**MLFI34-260-ZR**

## Módulo lineal

Actuators with internal track roller guidance system and toothed belt drive. Basic carriage, one driven carriage

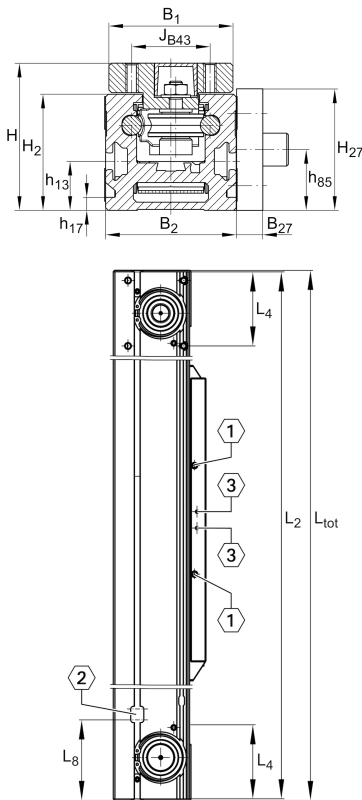
## Información técnica

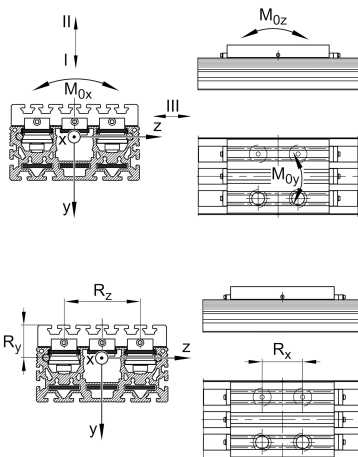
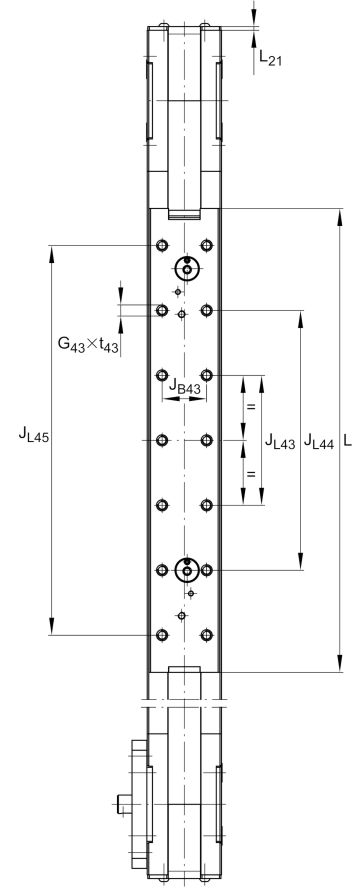
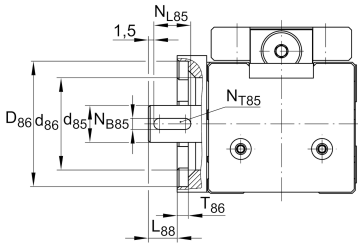
## Variante de su producto actual

Size code	34	
Length of carriage	260	260 mm
Version	/	Standard
Ejecución	/	Basis
Drive type	(3)ZR	Toothed belt drive
Additional carriage	/	No additional carriage
Attachment to the carriage	/	Threaded holes
Support rail design	/	One-piece

## Medidas principales y datos de rendimiento

B <sub>2</sub>	65 mm	Total Width
H	85 mm	Altura
L	260 mm	Longitud





**Medidas de montaje**

D 86	47 mm	
Tol D 86	H7	Tolerance
d 85	16 mm	
L 88	31 mm	
G 43	M6	Thread
G 87	M6	Thread
h 56	30 mm	
h 85	43,5 mm	
h 87	51 mm	Tolerance ±0,2
J B43	45 mm	
J L43	80 mm	Tolerance ±0,2
J L44	240 mm	
J B8	40 mm	
L 8	77,5 mm	
l 85	39,3 mm	
l 87	60 mm	
N B85	5 mm	Width of Keyway
N L85	25 mm	Length of Keyway
N T85	3 mm	Depth of Keyway, Tolerance P9
T 86	1,6 mm	Depth Fit
t 43 max	14 mm	Depth of Thread
t 87 max	12 mm	



### Medidas

B 1	63 mm	Width of Carriage
B 27	6.000 mm	
H 1	14,2 mm	Height of Carriage
H 2	70 mm	Altura
h 13	22 mm	
h 14	62,7 mm	
L 1	298 mm	Longitud
L 4	69 mm	
L 5	9,3 mm	Length of Shaft Support Block without drive System
L 21	1,3 mm	
S	85 mm	Medida



### Datos técnicos

$m_{LAW}$	1,4 kg	Mass of Carriage
$m_3$	1,4 kg	Mass of additional Carriage
$v_{max}$	8 m/s	Maximum Speed
$a_{max}$	40 m/s <sup>2</sup>	Maximum Acceleration
$R_x$	53 mm	
$R_y$	33,9 mm	
$R_z$	3 mm	
I C	10.300 N	Load direction I: compressive load
I C <sub>0</sub>	5.400 N	Load direction I: compressive load
II C	10.300 N	Load direction II: tensile load
II C <sub>0</sub>	5.400 N	Load direction II: tensile load
III C	5.100 N	Load direction III: lateral load
III C <sub>0</sub>	2.500 N	Load direction III: lateral load
$M_{0x\ per}$	120 Nm	Max. permissible static moment per Carriage
$M_{0y\ per}$	480 Nm	Max. permissible static moment per Carriage
$M_{0z\ per}$	255 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
	4 x LFR5201-10-2Z	Track Rollers
	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



### Rango de temperatura

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T <sub>min</sub>	0 °C	Minimum operating Temperatur
T <sub>max</sub>	80 °C	Maximum operating Temperatur