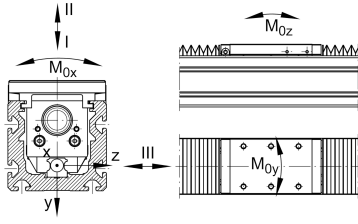
Medidas principales y datos de rendimiento

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



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	



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
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
I C 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
2SPU	Ja	Double Spindle Support



Ver detalles del producto en Medias

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SCHAEFFLER

Información adicional

ZKLF2575-2RS-PE Rolling Bearings

M Drive System

2xKWSE25 Carriage