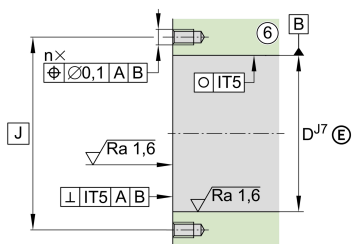
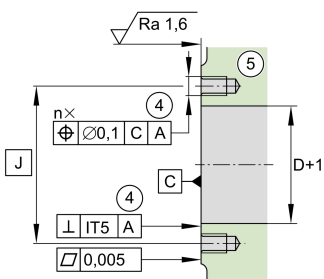
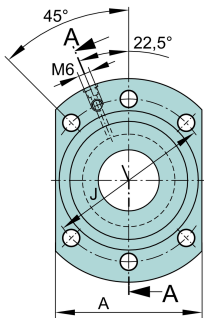
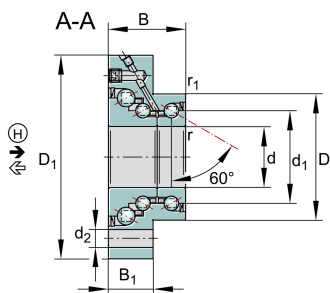


**DKLFA40115-2RS**

Axial angular contact ball bearing

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

Technical information

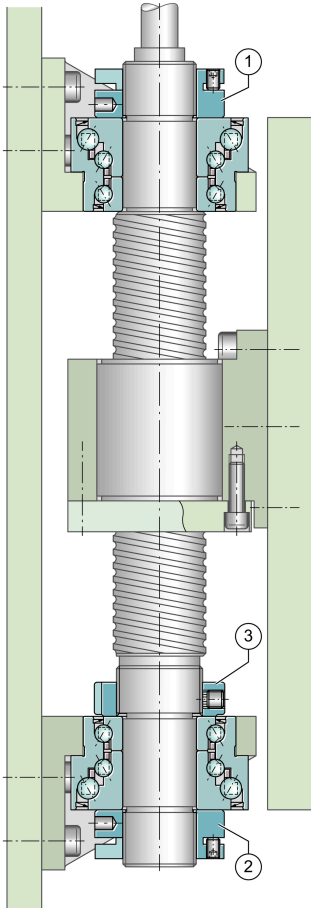
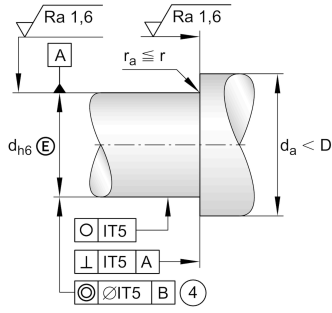


Your current product variant

Sealing	2RS	Contact lip seals on both sides
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Main Dimensions & Performance Data

d	40 mm	Bore diameter
	0 mm	Bore diameter upper tolerance
	-0,01 mm	Bore diameter lower tolerance
D	72 mm	Outside diameter
	0 mm	Outside diameter upper tolerance
	-0,013 mm	Outside diameter lower tolerance
B	42 mm	Width
	0 mm	Width upper tolerance
	-0,25 mm	Width lower tolerance
C _a	73.000 N	Basic dynamic load rating, axial HL
C _a	43.000 N	Basic dynamic load rating, axial
C _{0a}	227.000 N	Basic static load rating, axial HL
C _{0a}	101.000 N	Basic static load rating, axial
C _{ua}	5.600 N	Fatigue load limit, axial HL
C _{ua}	4.450 N	Fatigue load limit, axial
n _G Grease	3.200 1/min	Limiting speed for grease lubrication
n _g	1.500 1/min	Thermally permissible speed
≈m	1,483 kg	Weight



Mounting dimensions

d _{a min}	50 mm	Minimum diameter shaft shoulder
d _{a max}	67 mm	Maximum diameter of shaft shoulder
	M8	Fixing screws DIN EN ISO 4762 10.9 (not included)
n	6	Number of screws

Dimensions

d ₁	58 mm	Rib diameter inner ring
D ₁	115 mm	Flange diameter
r _{min}	0,3 mm	Minimum chamfer dimension
r _{1 min}	0,6 mm	Minimum chamfer dimension 1
B ₁	23 mm	Thickness of flange
d ₂	8,8 mm	Fixing boring diameter
J	94 mm	Pitch circle diameter (holes)
A	90 mm	Flange width

Temperature range







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



Additional information

M_{RL}	1 Nm	Bearing friction torque
c_{aL}	1.100 N/ μ m	Rigidity axial
c_{aL}	1.700 N/ μ m	Rigidity axial (HL)
c_{kL}	1.000 Nm/mrad	Tilting stiffness
	5 μ m	Axial runout
M_m	4,23 kg*cm ²	Mass moment of inertia
	ZMA40/62	Recommended INA precision locknut for radial locking 1,2
(3) r	ZM45	Recommended INA precision locknut for radial locking 3
(1), (2) r	AM40	Recommended INA precision locknut for axial locking 1,2
M_A	55 Nm	Tightening torque nut
(1), (2) a	13.420 N	Required locknut force axial 1

Characteristics

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