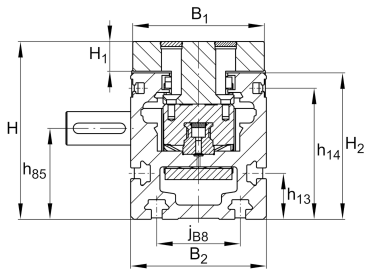
**MKUVE15-400-ZR-W2** [↗](#)

## Módulo lineal

Actuators with four-row linear recirculating ball bearing and guideway assembly, monorail guidance system and toothed belt drive. With second, driven carriage

## Información técnica



## Variante de su producto actual

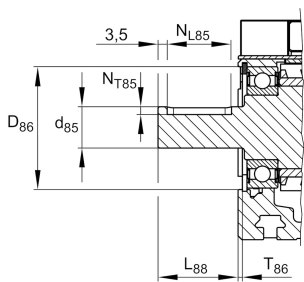
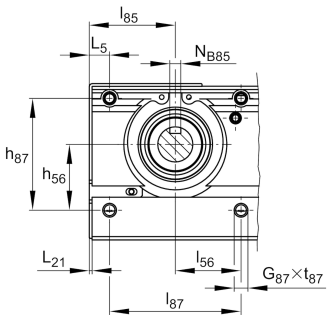
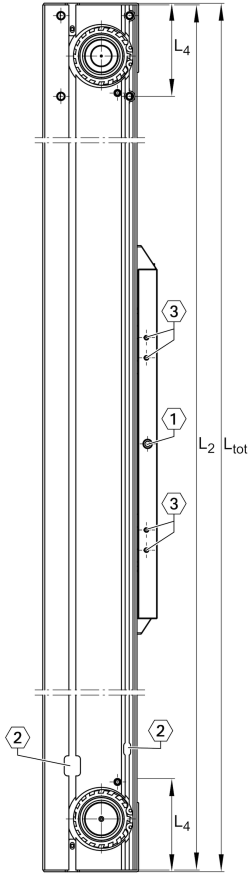
Size code	15	
Length of carriage	400	400 mm
Ejecución	/	Basis
Drive type	(3)ZR	Toothed belt drive
Additional carriage	W2	Second, driven carriage
Attachment to the carriage	/	Threaded holes

## n.r.

/ Support Rail Design

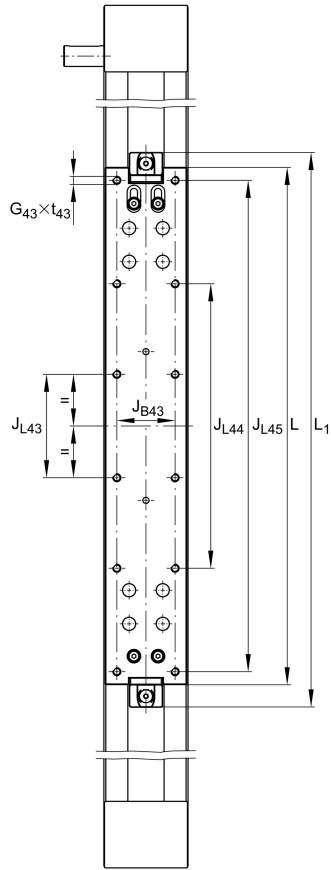
## Medidas principales y datos de rendimiento

B 2	65 mm	Total Width
H	85 mm	Total Height
L	400 mm	Length of Carriage



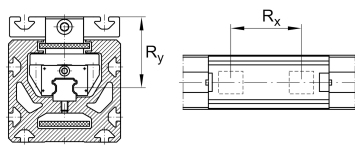
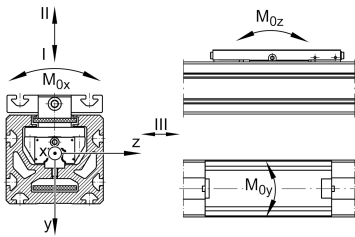
**Medidas de montaje**

B 1	63 mm	Width of Carriage
D 86	47 mm	
Tol D 86	+0,03	Tolerance
d 85	16 mm	Tolerance h7
G 43	M6	
G 87	M6	
h 13	22 mm	
h 14	62,7 mm	
h 56	30 mm	
h 87	51 mm	Tolerance ±0,2
J B43	45 mm	
J L43	80 mm	
J L44	220 mm	
J L45	380 mm	
j B8	40 mm	
L 2 max	6.000 mm	Maximum length of Support Rail
L 88	31 mm	
N B85	5 mm	Tolerance P9
N L85	25 mm	Length of Keyway
N T85	3 mm	Depth of Keyway
t 43 max	14 mm	Depth of Thread
t 87 max	12 mm	Depth of Thread



**Medidas**

H <sub>1</sub>	14,2 mm	Height of Carriage
H <sub>2</sub>	70 mm	Height of Support Rail
h <sub>85</sub>	43,5 mm	
L <sub>1</sub>	438 mm	
L <sub>4</sub>	77,5 mm	Length of Return Unit
L <sub>5</sub>	9,3 mm	
L <sub>21</sub>	1 mm	
l <sub>85</sub>	39,3 mm	
l <sub>87</sub>	60 mm	Tolerance ±0,2
L <sub>x1 min</sub>	50 mm	
T <sub>86</sub>	1,6 mm	Depth Fit





### Datos técnicos

$R_x$	280 mm	
$R_y$	44 mm	
S	85 mm	Safety Distance
$m_{LAW}$	3,2 kg	
$m_3$	3,2 kg	Mass of additional Carriage
$v_{max}$	5 m/s	Maximum Speed
$a_{max}$	30 m/s <sup>2</sup>	Maximum Acceleration
I C	11.700 N	Load direction I: compressive load
I C <sub>0</sub>	29.000 N	Load direction I: compressive load
II C	11.700 N	Load direction II: tensile load
II C <sub>0</sub>	29.000 N	Load direction II: tensile load
III C	11.700 N	Load direction III: lateral load
III C <sub>0</sub>	29.000 N	Load direction III: lateral load
$M_{0x\ per}$	300 Nm	Max. permissible static moment per Carriage
$M_{0y\ per}$	2.600 Nm	Max. permissible static moment per Carriage
$M_{0z\ per}$	3.100 Nm	Max. permissible static moment per Carriage
$I_y$	84 cm <sup>4</sup>	Geometrical moments of inertia of Support Rail
$I_z$	107 cm <sup>4</sup>	Geometrical moments of inertia of Support Rail

### Información adicional

	32 Nm	Max. permissible drive torque
	2xKWVE15-B-S	Carriage
	0,1 mm	Repeat Accuracy ±
	144 mm	Feed (mm/rotation)
	W-8-PU-32-STD	Toothed Belt
	0,36 kg/m	Mass of Toothed Belt
	1.400 N	Permissible Toothed Belt operating force
	1,3 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