



ZKLF50115-2RS-PE

Axial angular contact ball bearing

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ZKLF.-2RS-PE, double direction, screw
mounting

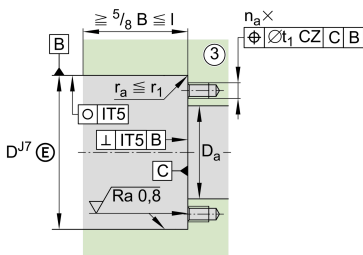
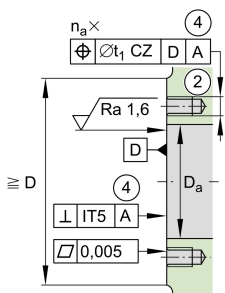
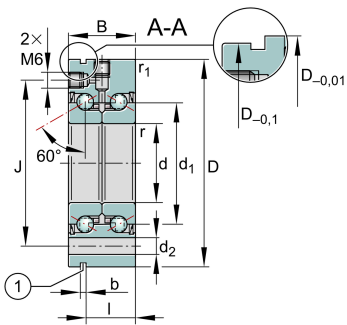
Technical information

Your current product variant

Type of Seal	2RS	Contact lip seals on both sides
Tolerance class	PE	Less stringent bearing design

Main Dimensions & Performance Data

d	50 mm	Bore diameter
	0 mm	Bore diameter upper tolerance
	-0,01 mm	Bore diameter lower tolerance
D	115 mm	Outside diameter
	0 mm	Outside diameter upper tolerance
	-0,015 mm	Outside diameter lower tolerance
B	34 mm	Width
	0 mm	Width upper tolerance
	-0,25 mm	Width lower tolerance
C _a	46.500 N	Basic dynamic load rating, axial
C _{0a}	126.000 N	Basic static load rating, axial
C _{ua}	5.800 N	Fatigue load limit, axial
n _G Grease	3.200 1/min	Limiting speed for grease lubrication
n _g	1.500 1/min	Thermally safe operating speed
M _R	0,9 Nm	Bearing frictional torque
≈m	1,783 kg	Weight











Additional information

c_{aL}	1.250 N/ μ m	Rigidity axial
c_{kL}	1.000 Nm/mrad	Tilting rigidity
M_m	5,24 kg*cm ²	Mass moment of inertia
	5 μ m	Axial runout
	ZM50	Recommended INA precision locknut for radial locking
	AM50	Recommended INA precision locknut for axial locking
M_A	85 Nm	Tightening torque for the recommended INA precision locknut
	16.280 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