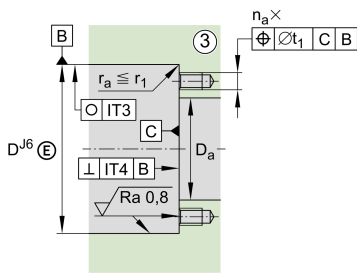
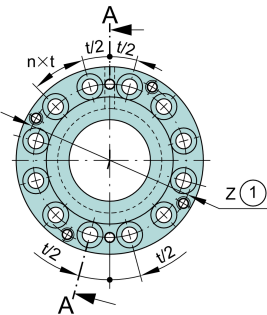
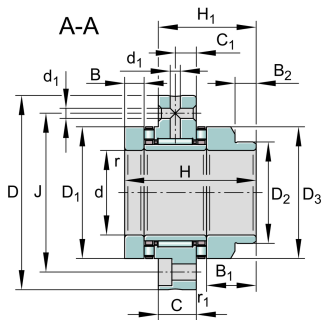


ZARF3590-L-TV

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

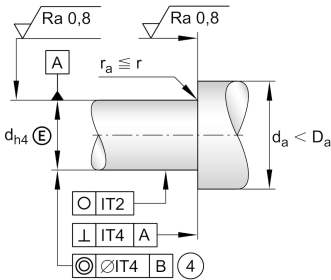


Twoja aktualna wersja produktu

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	35 mm	Bore diameter
D	90 mm	Outside diameter
H	70 mm	Hight
C _a	56.000 N	Basic dynamic load rating, axial
C _{0a}	148.000 N	Basic static load rating, axial
C _r	26.000 N	Basic dynamic load rating, radial
C _{0r}	47.000 N	Basic static load rating, radial
C _{ua}	12.900 N	Fatigue load limit, axial
C _{ur}	6.800 N	Fatigue load limit, radial
n _G Oil	4.800 1/min	Limiting speed for oil lubrication
n _G Grease	1.700 1/min	Limiting speed for grease lubrication
M _{RL}	0,9 Nm	Bearing friction torque
≈m	1,134 kg	Masa



Mounting dimensions

D _{a max}	61 mm	Maximum diameter of housing shoulder
d _{a min}	43 mm	Minimum diameter shaft shoulder
t ₁	0,1 mm	Position bore in the housing

Dimensions

H ₁	51 mm	Height outer ring over wave washer
C	18 mm	Width, outer ring
C ₁	10 mm	Distance to lubrication hole
D ₁	60 mm	Rip diameter shaft washer
D ₂	45 mm	Heeldiameter wave washer long
D ₃	58 mm	Outside diameter wave washer long
B	11 mm	Width, wave washer
B ₁	27 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	73 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}	2.600 N/μm	Rigidity axial
c _{kL}	740 Nm/mrad	Tilting stiffness
M _m	3,21 kg*cm2	Mass moment of inertia
	1 μm	Axial runout
radial	ZMA35/58	Recommended INA precision locknut for radial locking (not included)
axial	AM35/58	Locknut 2
M _A	40 Nm	Tightening torque nut
	12.143 N	Preload force axial
	45X60X8	Sealing ring
	M6	Screw size
n _a	12	Number of screws
na x ta	30 °	Division (screwing holes)

Właściwości

- 

Obciążenie promieniowe
- 

Obciążenie osiowe jednokierunkowe
- 

Obciążenie osiowe dwukierunkowe
- 

Smarowanie smarem
- 

Smarowanie olejem
- 

Bez uszczelnienia