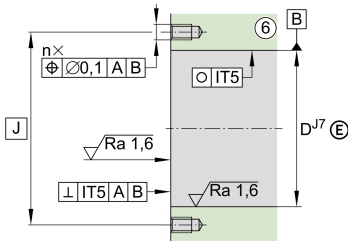
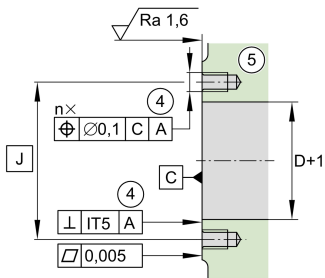
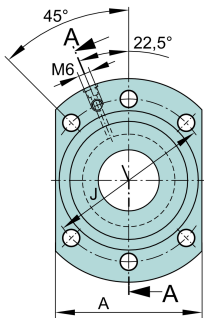
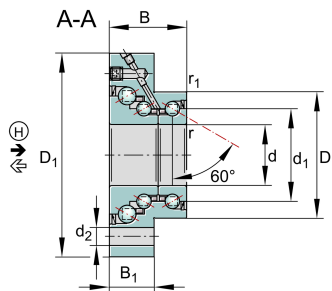


DKLFA2590-2RS

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

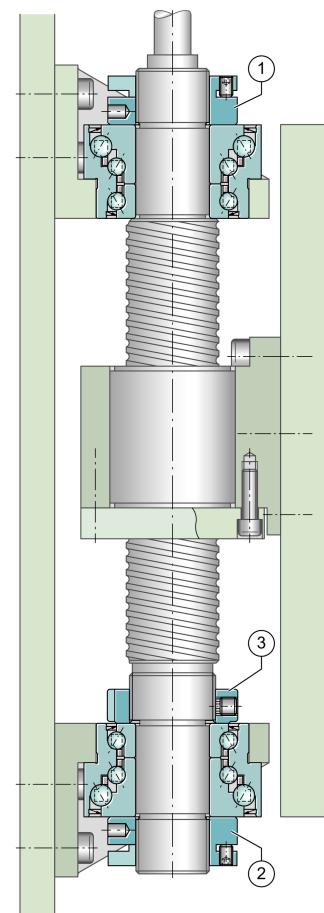
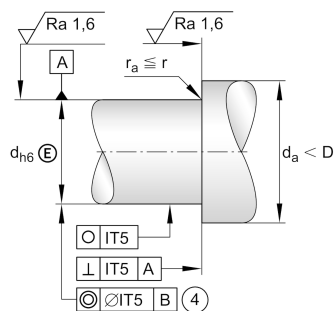


Twoja aktualna wersja produktu

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