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3062-2RS-2AP-XLZKLN..-2RS-2APAxial-Schrägkugellager

Axial angular contact ball bearings ZKLN3062-2RS-2AP-XL (Series ZKLN..-2RS-2AP)

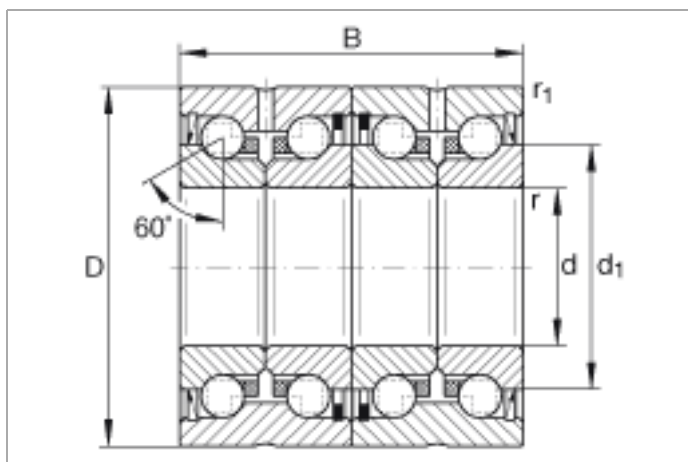
matched pair, double direction, lip seals on both sides

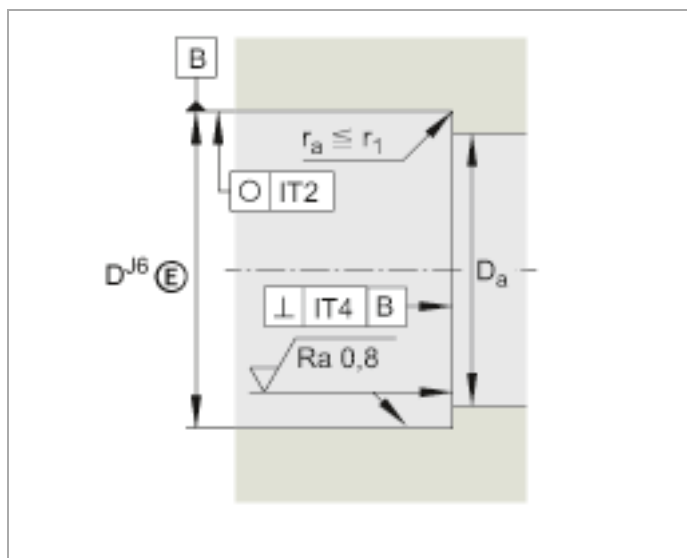
The datasheet is only an overview of dimensions and basic load ratings of the selected product. Please always observe all the guidelines in these overview pages. Further information is given on many products under the menu item "Description". You can also order comprehensive information via the Catalogue ordering system

(https://www.schaeffler.de/content.schaeffler.de/en/news_media/index.jsp) or by telephone on +49 (91 32) 82 - 28 97.

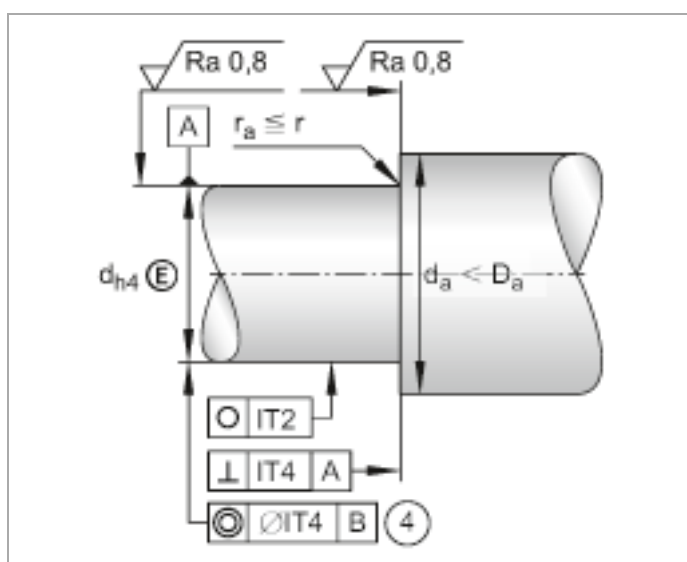
d	30 mm	Tolerance: 0/-0,005
D	62 mm	Tolerance: 0/-0,01
B	56 mm	Tolerance: 0/-0,5
	60 °	Contact angle
d1	45,5 mm	
Da max	53 mm	
da min	40 mm	
r1 min	0,6 mm	
rmin	0,3 mm	
m	0,78 kg	≈ Mass
Ca	52000 N	Basic dynamic load rating, axial
Coa	127000 N	Basic static load rating, axial
Cua	7500 N	Fatigue limit load, axial
nG Fett	5000 1/min	Limiting speed for grease lubrication
n9	2200 1/min	Thermally safe operating speed
MRL	0,75 Nm	Bearing frictional torque
CaL	1500 N/μm	Axial rigidity

ckL	620 Nm/mrad	Tilting rigidity
M _m	1,46 kg * cm ²	Mass moment of inertia for rotating inner ring
	2,5 μm	Axial runout The axial runout data for screw drive bearing arrangements are based on the rotating inner ring.
	ZMA30/52	Recommended INA precision locknuts with radial clamping The recommended INA precision locknuts are not included in the scope of delivery and must be ordered separately.
	AM30	Recommended INA precision locknuts with axial clamping The recommended INA precision locknuts are not included in the scope of delivery and must be ordered separately.
MA	32 Nm	Tightening torque Only valid in conjunction with INA precision locknuts. Observe the guidelines on locating/locating bearing arrangements.
	9947 N	Requisite locknut force, axial The requisite axial locknut force must be observed when using other locknuts.





Design of housing and shaft (threaded spindle)



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(4) Only valid in assembled condition