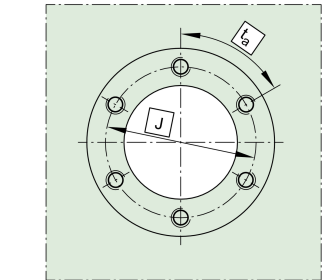
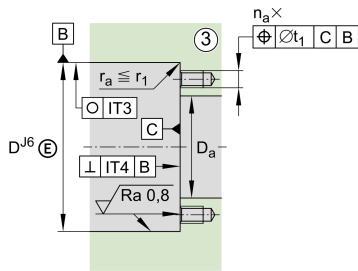
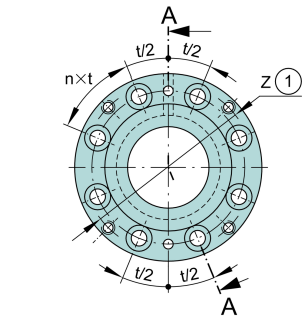
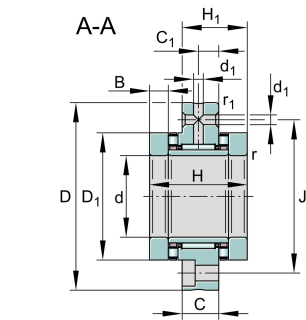


ZARF40100-TV

Needle roller/axial cylindrical roller bearing

Needle roller/axial cylindrical roller bearings
ZARF, double direction, for screw mounting

Informacje techniczne



Twoja aktualna wersja produktu

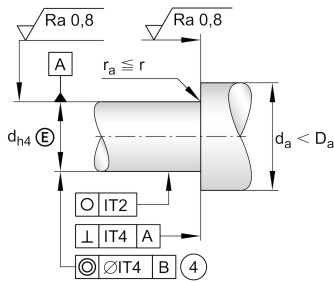
Cage	TV	Plastic Cage made from PA66
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Main Dimensions & Performance Data

d	40 mm	Bore diameter
D	100 mm	Outside diameter
H	54 mm	Hight
C _a	59.000 N	Basic dynamic load rating, axial
C _{0a}	163.000 N	Basic static load rating, axial
C _r	27.500 N	Basic dynamic load rating, radial
C _{0r}	53.000 N	Basic static load rating, radial
C _{ua}	14.200 N	Fatigue load limit, axial
C _{ur}	7.600 N	Fatigue load limit, radial
n _{G Oil}	4.400 1/min	Limiting speed for oil lubrication
n _{G Grease}	1.600 1/min	Limiting speed for grease lubrication
M _{RL}	1 Nm	Bearing friction torque
≈m	1,219 kg	Masa

Mounting dimensions

D _{a max}	66 mm	Maximum diameter of housing shoulder
d _{a min}	55 mm	Minimum diameter shaft shoulder
t ₁	0,2 mm	Position bore in the housing



Dimensions

H 1	35 mm	Height outer ring over wave washer
C	18 mm	Width, outer ring
C 1	10 mm	Distance to lubrication hole
D 1	65 mm	Rip diameter shaft washer
B	11 mm	Width inner ring
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	80 mm	Pitch circle diameter (holes)
n	8	Number of screwing holes
n x t	45 °	Split

Temperature range

T min	-30 °C	Operating temperature min.
T max	120 °C	Operating temperature max.



Additional information

c _{aL}	2.800 N/μm	Rigidity axial
c _{kL}	1.030 Nm/mrad	Tilting stiffness
M _m	3,78 kg*cm2	Mass moment of inertia
	1 μm	Axial runout
radial	ZMA40/62	Recommended INA precision locknut for radial locking (not included)
axial	AM40	Recommended INA precision locknut for axial locking (not included)
M _A	55 Nm	Tightening torque nut
	14.240 N	Required locknut force
	M8	Screw size
n _a	8	Number of screws
na x ta	45 °	Division (screwing holes)

Właściwości

- 

Obciążenie promieniowe
- 

Obciążenie osiowe jednokierunkowe
- 

Obciążenie osiowe dwukierunkowe
- 

Smarowanie smarem
- 

Smarowanie olejem
- 

Bez uszczelnienia