

**KWVE45-B-NL** [↗](#)

Recirculating ball bearing carriage

Carriages KWVE...-B-NL, low, long carriage, four-row

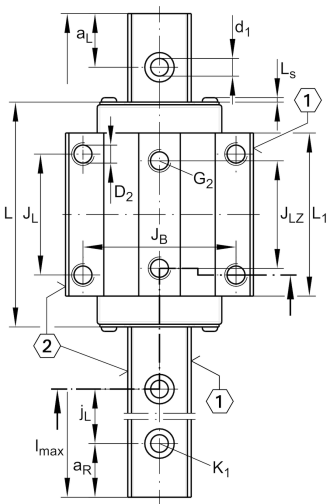
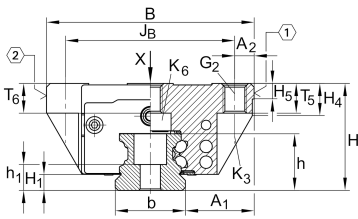
Technical information

Your current product variant

| | |
|-----------------|-----------------------|
| Size code | 45 |
| Version | B |
| Carriage design | NL Low, long carriage |

Main Dimensions & Performance Data

| | | |
|-----------------|-----------|-----------------------------------|
| H | 52 mm | Height system |
| B | 120 mm | Width carriage |
| L | 172,7 mm | Overall length carriage |
| C | 82.000 N | Dynamic load rating |
| C ₀ | 181.000 N | Static load rating |
| M _{0x} | 4.635 Nm | Static moment rating about X axis |
| M _{0y} | 4.000 Nm | Static moment rating about Y axis |
| M _{0z} | 4.000 Nm | Static moment rating about Z axis |
| ≈m | 3,38 kg | Weight |





Mounting dimensions

| | | |
|-------------------------------|----------|--|
| A ₁ | 37,5 mm | Distance from locating edge on carriage to locating edge on guideway |
| J _B | 100 mm | |
| b | 45 mm | Width rail |
| A ₂ | 10 mm | Distance from locating edge to hole |
| L ₁ | 134,6 mm | |
| L _S | 2,2 mm | |
| J _L | 80 mm | |
| J _{LZ} | 60 mm | |
| H ₁ | 9,7 mm | Free space, system dimension |
| H ₄ | 17,2 mm | |
| H ₅ | 9,25 mm | |
| T ₅ | 15 mm | Thread depth |
| T ₆ | 11 mm | |
| G ₂ | M12 | Fixing screws above (DIN ISO 4762-12.9) |
| G ₂ M _A | 83 Nm | Maximum tightening torque |
| K ₃ | M10 | Fixing screws below (DIN ISO 4762-12.9) |
| K ₃ M _A | 83 Nm | Maximum tightening torque |
| K ₆ | M10 | Fixing screws below (DIN 7984-8.8) |
| K ₆ M _A | 35 Nm | Maximum tightening torque |
| D ₂ | 10,6 mm | |
| A ₃ | 8,5 mm | Position lubrication connector |
| G ₃ | M6 | Lubrication connector |
| t _{G₃} | 7 mm | Maximum permissible screw depth for lubrication connectors |
| A ₄ | 8,5 mm | Position lubrication connector |
| G ₄ | M6 | Lubrication connector |
| t _{G₄} | 7 mm | Maximum permissible screw depth for lubrication connectors |
| J _{L6} | 35,5 mm | Position lubrication connector |



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Additional information

VMKB_065

KWVE

Material name