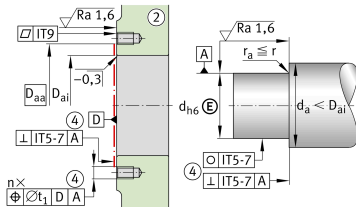
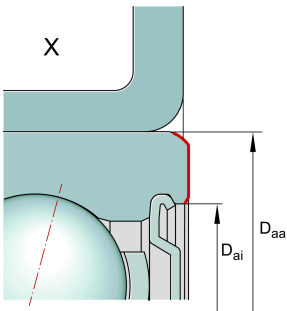
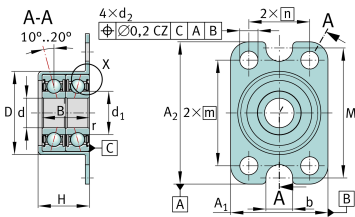
**ZKLR0828-2Z**

## Flanged housing unit

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

## Technical information



## Your current product variant

Type of Seal	2Z	Minimal gap seals on both sides
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## Main Dimensions &amp; Performance Data

d	8 mm	Bore diameter
	0 mm	Bore diameter upper tolerance
	-0,008 mm	Bore diameter lower tolerance
D	23,9 mm	Outside diameter bearing pot
	0,03 mm	Outside diameter bearing pot upper tolerance
	-0,01 mm	Outside diameter bearing pot lower tolerance
B	14 mm	Width, inner ring
	0,25 mm	Inner ring width upper tolerance
	-0,25 mm	Inner ring width lower tolerance
C <sub>r</sub>	5.000 N	Basic dynamic load rating, radial
C <sub>0r</sub>	2.700 N	Basic static load rating, radial
C <sub>a</sub>	2.060 N	Basic dynamic load rating, axial
C <sub>0a</sub>	1.850 N	Basic static load rating, axial
C <sub>ur</sub>	142 N	Fatigue load limit, radial
M <sub>RL</sub>	0,08 Nm	Bearing friction torque
≈m	35,698 g	Weight



### Mounting dimensions

$d_a$	10,4 mm	Diameter shaft shoulder
$D_{ai}$	18 mm	Support diameter outer ring inside
$D_{aa\ min}$	22 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
$t_1$	0,2 mm	Position bore in the housing

### Dimensions

$d_1$	11 mm	Rib diameter inner ring
$r_{\min}$	0,3 mm	Minimum chamfer dimension
$d_2$	4,5 mm	Fixing boring diameter
$A_1$	28 mm	Flange width
$A_2$	35 mm	Height flange
$b$	6,6 mm	Wide fixing groove
$m$	26 mm	Bore distance height
$n$	20 mm	Bore distance width
$M$	35 mm	Distance fixing groove
$H$	15,5 mm	Height housing
	0 mm	Height housing upper tolerance
	-0,5 mm	Height housing lower tolerance



### Additional information

$c_{aL}$	16 N/ $\mu$ m	Rigidity axial
$M_m$	0,003 kg*cm <sup>2</sup>	Mass moment of inertia
	7 $\mu$ m	Axial runout
	ZM08	Locknut 1
$M_A$	4 Nm	Tightening torque nut