

**KWLT25-A-V1-G3**

## Recirculating ball bearing carriage

Standard flanged 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 | A  | Standard design           |
| Preload class   | V1 | Slight preload (standard) |
| Accuracy class  | G3 |                           |

**Main Dimensions & Performance Data**

|                 |          |                                    |
|-----------------|----------|------------------------------------|
| H               | 36 mm    | Height system                      |
| B               | 70 mm    | Width carriage                     |
| L               | 81,8 mm  | Overall length carriage            |
| C               | 19.900 N | Dynamic load rating                |
| C <sub>0</sub>  | 36.500 N | Basic static load capacity         |
| M <sub>0x</sub> | 480 Nm   | Static moment rating about X-axis  |
| M <sub>0y</sub> | 340 Nm   | Static moment rating about Y-axis  |
| M <sub>0z</sub> | 340 Nm   | Static moment rating about Z-axis  |
| M <sub>0x</sub> | 240 Nm   | Dynamic moment rating about X-axis |
| M <sub>0y</sub> | 305 Nm   | Dynamic moment rating about y-axis |
| M <sub>0z</sub> | 305 Nm   | Dynamic moment rating about Z-axis |
| m               | 0,58 kg  | Weight                             |



### Mounting dimensions

|                   |         |  |
|-------------------|---------|--|
| A <sub>1</sub>    | 23,5 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>    | 57 mm   | Carrier length   |
| H <sub>1</sub>    | 7 mm    | Free space, system dimension   |
| J <sub>B</sub>    | 57 mm   | Hole spacing   |
| J <sub>L</sub>    | 45 mm   | Hole Spacing   |
| A <sub>3</sub>    | 6,5 mm  | Position lubrication connector                                       |
| T <sub>5</sub>    | 12 mm   | Thread depth   |
| G <sub>2</sub>    | M8      | Thread size, DIN ISO 4762-12.9                                       |
| G2 M <sub>A</sub> | 40 Nm   | Maximum tightening torque  |

### Additional information

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