

**MKUVE20-200-KGT/10-FM-N**

## Módulo lineal

Actuators with four-row linear recirculating bearing and guideway assembly, monorail guidance system and ball screw drive. Basic design, one driven carriage with double nut and fixing slots in carriage

## Información técnica



## Variante de su producto actual

Size code	20	
Length of carriage	200	200 mm
Drive type	KGT	Ball screw drive
Spindle pitch	10	10 mm
Spindle nut design	FM	Flange nut & cylinder nut
Additional carriage	/	No additional carriage
Spindle support	/	None
Attachment to the carriage	N	T-Slots

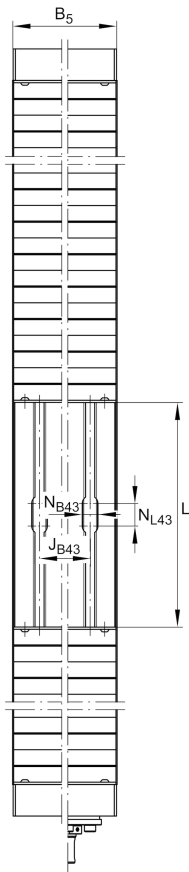
## Medidas principales y datos de rendimiento

L	200 mm	Length of Carriage
H	110 mm	Total Height
B 2	88 mm	Total Width



**Medidas de montaje**

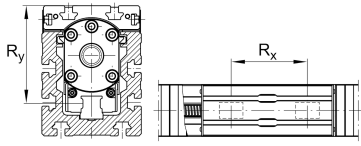
B 1	86 mm	Width of Carriage
b 87	68 mm	
d 85	13 mm	
Tol d 85	h6	Tolerance
d 86	60 mm	
Tol d 86	h7	Tolerance
G 87	M6	Thread
h 13	20 mm	
h 14	60 mm	
h 85	71 mm	
h 87	46 mm	
J B43	40 mm	
j B8	40 mm	
L 2 max	5.850 mm	Maximum length of Support Rail
L 85	23 mm	
L 86	8 mm	
L 88	42 mm	
N B43	14 mm	
N B85	5 mm	Tolerance P9
N L43	20 mm	
N L85	18 mm	Length of Keyway
N T85	3,5 mm	Depth of Keyway
t 87	15 mm	Depth of Thread



### Medidas

Parameter	Value	Description
B <sub>5</sub>	87 mm	Width of End Plates
F <sub>BL</sub>	1,17	Effective length factor of bellow
H <sub>2</sub>	90 mm	Width of Support Rail
H <sub>5</sub>	109 mm	
L <sub>4</sub>	28 mm	
L <sub>5</sub>	28 mm	



**Datos técnicos**

$R_x$	85 mm	
$R_y$	52,1 mm	
S	10 mm	Safety Distance
$m_{LAW}$	2,1 kg	Mass of Carriage
$v_{max}$	0,5 m/s	Maximum Speed
$a_{max}$	10 m/s <sup>2</sup>	Maximum Acceleration
IC	21.300 N	Load direction I: compressive load
IC <sub>0</sub>	54.000 N	Load direction I: compressive load
II C	21.300 N	Load direction II: tensile load
II C <sub>0</sub>	54.000 N	Load direction II: tensile load
III C	21.300 N	Load direction III: lateral load
III C <sub>0</sub>	54.000 N	Load direction III: lateral load
$M_{0x\ per}$	580 Nm	Max. permissible static moment per Carriage
$M_{0y\ per}$	1.000 Nm	Max. permissible static moment per Carriage
$M_{0z\ per}$	1.200 Nm	Max. permissible static moment per Carriage
$I_y$	281 cm <sup>4</sup>	Geometrical moments of inertia of Support Rail
$I_z$	219 cm <sup>4</sup>	Geometrical moments of inertia of Support Rail
$C_{a\ MU}$	12.700 N	Load capacity spindle nut dyn
$C_{0a\ MU}$	22.100 N	Load capacity spindle nut stat
$C_{a\ L}$	17.900 N	Load capacity fixed Spindle bearing dyn
$C_{0a\ L}$	28.000 N	Load capacity fixed Spindle bearing stat
$d_0$	20 mm	Spindle Diameter
P	10 mm	Spindle Pitch
$I_s$	0,846 kg*cm <sup>2</sup>	Mass moment of inertia of threaded Spindle



Ver detalles del producto en Medias

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### Información adicional

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ZKLF1560-2RS-PE Rolling Bearings

FM Drive System

2 x KWVE20-B-S Carriage