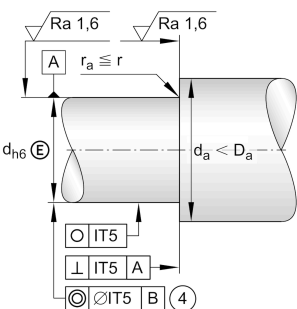
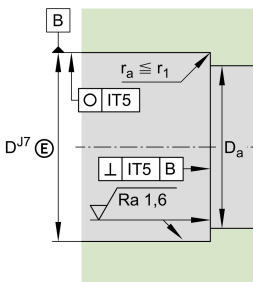
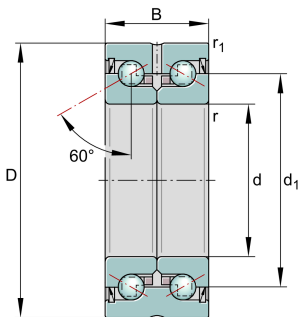
**ZKLN1747-2RS-PE**

Axial angular contact ball bearing

Axial angular contact ball bearings
ZKLN..-2RS-PE, Increased tolerances,
double direction, lip seals on both sidesMateriálové číslo Schaeffler:
0028074320000

Technické informace



Vaše aktuální varianta produktu

Sealing	2RS	Contact lip seals on both sides
Tolerance class	PE	Less stringent bearing design

Main Dimensions & Performance Data

d	17 mm	Bore diameter
	0 mm	Bore diameter upper tolerance
	-0,01 mm	Bore diameter lower tolerance
D	47 mm	Outside diameter
	0 mm	Outside diameter upper tolerance
	-0,011 mm	Outside diameter lower tolerance
B	25 mm	Width
	0 mm	Width upper tolerance
	-0,25 mm	Width lower tolerance
C _a	18.900 N	Basic dynamic load rating, axial
C _{0a}	31.500 N	Basic static load rating, axial
C _{ua}	1.440 N	Fatigue load limit, axial
n _G Grease	7.600 1/min	Limiting speed for grease lubrication
n _g	3.300 1/min	Thermally safe operating speed
M _R	0,24 Nm	Bearing frictional torque
≈m	0,234 kg	Hmotnost



Mounting dimensions

$D_{a \max}$	37 mm	Maximum diameter of housing
$d_{a \min}$	23 mm	Minimum diameter shaft

Dimensions

d_1	30 mm	Rib diameter inner ring
r_{\min}	0,3 mm	Minimum chamfer dimension
$r_{1 \min}$	0,6 mm	Minimum chamfer dimension
α	60 °	Contact angle

Temperature range

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

Additional information

c_{aL}	450 N/μm	Rigidity axial
c_{kL}	80 Nm/mrad	Tilting rigidity
M_m	0,132 kg*cm ²	Mass moment of inertia
	5 μm	Axial runout
	ZM17	Recommended INA precision locknut for radial locking
	AM17	Recommended INA precision locknut for axial locking
M_A	15 Nm	Tightening torque for the recommended INA precision locknut
	7.514 N	Required locknut force axial



Vlastnosti

-  F_r Radiální zatížení
-  F_a Axiální zatížení v jednom směru
-  F_a Axiální zatížení ve dvou směrech
-  L_h Celoživotní mazání bez nutnosti údržby
-  Mazání (plastickým) mazivem
-  Utěsněné na obou stranách