

**KWLT25-H-V0-G4** [↗](#)

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 | 25 | |
| Carriage design | H | High design |
| Preload | V0 | Slight clearance |
| Accuracy class | G4 | |

Main Dimensions & Performance Data

| | | |
|-----------------|----------|------------------------------------|
| H | 40 mm | Height system |
| B | 48 mm | Width carriage |
| L | 81,8 mm | Overall length carriage |
| C | 19.900 N | Dynamic load rating |
| C ₀ | 36.500 N | Basic static load capacity |
| M _{0x} | 480 Nm | Static moment rating about X-axis |
| M _{0y} | 340 Nm | Static moment rating about Y-axis |
| M _{0z} | 340 Nm | Static moment rating about Z-axis |
| M _{0x} | 240 Nm | Dynamic moment rating about X-axis |
| M _{0y} | 305 Nm | Dynamic moment rating about y-axis |
| M _{0z} | 305 Nm | Dynamic moment rating about Z-axis |
| ≈m | 0,52 kg | Weight |



Mounting dimensions

| | | |
|-------------------|---------|--|
| A ₁ | 12,5 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 | 57 mm | Carrier length |
| H ₁ | 7 mm | Free space, system dimension |
| J _B | 35 mm | Hole spacing |
| J _L | 35 mm | Hole Spacing |
| A ₃ | 10,5 mm | Position lubrication connector |
| T ₅ | 10 mm | Thread depth |
| G ₂ | M6 | Thread size, DIN ISO 4762-12.9 |
| G2 M _A | 16,5 Nm | Maximum tightening torque |

Additional information

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