

**KWLT20-AS-V1-G4**

## Recirculating ball bearing carriage

Short flanged carriage, standard end plate,  
for four-row linear recirculating ball bearing  
and guideway assembly

## Technical information

**Your current product variant**

|                 |    |                           |
|-----------------|----|---------------------------|
| Size code       | 20 |                           |
| Carriage design | AS | Short design              |
| Preload         | V1 | Slight preload (standard) |
| Accuracy class  | G4 |                           |

**Main Dimensions & Performance Data**

|                 |          |                                    |
|-----------------|----------|------------------------------------|
| H               | 30 mm    | Height system                      |
| B               | 63 mm    | Width carriage                     |
| L               | 53,9 mm  | Overall length carriage            |
| C               | 9.300 N  | Dynamic load rating                |
| C <sub>0</sub>  | 15.000 N | Basic static load capacity         |
| M <sub>0x</sub> | 163 Nm   | Static moment rating about X-axis  |
| M <sub>0y</sub> | 83 Nm    | Static moment rating about Y-axis  |
| M <sub>0z</sub> | 83 Nm    | Static moment rating about Z-axis  |
| M <sub>0x</sub> | 95 Nm    | Dynamic moment rating about X-axis |
| M <sub>0y</sub> | 78 Nm    | Dynamic moment rating about y-axis |
| M <sub>0z</sub> | 78 Nm    | Dynamic moment rating about Z-axis |
| ≈m              | 280 g    | Weight                             |



### Mounting dimensions

---

|                   |         |  |
|-------------------|---------|--|
| A <sub>1</sub>    | 21,5 mm | Distance from locating edge on carriage to locating edge on guideway |
| A <sub>2</sub>    | 5 mm    | Distance from locating edge to hole                                  |
| L <sub>1</sub>    | 32,1 mm | Carrier length   |
| H <sub>1</sub>    | 5 mm    | Free space, system dimension   |
| J <sub>B</sub>    | 53 mm   | Hole spacing   |
| A <sub>3</sub>    | 5,7 mm  | Position lubrication connector                                       |
| T <sub>5</sub>    | 9 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 |
|----------|------|---------------|