

**MKUVE20-200-KGT/5-F-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 single nut and fixing slots in carriage

Información técnica

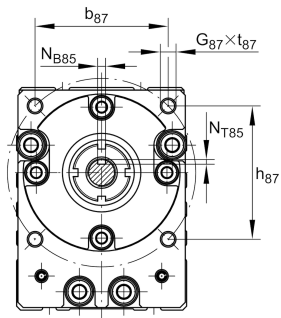
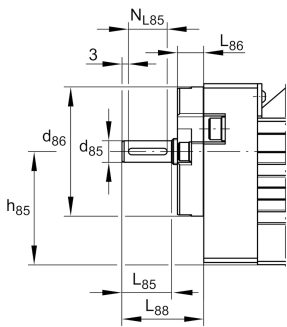


Variante de su producto actual

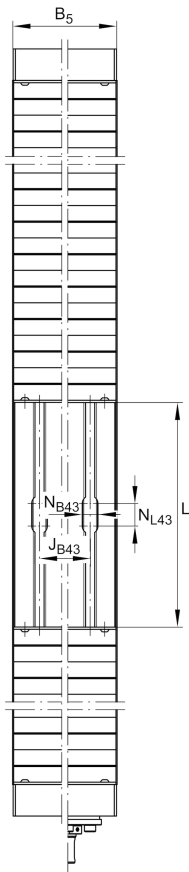
| | | |
|----------------------------|-----|------------------------|
| Size code | 20 | |
| Length of carriage | 200 | 200 mm |
| Drive type | KGT | Ball screw drive |
| Spindle pitch | 05 | 5 mm |
| Spindle nut design | F | Flange nut |
| Additional carriage | / | No additional carriage |
| Spindle 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**

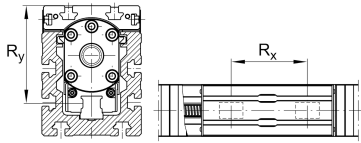
| | | |
|----------|----------|--------------------------------|
| B 1 | 86 mm | Width of Carriage |
| b 87 | 68 mm | |
| d 85 | 13 mm | |
| Tol d 85 | h6 | Tolerance |
| d 86 | 60 mm | |
| Tol d 86 | h7 | Tolerance |
| G 87 | M6 | Thread |
| h 13 | 20 mm | |
| h 14 | 60 mm | |
| h 85 | 71 mm | |
| h 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

| | | |
|-----------------|--------|-----------------------------------|
| B ₅ | 87 mm | Width of End Plates |
| F _{BL} | 1,17 | Effective length factor of bellow |
| H ₂ | 90 mm | Width of Support Rail |
| H ₅ | 109 mm | |
| L ₄ | 28 mm | |
| L ₅ | 28 mm | |





Datos técnicos

| | | |
|--------------------|--------------------------|--|
| R_x | 85 mm | |
| R_y | 52,1 mm | |
| S | 5 mm | Safety Distance |
| m_{LAW} | 2,1 kg | Mass of Carriage |
| v_{max} | 0,29 m/s | Maximum Speed |
| a_{max} | 20 m/s ² | Maximum Acceleration |
| IC | 21.300 N | Load direction I: compressive load |
| I C ₀ | 54.000 N | Load direction I: compressive load |
| II C | 21.300 N | Load direction II: tensile load |
| II C ₀ | 54.000 N | Load direction II: tensile load |
| III C | 21.300 N | Load direction III: lateral load |
| III C ₀ | 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 ⁴ | Geometrical moments of inertia of Support Rail |
| I_z | 219 cm ⁴ | Geometrical moments of inertia of Support Rail |
| $C_{a\ MU}$ | 10.500 N | Load capacity spindle nut dyn |
| $C_{0a\ MU}$ | 16.600 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 | 5 mm | Spindle Pitch |
| I_s | 0,846 kg*cm ² | Mass moment of inertia of threaded Spindle |



Información adicional

ZKLF1560-2RS-PE Rolling Bearings

F Drive System

2 x KWVE20-B-S Carriage