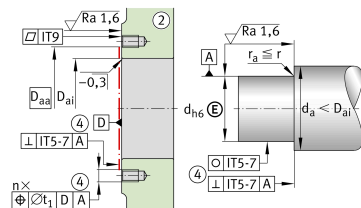
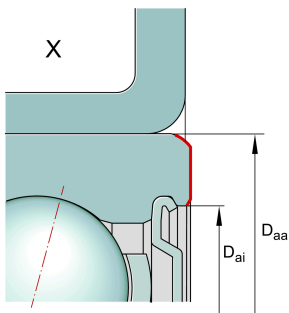
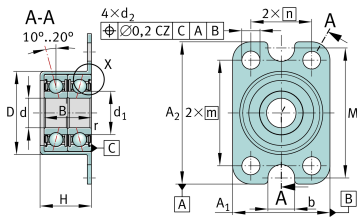
**ZKLR0828-2Z**

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

Sealing	2Z	Minimal gap seals on both sides
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Main Dimensions & 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 _r	5.000 N	Basic dynamic load rating, radial
C _{0r}	2.700 N	Basic static load rating, radial
C _a	2.060 N	Basic dynamic load rating, axial
C _{0a}	1.850 N	Basic static load rating, axial
C _{ur}	142 N	Fatigue load limit, radial
M _{RL}	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/ μ m	Rigidity axial
M_m	0,003 kg*cm ²	Mass moment of inertia
	7 μ m	Axial runout
	ZM08	Locknut 1
M_A	4 Nm	Tightening torque nut