

**KWL15-S-V1-G4** [↗](#)

Recirculating ball bearing carriage

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

Technical information

**Your current product variant**

| | | |
|-----------------|----|---------------------------|
| Size Code | 15 | |
| Carriage design | S | Narrow design |
| Preload | V1 | Slight preload (standard) |
| Accuracy class | G4 | |

Main Dimensions & Performance Data

| | | |
|-----------------|----------|------------------------------------|
| H | 24 mm | Height system |
| B | 34 mm | Width carriage |
| L | 62 mm | Overall length carriage |
| C | 8.400 N | Dynamic load rating |
| C ₀ | 16.200 N | Basic static load capacity |
| M _{0x} | 140 Nm | Static moment rating about X-axis |
| M _{0y} | 99 Nm | Static moment rating about Y-axis |
| M _{0z} | 99 Nm | Static moment rating about Z-axis |
| M _{0x} | 65 Nm | Dynamic moment rating about X-axis |
| M _{0y} | 85 Nm | Dynamic moment rating about y-axis |
| M _{0z} | 85 Nm | Dynamic moment rating about Z-axis |
| ≈m | 150 g | Weight |



Mounting dimensions

| | | |
|-------------------|---------|--|
| A ₁ | 9,5 mm | Distance from locating edge on carriage to locating edge on guideway |
| A ₂ | 4 mm | Distance from locating edge to hole |
| L ₁ | 40 mm | Carrier length |
| H ₁ | 4,6 mm | Free space, system dimension |
| J _B | 26 mm | Hole spacing |
| J _L | 26 mm | Hole Spacing |
| A ₃ | 4,3 mm | Position lubrication connector |
| T ₅ | 4 mm | Thread depth |
| G ₂ | M4 | Thread size, DIN ISO 4762-12.9 |
| G2 M _A | 4,95 Nm | Maximum tightening torque |

Additional information

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