

**KWEM12-E-W-PP-V1-G2**

Miniature Carriage, Standard for Miniature-Guideway, Standard

Miniature-Carriage, Wide design, with end wipers; for Miniature guideway, Wide design

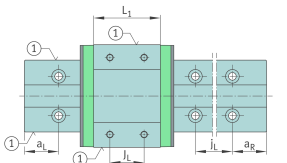
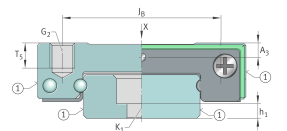
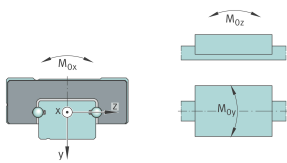
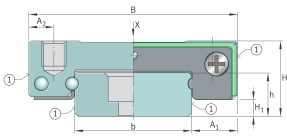
## Technical information

## Your current product variant

|                 |    |                                   |
|-----------------|----|-----------------------------------|
| Size code       | 12 |                                   |
| Version         | E  |                                   |
| Carriage design | W  | Wide design                       |
| Seal            | PP | With end wipers in the end pieces |
| Preload class   | V1 | Preload class 1                   |
| Accuracy class  | G2 |                                   |

## Main Dimensions &amp; Performance Data

|                 |         |                                   |
|-----------------|---------|-----------------------------------|
| H               | 14 mm   | Height system                     |
| B               | 40 mm   | Width carriage                    |
| L               | 43,5 mm | Length of carriage                |
| C               | 3.100 N | Dynamic load rating               |
| C <sub>0</sub>  | 5.300 N | Basic static load capacity        |
| M <sub>0x</sub> | 69,1 Nm | Static moment rating about X axis |
| M <sub>0y</sub> | 28,5 Nm | Static moment rating about Y axis |
| M <sub>0z</sub> | 28,5 Nm | Static moment rating about Z axis |
| ≈m              | 85 g    | Weight                            |





### Mounting dimensions

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|                   |        |  |
|-------------------|--------|--|
| b                 | 24 mm  | Width rail   |
| A <sub>1</sub>    | 8 mm   | Distance from locating edge on carriage to locating edge on guideway |
| A <sub>2</sub>    | 6 mm   | Distance from locating edge to hole                                  |
| H <sub>1</sub>    | 3 mm   | Free space, system dimension   |
| J <sub>B</sub>    | 28 mm  | Hole spacing   |
| J <sub>L</sub>    | 15 mm  | Hole Spacing   |
| T <sub>5</sub>    | 3,5 mm | Thread depth   |
| A <sub>3</sub>    | 2,7 mm | Position lubrication connector                                       |
| G2                | M3     | Thread size  |
| G2 M <sub>A</sub> | 1,1 Nm | Maximum tightening torque  |

### Additional information

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|          |      |               |
|----------|------|---------------|
| VMKB_065 | KWEM | Material name |
|----------|------|---------------|