

**KWLT25-SL-V0-G3** [↗](#)

## Recirculating ball bearing carriage

Long & slim carriage, standard end plate, for four-row linear recirculating ball bearing and guideway assembly

## Technical information

**Your current product variant**

|                 |    |                     |
|-----------------|----|---------------------|
| Size code       | 25 |                     |
| Carriage design | SL | Narrow, long design |
| Preload         | V0 | Slight clearance    |
| Accuracy class  | G3 |                     |

**Main Dimensions & Performance Data**

|                 |          |                                    |
|-----------------|----------|------------------------------------|
| H               | 36 mm    | Height system                      |
| B               | 48 mm    | Width carriage                     |
| L               | 99,7 mm  | Overall length carriage            |
| C               | 24.300 N | Dynamic load rating                |
| C <sub>0</sub>  | 48.500 N | Basic static load capacity         |
| M <sub>0x</sub> | 640 Nm   | Static moment rating about X-axis  |
| M <sub>0y</sub> | 590 Nm   | Static moment rating about Y-axis  |
| M <sub>0z</sub> | 590 Nm   | Static moment rating about Z-axis  |
| M <sub>0x</sub> | 287 Nm   | Dynamic moment rating about X-axis |
| M <sub>0y</sub> | 490 Nm   | Dynamic moment rating about y-axis |
| M <sub>0z</sub> | 490 Nm   | Dynamic moment rating about Z-axis |
| ≈m              | 0,59 kg  | Weight                             |



### Mounting dimensions

|                   |         |  |
|-------------------|---------|--|
| A <sub>1</sub>    | 12,5 mm | Distance from locating edge on carriage to locating edge on guideway |
| A <sub>2</sub>    | 6,5 mm  | Distance from locating edge to hole                                  |
| L <sub>1</sub>    | 79,1 mm | Carrier length   |
| H <sub>1</sub>    | 7 mm    | Free space, system dimension   |
| J <sub>B</sub>    | 35 mm   | Hole spacing   |
| J <sub>L</sub>    | 50 mm   | Hole Spacing   |
| A <sub>3</sub>    | 6,5 mm  | Position lubrication connector                                       |
| T <sub>5</sub>    | 6,5 mm  | Thread depth   |
| G <sub>2</sub>    | M6      | Thread size, DIN ISO 4762-12.9                                       |
| G2 M <sub>A</sub> | 16,5 Nm | Maximum tightening torque  |

### Additional information

|          |      |               |
|----------|------|---------------|
| VMKB_065 | KWLT | Material name |
|----------|------|---------------|