

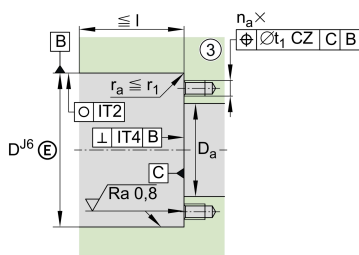
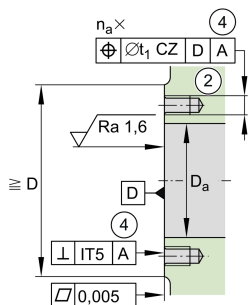
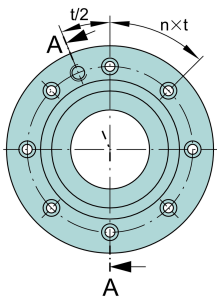
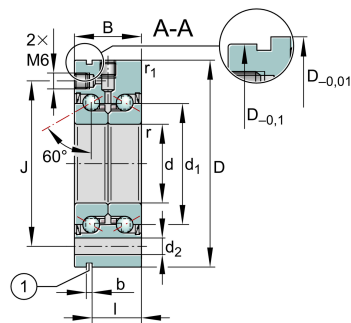
**ZKLF1560-2RS-XL**

Axial angular contact ball bearing

Axial angular contact ball bearings
ZKLF..-2RS, double direction, for screw
mounting, lip seals on both sides

X-life

Technical information



Your current product variant

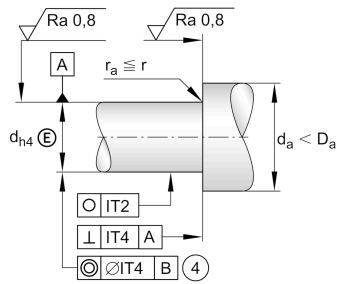
Type of Seal	2RS	Contact lip seals on both sides
Tolerance class	Standard	

Main Dimensions & Performance Data

d	15 mm	Bore diameter
	0 mm	Bore diameter upper tolerance
	-0,005 mm	Bore diameter lower tolerance
D	60 mm	Outside diameter
	0 mm	Outside diameter upper tolerance
	-0,01 mm	Outside diameter lower tolerance
B	25 mm	Width
	0 mm	Width upper tolerance
	-0,25 mm	Width lower tolerance
C _a	19.800 N	Basic dynamic load rating, axial
C _{0a}	28.500 N	Basic static load rating, axial
C _{ua}	1.730 N	Fatigue load limit, axial
n _G Grease	8.200 1/min	Limiting speed for grease lubrication
n _g	3.500 1/min	Thermally safe operating speed
M _R	0,2 Nm	Bearing frictional torque
≈m	0,428 kg	Weight



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D a max	35 mm	Maximum diameter of housing
d a min	20 mm	Minimum diameter shaft
t 1	0,1 mm	Position tolerance of bore in the housing
	M6	Size of fixing screws

d ₁	28 mm	Rib diameter inner ring
r _{min}	0,3 mm	Minimum chamfer dimension
r _{1 min}	0,6 mm	Minimum chamfer dimension
J	46 mm	Pitch circle diameter fixing holes
d ₂	6,8 mm	Fixing holes diameter
b	3 mm	Width of extraction slot
l	17 mm	Distance of extraction slot
n	3	Pitch quantity of fixing holes
t	120 °	Pitch separation angle of fixing holes
a	60 °	Contact angle

T _{min}	-30 °C	Operating temperature min.
T _{max}	120 °C	Operating temperature max.

The data sheet only contains an overview of the technical data of the selected product. Please refer to the additional documentation for this product. For further information, please use the following link on our website: [Contact form](#)



Additional information

c_{aL}	400 N/μm	Rigidity axial
c_{kL}	65 Nm/mrad	Tilting rigidity
M_m	0,102 kg*cm2	Mass moment of inertia
	2 μm	Axial runout
	ZM15	Recommended INA precision locknut for radial locking
	AM15	Recommended INA precision locknut for axial locking
M_A	10 Nm	Tightening torque for the recommended INA precision locknut
	5.484 N	Required locknut force axial

Characteristics

-  Radial load
-  Axial load in one direction
-  Axial load in two directions
-  Lifetime lubrication, freedom from maintenance
-  Grease Lubrication
-  Sealed on both sides