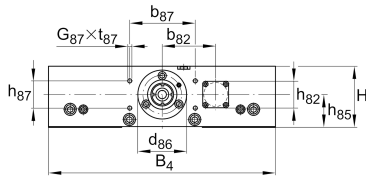


**LTPG25-325-3205-F-1** [↗](#)

## Mesa lineal

High precision linear tables with monorail guidance system and ball screw drive. Cast iron design, with single nut, with bellows.

## Información técnica



## Variante de su producto actual

Size code	25	
Drive System	KGT	Ball screw drive
Length of carriage	325	325 mm
Spindle diameter	32	
Spindle pitch	05	5 mm
Bellow	1	Yes

## n.r.

F	Spindle nut design
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## Medidas principales y datos de rendimiento

B 4	325 mm	Total Width
H	100 mm	Total Height
L	325 mm	Length of Carriage





### Medidas

B <sub>B</sub>	20 mm	Length of Bellows Fastener
F <sub>BL</sub>	1,27	Effective length factor of bellow
H <sub>1</sub>	55,5 mm	Height of Carriage
H <sub>2</sub>	44 mm	Height of Support Rail
H <sub>4</sub>	99,5 mm	Height of Bearing Housing
H <sub>5</sub>	99,5 mm	Height of Bearing Housing
h <sub>82</sub>	31 mm	
L <sub>4</sub>	35 mm	Length of Bearing Housing with Drive System
L <sub>5</sub>	30 mm	Length of Bearing Housing without Drive System



### Datos técnicos

$R_x$	220 mm	
$R_y$	45,3 mm	
$R_z$	240 mm	
S	5 mm	Safety Distance
$m_{LAW}$	26,5 kg	Mass of Carriage
$v_{max}$	0,215 m/s	Maximum Speed
$a_{max}$	20 m/s <sup>2</sup>	Maximum Acceleration
$C_I$	73.900 N	Load Direction I: Compressive Load
$C_{0I}$	268.000 N	Load Direction I: Compressive Load
$C_{II}$	60.400 N	Load Direction II: Tensile Load
$C_{0II}$	172.000 N	Load Direction II: Tensile Load
$C_{III}$	56.200 N	Load Direction III: Lateral Load
$C_{0III}$	184.000 N	Load Direction III: Lateral Load
$M_{0x\ per}$	18.000 Nm	Max. permissible static moment per Carriage
$M_{0y\ per}$	10.400 Nm	Max. permissible static moment per Carriage
$M_{0z\ per}$	10.400 Nm	Max. permissible static moment per Carriage
$d_0$	32 mm	Spindle Diameter
P	5 mm	Spindle Pitch
C	21.500 N	Capacidad de carga dinámica
$C_0$	49.300 N	Capacidad de carga estática
$C_a$	27.500 N	Load capacity fixed Spindle bearing dyn
$C_{0a}$	55.000 N	Load capacity fixed Spindle bearing stat



### Información adicional

50 Nm	Max. drive torque for the drive spigot
2 x KUSE25-H	Carriage
ZKLF2575.2RS	Rolling Bearings (locating bearing)
0,05 mm	Repeat accuracy ±
6,43 kg*cm <sup>2</sup>	Mass moment of inertia of threaded Spindle

### Rango de temperatura

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