



KWVE45-B-HL [↗](#)

Recirculating ball bearing carriage

Carriages KWVE...-B-HL, high, narrow, long carriage, four-row

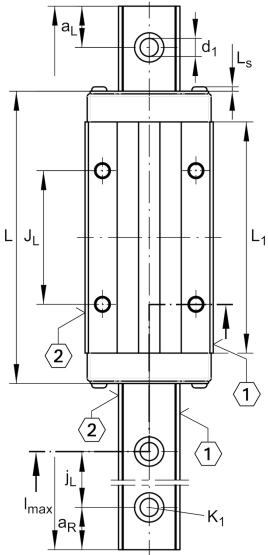
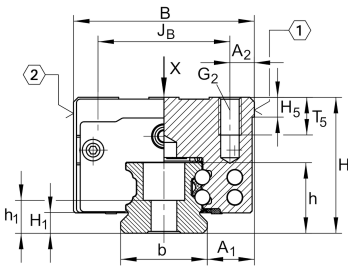
Technical information

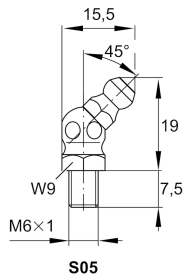
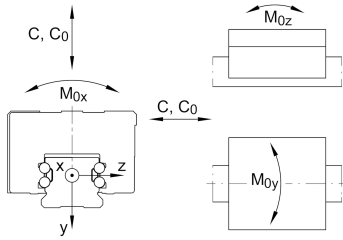
Your current product variant

| | |
|-----------------|------------------------|
| Size code | 45 |
| Version | B |
| Carriage design | HL High, long carriage |

Main Dimensions & Performance Data

| | | |
|-----------------|-----------|-----------------------------------|
| H | 70 mm | Height system |
| B | 86 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 | 4,27 kg | Weight |





Mounting dimensions

| | | |
|------------------------------|----------|--|
| A ₁ | 20,5 mm | Distance from locating edge on carriage to locating edge on guideway |
| J _B | 60 mm | |
| b | 45 mm | Width rail |
| A ₂ | 13 mm | Distance from locating edge to hole |
| L ₁ | 134,6 mm | |
| L _S | 2,2 mm | |
| J _L | 80 mm | |
| H ₁ | 9,7 mm | Free space, system dimension |
| H ₅ | 9,25 mm | |
| T ₅ | 17 mm | Thread depth |
| G ₂ | M10 | Fixing screws above (DIN ISO 4762-12.9) |
| G _{2 M_A} | 83 Nm | Maximum tightening torque |
| A ₃ | 26,5 mm | Position lubrication connector |
| G ₃ | M6 | Lubrication connector |
| t _{G₃} | 7 mm | Maximum permissible screw depth for lubrication connectors |
| A ₄ | 26,5 mm | Position lubrication connector |
| G ₄ | M6 | Lubrication connector |
| t _{G₄} | 7 mm | Maximum permissible screw depth for lubrication connectors |
| J _{L6} | 35,3 mm | Position lubrication connector |

Additional information

| | | |
|----------|------|---------------|
| VMKB_065 | KWVE | Material name |
|----------|------|---------------|