



### KGSC30-PP-AS [↗](#)

#### Linear Ball Bearing and Housing Unit

Linear ball bearing and housing unit; with self-aligning linear ball bearing, open design, sealed, greased, with relubrication facility

### Technical information



#### Your current product variant

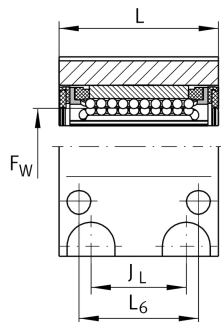
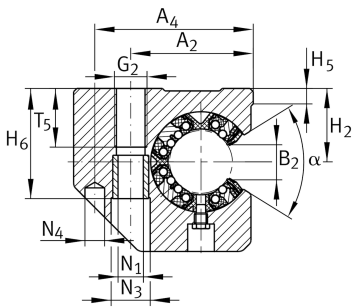
|                        |    |
|------------------------|----|
| Size code              | 30 |
| Seal                   | PP |
| Relubrication facility | AS |

#### Technical data

|    |         |           |
|----|---------|-----------|
|    | 6       | Ball rows |
| ≈m | 0,95 kg | Weight    |

#### Main Dimensions & Performance Data

|                    |         |                             |
|--------------------|---------|-----------------------------|
| F <sub>w</sub>     | 30 mm   | Diameter of ball complement |
| H                  | 82 mm   | Height                      |
| L                  | 68 mm   | Length                      |
| B                  | 86 mm   | Width                       |
| C <sub>max</sub>   | 5.900 N | Load capacity dyn.          |
| C <sub>0 max</sub> | 6.000 N | Basic static load capacity  |





### Mounting dimensions

|                    |            |                         |
|--------------------|------------|-------------------------|
| A <sub>2</sub>     | 59 mm      |                         |
| Tol A <sub>2</sub> | + 0,15 mm  | Upper tolerance         |
| Tol A <sub>2</sub> | - 0,15 mm  | Lower tolerance         |
| A <sub>4</sub>     | 76 mm      |                         |
| A <sub>5</sub>     | 25 mm      | Mounting Dimension      |
| Tol A <sub>5</sub> | + 0,01 mm  | Upper tolerance         |
| Tol A <sub>5</sub> | - 0,01 mm  | Lower tolerance         |
| B <sub>2</sub>     | 14,3 mm    | Width of sector opening |
| J <sub>L</sub>     | 42 mm      | Distance                |
| Tol J <sub>L</sub> | + 0,15 mm  | Upper tolerance         |
| Tol J <sub>L</sub> | - 0,15 mm  | Lower tolerance         |
| L <sub>6</sub>     | 52 mm      | Distance                |
| H <sub>2</sub>     | 40 mm      | Center height           |
| Tol H <sub>2</sub> | + 0,008 mm | Upper tolerance         |
| Tol H <sub>2</sub> | - 0,016 mm | Lower tolerance         |
| H <sub>4</sub>     | 52 mm      |                         |
| H <sub>5</sub>     | 9 mm       |                         |
| T <sub>5</sub>     | 29 mm      |                         |
| H <sub>6</sub>     | 55,6 mm    |                         |
| G <sub>2</sub>     | M16        |                         |
| N <sub>1</sub>     | 13,5 mm    |                         |
| N <sub>4</sub>     | 10 mm      |                         |
| N <sub>3</sub>     | 20 mm      |                         |
| K <sub>5</sub>     | M12        |                         |
| K <sub>8</sub>     | NIP5MZ     | Lubrication nipple      |
| α                  | 57 °       | Angle                   |