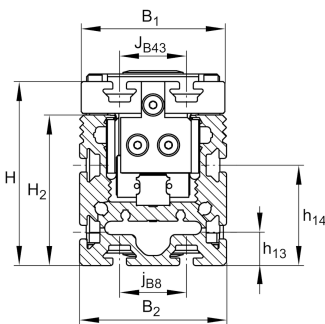
**MKKUSE20-155-ZR-N** [↗](#)

## Módulo lineal

Clamping actuators with six-row linear recirculating bearing and guideway assembly, monorail guidance system and toothed belt drive. Basic design, two carriages driven in opposing directions with fixing slots in carriage

## Información técnica



## Variante de su producto actual

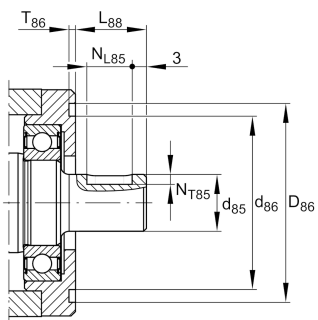
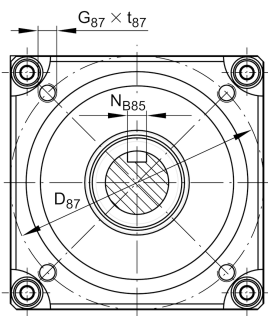
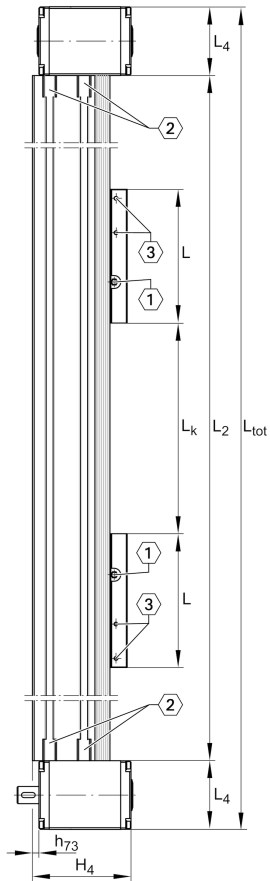
Size code	20	
Ejecución	/	Basis
Drive type	(3)ZR	Toothed belt drive
Additional carriage	/	No additional carriage
Attachment to the carriage	N	T-Slots

## n.r.

/ Support Rail Design

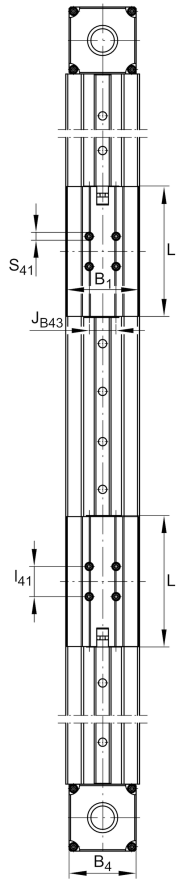
## Medidas principales y datos de rendimiento

B 2	88 mm	Total Width
H	110 mm	Total Height
L	155 mm	Length of Carriage



### Medidas de montaje

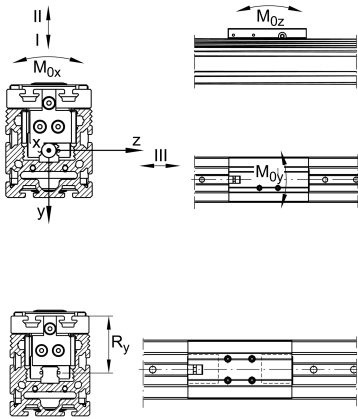
B 1	86 mm	Width of Carriage
D 86	70 mm	
Tol D 86	G7	Tolerance
D 87	80 mm	
d 85	20 mm	Tolerance h7
d 86	61 mm	
G 87	M6	
h 13	20 mm	
h 14	60 mm	
J B43	40 mm	
j B8	40 mm	
L 2 max	4.000 mm	Maximum length of Support Rail
L 88	25 mm	
N B85	6 mm	Tolerance P9
N L85	16 mm	Length of Keyway
N T85	3,5 mm	Depth of Keyway
S 41	10 mm	
t 87 max	12 mm	Depth of Thread

**Medidas**

H <sub>2</sub>	90 mm	Height of Support Rail
H <sub>4</sub>	114,5 mm	Height of Return Unit
h <sub>73</sub>	7,5 mm	
L <sub>4</sub>	80 mm	Length of Return Unit
l <sub>41</sub>	36 mm	
B <sub>4</sub>	80 mm	Width of Return Unit
T <sub>86</sub>	2,3 mm	Depth Fit
Tol T <sub>86</sub>	0 mm	Lower tolerance
Tol T <sub>86</sub>	0,3 mm	Upper Tolerance

**Datos técnicos**

R <sub>y</sub>	63,1 mm	
S	85 mm	Safety Distance
m <sub>LAW</sub>	2,6 kg	
v <sub>max</sub>	5 m/s	Maximum Speed
a <sub>max</sub>	30 m/s <sup>2</sup>	Maximum Acceleration
I <sub>C</sub>	25.500 N	Load direction I: compressive load
I <sub>C0</sub>	61.000 N	Load direction I: compressive load
II <sub>C</sub>	21.300 N	Load direction II: tensile load
II <sub>C0</sub>	35.300 N	Load direction II: tensile load
III <sub>C</sub>	21.000 N	Load direction III: lateral load
III <sub>C0</sub>	35.000 N	Load direction III: lateral load
M <sub>0x per</sub>	530 Nm	Max. permissible static moment per Carriage
M <sub>0y per</sub>	350 Nm	Max. permissible static moment per Carriage
M <sub>0z per</sub>	305 Nm	Max. permissible static moment per Carriage
I <sub>y</sub>	300 cm <sup>4</sup>	Geometrical moments of inertia of Support Rail
I <sub>z</sub>	198 cm <sup>4</sup>	Geometrical moments of inertia of Support Rail





### Información adicional

18 Nm	Max. permissible drive torque
2xKWSE20-H	Carriage
0,1 mm	Repeat Accuracy ±
160 mm	Feed (mm/rotation)
32AT5	Toothed Belt
0,11 kg/m	Mass of Toothed Belt
650 N	Permissible Toothed Belt operating force
2,2 kg*cm <sup>2</sup>	Mass moment of inertia of Gears

### Rango de temperatura

max	80 °C	Maximum operating Temperatur
min	0 °C	Minimum operating Temperatur