

**KWLT30-A-V0-G4**

Recirculating ball bearing carriage

Standard flanged 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 | A | Standard design |
| Preload | V0 | Slight clearance |
| Accuracy class | G4 | |

Main Dimensions & Performance Data

| | | |
|-----------------|----------|------------------------------------|
| H | 42 mm | Height system |
| B | 90 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 | 0,99 kg | Weight |



Mounting dimensions

| | | |
|-------------------|---------|--|
| A ₁ | 31 mm | Distance from locating edge on carriage to locating edge on guideway |
| A ₂ | 9 mm | Distance from locating edge to hole |
| L ₁ | 67,4 mm | Carrier length |
| H ₁ | 9 mm | Free space, system dimension |
| J _B | 72 mm | Hole spacing |
| J _L | 52 mm | Hole Spacing |
| A ₃ | 8 mm | Position lubrication connector |
| T ₅ | 11,5 mm | Thread depth |
| G ₂ | M10 | Thread size, DIN ISO 4762-12.9 |
| G2 M _A | 81 Nm | Maximum tightening torque |

Additional information

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