

**KWLT25-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 | 25 | |
| Carriage design | AS | Short design |
| Preload | V1 | Slight preload (standard) |
| Accuracy class | G3 | |

Main Dimensions & Performance Data

| | | |
|-----------------|----------|------------------------------------|
| H | 36 mm | Height system |
| B | 70 mm | Width carriage |
| L | 63,6 mm | Overall length carriage |
| C | 14.900 N | Dynamic load rating |
| C ₀ | 24.300 N | Basic static load capacity |
| M _{0x} | 320 Nm | Static moment rating about X-axis |
| M _{0y} | 163 Nm | Static moment rating about Y-axis |
| M _{0z} | 163 Nm | Static moment rating about Z-axis |
| M _{0x} | 183 Nm | Dynamic moment rating about X-axis |
| M _{0y} | 153 Nm | Dynamic moment rating about y-axis |
| M _{0z} | 153 Nm | Dynamic moment rating about Z-axis |
| ≈m | 420 g | Weight |



Mounting dimensions

| | | |
|-------------------|---------|--|
| A ₁ | 23,5 mm | Distance from locating edge on carriage to locating edge on guideway |
| A ₂ | 6,5 mm | Distance from locating edge to hole |
| L ₁ | 38,8 mm | Carrier length |
| H ₁ | 7 mm | Free space, system dimension |
| J _B | 57 mm | Hole spacing |
| A ₃ | 6,5 mm | Position lubrication connector |
| T ₅ | 12 mm | Thread depth |
| G ₂ | M8 | Thread size, DIN ISO 4762-12.9 |
| G2 M _A | 40 Nm | Maximum tightening torque |

Additional information

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