

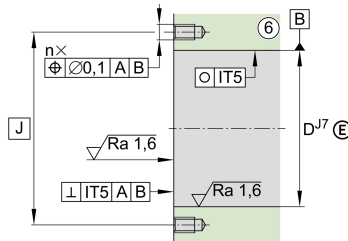
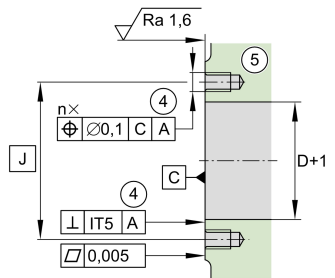
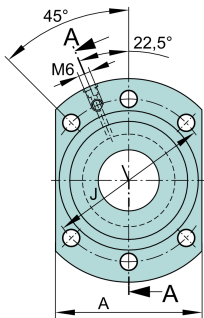
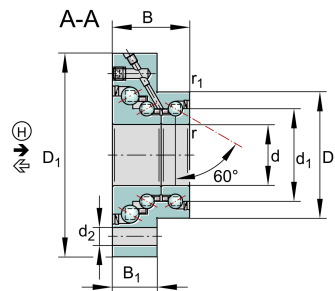


DKLFA30100-2RS

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

Informacje techniczne

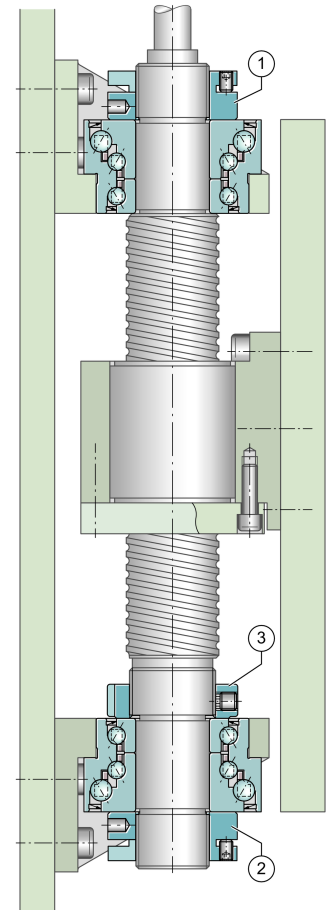
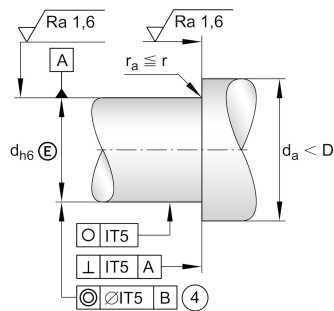


Twoja aktualna wersja produktu

Sealing 2RS Contact lip seals on both sides

Main Dimensions & Performance Data

d	30 mm	Bore diameter
	0 mm	Bore diameter upper tolerance
	-0,01 mm	Bore diameter lower tolerance
D	62 mm	Outside diameter
	0 mm	Outside diameter upper tolerance
	-0,013 mm	Outside diameter lower tolerance
B	38 mm	Width
	0 mm	Width upper tolerance
	-0,25 mm	Width lower tolerance
C a	56.000 N	Basic dynamic load rating, axial HL
C a	29.000 N	Basic dynamic load rating, axial
C 0a	165.000 N	Basic static load rating, axial HL
C 0a	64.000 N	Basic static load rating, axial
C ua	4.450 N	Fatigue load limit, axial HL
C ua	2.800 N	Fatigue load limit, axial
n G Grease	4.000 1/min	Limiting speed for grease lubrication
n g	1.800 1/min	Thermally permissible speed
≈m	1,03 kg	Masa



Mounting dimensions

d _a min	40 mm	Minimum diameter shaft shoulder
d _a max	53 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	45,5 mm	Rib diameter inner ring
D ₁	100 mm	Flange diameter
r _{min}	0,3 mm	Minimum chamfer dimension
r ₁ min	0,6 mm	Minimum chamfer dimension 1
B ₁	22 mm	Thickness of flange
d ₂	8,8 mm	Fixing boring diameter
J	80 mm	Pitch circle diameter (holes)
A	72 mm	Flange width

Temperature range

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



Additional information

M _{RL}	0,75 Nm	Bearing friction torque
c _{aL}	900 N/μm	Rigidity axial
c _{aL}	1.400 N/μm	Rigidity axial (HL)
c _{kL}	500 Nm/mrad	Tilting stiffness
	5 μm	Axial runout
M _m	1,7 kg*cm2	Mass moment of inertia
	ZMA30/52	Recommended INA precision locknut for radial locking 1,2
(3) r	ZM35	Recommended INA precision locknut for radial locking 3
(1), (2) r	AM30	Recommended INA precision locknut for axial locking 1,2
M _A	32 Nm	Tightening torque nut
(1), (2) a	10.350 N	Required locknut force axial 1

Właściwości

-  Obciążenie promieniowe
-  Obciążenie osiowe jednokierunkowe
-  Obciążenie osiowe dwukierunkowe
-  Smarowanie dożywotnie, bezobsługowe
-  Smarowanie smarem
-  Uszczelnienie dwustronne