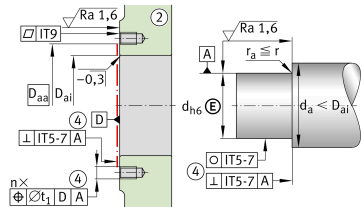
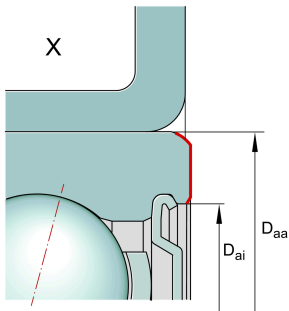
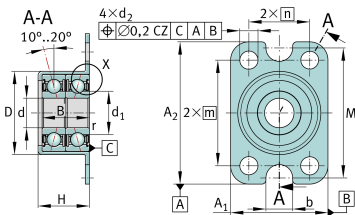


ZKLR0624-2Z

Flanged housing unit

Angular contact ball bearing units ZKLR...-2Z, double direction, for screw mounting, gap seals on both sides

Informacje techniczne



Twoja aktualna wersja produktu

|         |    |                                 |
|---------|----|---------------------------------|
| Sealing | 2Z | Minimal gap seals on both sides |
|---------|----|---------------------------------|

Main Dimensions & Performance Data

|                 |           |                                              |
|-----------------|-----------|----------------------------------------------|
| d               | 6 mm      | Bore diameter                                |
|                 | 0 mm      | Bore diameter upper tolerance                |
|                 | -0,008 mm | Bore diameter lower tolerance                |
| D               | 20,5 mm   | Outside diameter bearing pot                 |
|                 | 0,03 mm   | Outside diameter bearing pot upper tolerance |
|                 | -0,01 mm  | Outside diameter bearing pot lower tolerance |
| B               | 12 mm     | Width, inner ring                            |
|                 | 0,25 mm   | Inner ring width upper tolerance             |
|                 | -0,25 mm  | Inner ring width lower tolerance             |
| C <sub>r</sub>  | 4.100 N   | Basic dynamic load rating, radial            |
| C <sub>0r</sub> | 2.060 N   | Basic static load rating, radial             |
| C <sub>a</sub>  | 1.650 N   | Basic dynamic load rating, axial             |
| C <sub>0a</sub> | 1.520 N   | Basic static load rating, axial              |
| C <sub>ur</sub> | 107 N     | Fatigue load limit, radial                   |
| M <sub>RL</sub> | 0,04 Nm   | Bearing friction torque                      |
| ≈m              | 22,29 g   | Masa                                         |



Mounting dimensions

|                     |        |                                             |
|---------------------|--------|---------------------------------------------|
| d <sub>a</sub>      | 8 mm   | Diameter shaft shoulder                     |
| D <sub>ai</sub>     | 16 mm  | Support diameter outer ring inside          |
| D <sub>aa min</sub> | 19 mm  | Minimum support diameter outer ring outside |
|                     | M4     | Screw size                                  |
| n                   | 4      | Number of screws                            |
|                     | M6     | Screw size b                                |
| n                   | 2      | Number of screws b                          |
| t <sub>1</sub>      | 0,2 mm | Position bore in the housing                |

Dimensions

|                  |         |                                |
|------------------|---------|--------------------------------|
| d <sub>1</sub>   | 9 mm    | Rib diameter inner ring        |
| r <sub>min</sub> | 0,3 mm  | Minimum chamfer dimension      |
| d <sub>2</sub>   | 4,5 mm  | Fixing boring diameter         |
| A <sub>1</sub>   | 24 mm   | Flange width                   |
| A <sub>2</sub>   | 35 mm   | Height flange                  |
| b                | 6,6 mm  | Wide fixing groove             |
| m                | 26 mm   | Bore distance height           |
| n                | 15 mm   | Bore distance width            |
| M                | 32 mm   | Distance fixing groove         |
| H                | 13 mm   | Height housing                 |
|                  | 0 mm    | Height housing upper tolerance |
|                  | -0,5 mm | Height housing lower tolerance |



Additional information

|          |              |                        |
|----------|--------------|------------------------|
| $c_{aL}$ | 14 N/μm      | Rigidity axial         |
| $M_m$    | 0,001 kg*cm2 | Mass moment of inertia |
|          | 7 μm         | Axial runout           |
|          | ZM06         | Locknut 1              |
| $M_A$    | 2 Nm         | Tightening torque nut  |