

**KWLT30-H-V1-G3** [↗](#)

Recirculating ball bearing carriage

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



Technical information

**Your current product variant**

| | | |
|-----------------|----|---------------------------|
| Size Code | 30 | |
| Carriage design | H | High design |
| Preload | V1 | Slight preload (standard) |
| Accuracy class | G3 | |

Main Dimensions & Performance Data

| | | |
|-----------------|----------|------------------------------------|
| H | 45 mm | Height system |
| B | 60 mm | Width carriage |
| L | 100,4 mm | Overall length carriage |
| C | 27.500 N | Dynamic load rating |
| C ₀ | 49.500 N | Basic static load capacity |
| M _{0x} | 790 Nm | Static moment rating about X-axis |
| M _{0y} | 540 Nm | Static moment rating about Y-axis |
| M _{0z} | 540 Nm | Static moment rating about Z-axis |
| M _{0x} | 406 Nm | Dynamic moment rating about X-axis |
| M _{0y} | 493 Nm | Dynamic moment rating about y-axis |
| M _{0z} | 493 Nm | Dynamic moment rating about Z-axis |
| ≈m | 0,84 kg | Weight |



Mounting dimensions

| | | |
|-------------------|---------|--|
| A ₁ | 16 mm | Distance from locating edge on carriage to locating edge on guideway |
| A ₂ | 10 mm | Distance from locating edge to hole |
| L ₁ | 67,4 mm | Carrier length |
| H ₁ | 9 mm | Free space, system dimension |
| J _B | 40 mm | Hole spacing |
| J _L | 40 mm | Hole Spacing |
| A ₃ | 11 mm | Position lubrication connector |
| T ₅ | 11 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 |
|----------|------|---------------|