

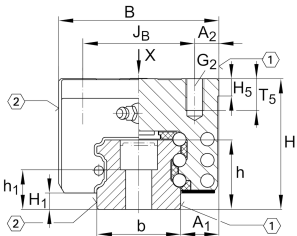
**KWSE30-HL-V1-G3**

Recirculating ball bearing carriage

High, narrow, long carriage for six-row linear recirculating ball bearing and guideway assembly

X-life

Informacje techniczne

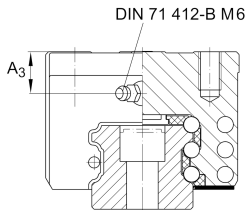
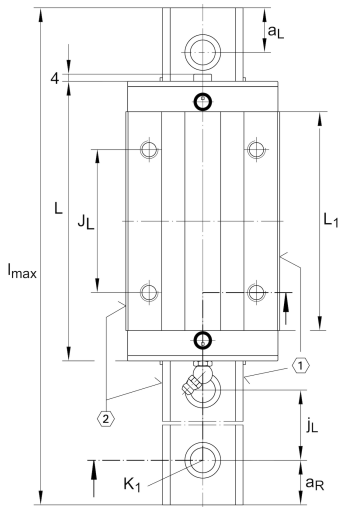


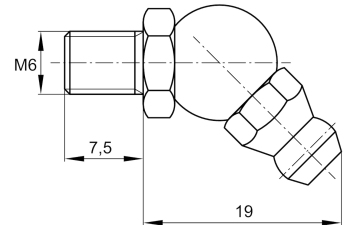
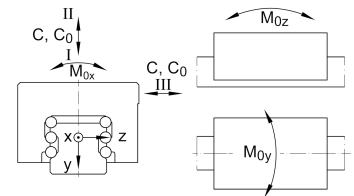
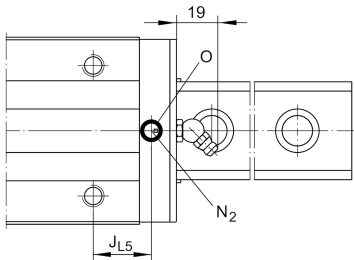
Twoja aktualna wersja produktu

|                 |    |                     |
|-----------------|----|---------------------|
| Size Code       | 30 |                     |
| Carriage design | HL | High, long carriage |
| Preload         | V1 | Preload class 1     |
| Accuracy class  | G3 |                     |

Main Dimensions & Performance Data

|                    |           |                                                                                  |
|--------------------|-----------|----------------------------------------------------------------------------------|
| H                  | 45 mm     | Height system                                                                    |
| B                  | 60 mm     | Width carriage                                                                   |
| L                  | 119,3 mm  | Overall length carriage                                                          |
| I C                | 68.000 N  | Dynamic load rating, load direction I: compressive load                          |
| I C <sub>0</sub>   | 152.000 N | Static load rating, load direction I: compressive load                           |
| II C               | 48.000 N  | Dynamic load rating, load direction II: tensile load                             |
| II C <sub>0</sub>  | 85.000 N  | Static load rating, load direction II: tensile load                              |
| III C              | 50.000 N  | Dynamic load rating; basic dynamic load rating, Load direction III: lateral load |
| III C <sub>0</sub> | 88.000 N  | Static load rating, Load direction III: lateral load                             |
| ≈m                 | 1,06 kg   | Masa                                                                             |





### Mounting dimensions

|                               |          |                                                                      |
|-------------------------------|----------|----------------------------------------------------------------------|
| A <sub>1</sub>                | 16 mm    | Distance from locating edge on carriage to locating edge on guideway |
| J <sub>B</sub>                | 40 mm    |                                                                      |
| b                             | 28 mm    | Width rail                                                           |
| A <sub>2</sub>                | 10 mm    | Distance from locating edge to hole                                  |
| L <sub>1</sub>                | 95,3 mm  |                                                                      |
| J <sub>L</sub>                | 60 mm    |                                                                      |
| H <sub>1</sub>                | 5,4 mm   | Free space, system dimension                                         |
| H <sub>5</sub>                | 6 mm     |                                                                      |
| T <sub>5</sub>                | 11 mm    | Thread depth                                                         |
| G <sub>2</sub>                | M8       | Fixing screws below (DIN ISO 4762-12.9)                              |
| G <sub>2</sub> M <sub>A</sub> | 41 Nm    | Maximum tightening torque                                            |
| N <sub>2</sub>                | 4,5 mm   | Max. diameter of lubrication hole in adjacent construction           |
| J <sub>L5</sub>               | 22,65 mm | Position lubrication connector                                       |
| A <sub>3</sub>                | 9,5 mm   | Position lubrication connector                                       |
| t A <sub>3</sub>              | 7 mm     | Maximum permissible screw depth for lubrication connectors           |
| O                             | 4,5x1,5  | O-Ring DIN 3771                                                      |
| M <sub>0X</sub>               | 1.920 Nm | Moment                                                               |
| M <sub>0Y</sub>               | 1.540 Nm | Moment                                                               |
| M <sub>0Z</sub>               | 1.360 Nm | Moment                                                               |

### Additional information

|          |      |               |
|----------|------|---------------|
| VMKB_065 | KWSE | Material name |
|----------|------|---------------|