

**KWLT35-AS-V1-G3**

## 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       | 35 |                           |
| Carriage design | AS | Short design              |
| Preload class   | V1 | Slight preload (standard) |
| Accuracy class  | G3 |                           |

## Main Dimensions &amp; Performance Data

|                 |          |                                    |
|-----------------|----------|------------------------------------|
| H               | 48 mm    | Height system                      |
| B               | 100 mm   | Width carriage                     |
| L               | 88,4 mm  | Overall length carriage            |
| C               | 27.500 N | Dynamic load rating                |
| C <sub>0</sub>  | 43.000 N | Basic static load capacity         |
| M <sub>0x</sub> | 940 Nm   | Static moment rating about X-axis  |
| M <sub>0y</sub> | 385 Nm   | Static moment rating about Y-axis  |
| M <sub>0z</sub> | 385 Nm   | Static moment rating about Z-axis  |
| M <sub>0x</sub> | 507 Nm   | Dynamic moment rating about X-axis |
| M <sub>0y</sub> | 378 Nm   | Dynamic moment rating about y-axis |
| M <sub>0z</sub> | 378 Nm   | Dynamic moment rating about Z-axis |
| ≈m              | 1,04 kg  | Weight                             |



### Mounting dimensions

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|                   |         |  |
|-------------------|---------|--|
| A <sub>1</sub>    | 33 mm   | Distance from locating edge on carriage to locating edge on guideway |
| A <sub>2</sub>    | 9 mm    | Distance from locating edge to hole                                  |
| L <sub>1</sub>    | 51,4 mm | Carrier length   |
| H <sub>1</sub>    | 9,5 mm  | Free space, system dimension   |
| J <sub>B</sub>    | 82 mm   | Hole spacing   |
| A <sub>3</sub>    | 8 mm    | Position lubrication connector                                       |
| T <sub>5</sub>    | 13 mm   | Thread depth   |
| G <sub>2</sub>    | M10     | Thread size, DIN ISO 4762-12.9                                       |
| G2 M <sub>A</sub> | 81 Nm   | Maximum tightening torque  |

### Additional information

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