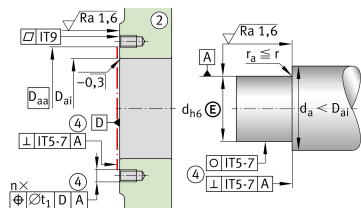
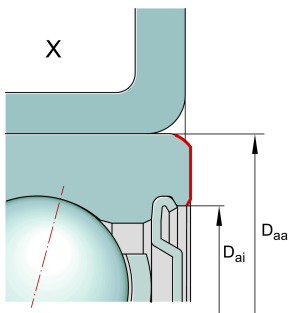
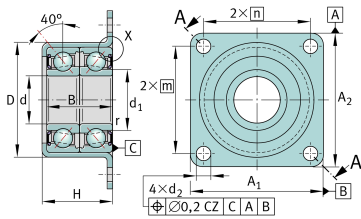
**ZKLR1547-2RS**

Flanged housing unit

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

Technical information



Your current product variant

| | | |
|---------|-----|---------------------------------|
| Sealing | 2RS | Contact lip seals on both sides |
|---------|-----|---------------------------------|

Main Dimensions & Performance Data

| | | |
|-----------------|-----------|--|
| d | 15 mm | Bore diameter |
| | 0 mm | Bore diameter upper tolerance |
| | -0,007 mm | Bore diameter lower tolerance |
| D | 38,45 mm | Outside diameter bearing pot |
| | 0,03 mm | Outside diameter bearing pot upper tolerance |
| | -0,01 mm | Outside diameter bearing pot lower tolerance |
| B | 22 mm | Width, inner ring |
| | 0,25 mm | Inner ring width upper tolerance |
| | -0,25 mm | Inner ring width lower tolerance |
| C _r | 16.700 N | Basic dynamic load rating, radial |
| C _{0r} | 10.700 N | Basic static load rating, radial |
| C _a | 16.400 N | Basic dynamic load rating, axial |
| C _{0a} | 22.400 N | Basic static load rating, axial |
| C _{ur} | 560 N | Fatigue load limit, radial |
| M _{RL} | 0,2 Nm | Bearing friction torque |
| ≈m | 143,1 g | Weight |



Mounting dimensions

| | | |
|---------------|---------|---|
| d_a | 17,5 mm | Diameter shaft shoulder |
| D_{ai} | 29 mm | Support diameter outer ring inside |
| $D_{aa\ min}$ | 35 mm | Minimum support diameter outer ring outside |
| | M6 | Screw size |
| n | 4 | Number of screws |
| t_1 | 0,2 mm | Position bore in the housing |

Dimensions

| | | |
|------------|---------|--------------------------------|
| d_1 | 18 mm | Rib diameter inner ring |
| r_{\min} | 0,3 mm | Minimum chamfer dimension |
| d_2 | 6,6 mm | Fixing boring diameter |
| A_1 | 47 mm | Flange width |
| A_2 | 51 mm | Height flange |
| m | 39 mm | Bore distance height |
| n | 35 mm | Bore distance width |
| H | 24 mm | Height housing |
| | 0 mm | Height housing upper tolerance |
| | -0,5 mm | Height housing lower tolerance |

Additional information

| | | |
|----------|--------------------------|------------------------|
| c_{aL} | 200 N/ μ m | Rigidity axial |
| M_m | 0,018 kg*cm ² | Mass moment of inertia |
| | 7 μ m | Axial runout |
| | ZM15 | Locknut 1 |
| | AM15 | Locknut 2 |
| M_A | 10 Nm | Tightening torque nut |