

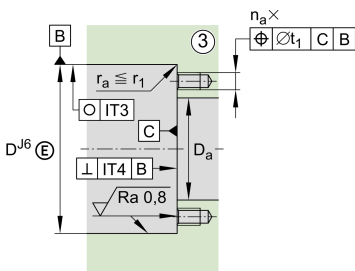
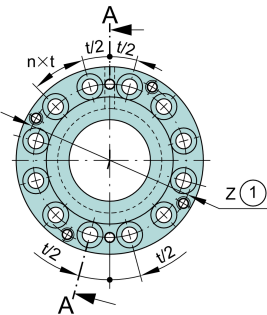
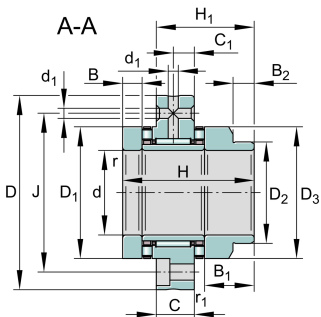


ZARF3080-L-TV

Needle roller/axial cylindrical roller bearing

Needle roller/axial cylindrical roller bearings
ZARF..-L, double direction, for screw
mounting, long shaft locating washer

Informacje techniczne

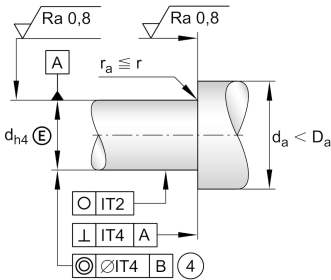


Twoja aktualna wersja produktu

Cage	TV	Plastic Cage made from PA66
Locating Feature , bearing outer ring	L	Stepped shaft locating washer extended on one side

Main Dimensions & Performance Data

d	30 mm	Bore diameter
D	80 mm	Outside diameter
H	65 mm	Hight
C a	39.000 N	Basic dynamic load rating, axial
C 0a	101.000 N	Basic static load rating, axial
C r	24.300 N	Basic dynamic load rating, radial
C 0r	41.500 N	Basic static load rating, radial
C ua	8.500 N	Fatigue load limit, axial
C ur	6.000 N	Fatigue load limit, radial
n G Oil	5.500 1/min	Limiting speed for oil lubrication
n G Grease	1.800 1/min	Limiting speed for grease lubrication
M RL	0,65 Nm	Bearing friction torque
≈m	0,815 kg	Masa



Mounting dimensions

D _a max	53 mm	Maximum diameter of housing shoulder
d _a min	38 mm	Minimum diameter shaft shoulder
t ₁	0,1 mm	Position bore in the housing

Dimensions

H ₁	48 mm	Height outer ring over wave washer
C	18 mm	Width, outer ring
C ₁	10 mm	Distance to lubrication hole
D ₁	52 mm	Rip diameter shaft washer
D ₂	40 mm	Heeldiameter wave washer long
D ₃	50 mm	Outside diameter wave washer long
B	10 mm	Width, wave washer
B ₁	25 mm	Width wave washer long
B ₂	13 mm	Width heel wave washer long
r _{min}	0,3 mm	Minimum chamfer dimension
r ₁ min	0,6 mm	Minimum chamfer dimension
d ₁	3,2 mm	Diameter lubrication hole
J	63 mm	Pitch circle diameter (holes)
n	12	Number of screwing holes
n x t	30 °	Splīt

Temperature range

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



Additional information

c _{aL}	2.200 N/μm	Rigidity axial
c _{kL}	520 Nm/mrad	Tilting stiffness
M _m	1,7 kg*cm2	Mass moment of inertia
	1 μm	Axial runout
radial	ZMA30/52	Recommended INA precision locknut for radial locking (not included)
axial	AM30	Locknut 2
M _A	32 Nm	Tightening torque nut
	10.662 N	Preload force axial
	40X52X7	Sealing ring
	M6	Screw size
n _a	12	Number of screws
na x ta	30 °	Division (screwing holes)

Właściwości

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Obciążenie promieniowe
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Obciążenie osiowe jednokierunkowe
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Obciążenie osiowe dwukierunkowe
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Smarowanie smarem
- 

Smarowanie olejem
- 

Bez uszczelnienia