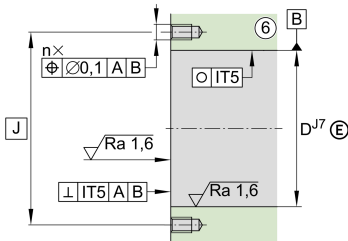
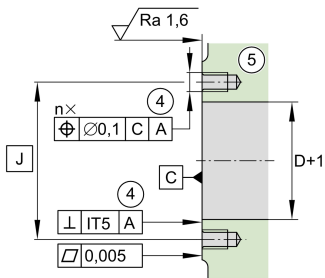
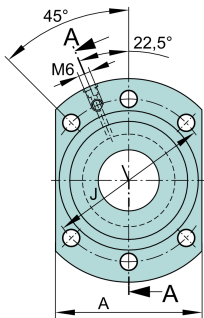
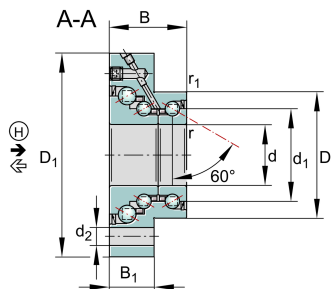


DKLFA2590-2RS

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

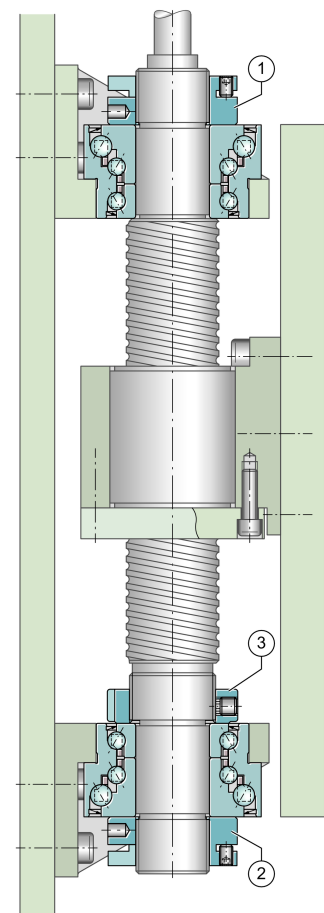
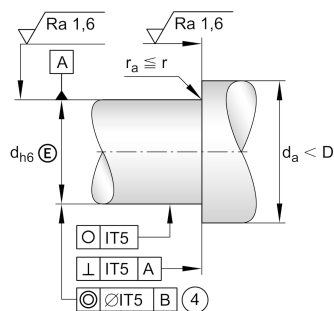


Twoja aktualna wersja produktu

Sealing 2RS Contact lip seals on both sides

Main Dimensions & Performance Data

d	25 mm	Bore diameter
	0 mm	Bore diameter upper tolerance
	-0,01 mm	Bore diameter lower tolerance
D	57 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	53.000 N	Basic dynamic load rating, axial HL
C _a	27.500 N	Basic dynamic load rating, axial
C _{0a}	144.000 N	Basic static load rating, axial HL
C _{0a}	55.000 N	Basic static load rating, axial
C _{ua}	3.950 N	Fatigue load limit, axial HL
C _{ua}	2.450 N	Fatigue load limit, axial
n _G Grease	4.400 1/min	Limiting speed for grease lubrication
n _g	2.000 1/min	Thermally permissible speed
≈m	0,907 kg	Masa



Mounting dimensions

$d_{a \min}$	32 mm	Minimum diameter shaft shoulder
$d_{a \max}$	48 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	40,5 mm	Rib diameter inner ring
D_1	90 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	75 mm	Pitch circle diameter (holes)
A	70 mm	Flange width

Temperature range

$T_{\min}$	-30 °C	Operating temperature min.
$T_{\max}$	120 °C	Operating temperature max.



Additional information

M _{RL}	0,6 Nm	Bearing friction torque
c _{aL}	850 N/μm	Rigidity axial
c _{aL}	1.200 N/μm	Rigidity axial (HL)
c _{kL}	370 Nm/mrad	Tilting stiffness
	5 μm	Axial runout
M _m	1,12 kg*cm2	Mass moment of inertia
	ZMA25/45	Recommended INA precision locknut for radial locking 1,2
(3) r	ZM30	Recommended INA precision locknut for radial locking 3
(1), (2) r	AM25	Recommended INA precision locknut for axial locking 1,2
M _A	25 Nm	Tightening torque nut
(1), (2) a	9.670 N	Required locknut force axial 1

Właściwości

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