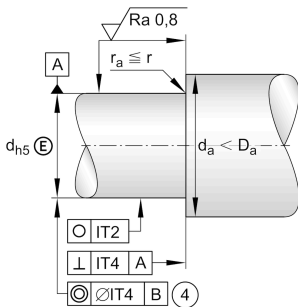
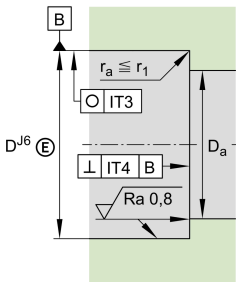
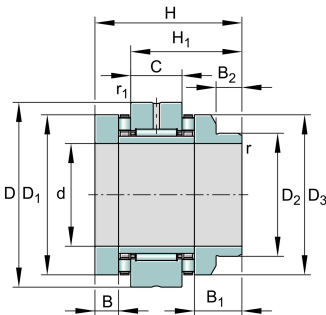


ZARN50110-L-TV

Needle roller/axial cylindrical roller bearing

Needle roller/axial cylindrical roller bearings
ZARN...-L, double direction, 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	50 mm	Bore diameter
D	110 mm	Outside diameter
H	103 mm	Hight
C _a	172.000 N	Basic dynamic load rating, axial
C _{0a}	480.000 N	Basic static load rating, axial
C _r	46.500 N	Basic dynamic load rating, radial
C _{0r}	103.000 N	Basic static load rating, radial
C _{ua}	44.500 N	Fatigue load limit, axial
C _{ur}	12.700 N	Fatigue load limit, radial
n _{G Oil}	3.100 1/min	Limiting speed for oil lubrication
n _{G Grease}	1.100 1/min	Limiting speed for grease lubrication
M _{RL}	3,8 Nm	Bearing friction torque

Mounting dimensions

D _{a max}	96 mm	Maximum diameter of housing shoulder
d _{a min}	73 mm	Minimum diameter shaft shoulder



Dimensions

H 1	74,5 mm	Height outer ring over wave washer
C	25 mm	Width, outer ring
D 1	95 mm	Rip diameter shaft washer
D 2	75 mm	Heeldiameter wave washer long
D 3	93 mm	Outside diameter wave washer long
B	17,5 mm	Width, inner ring
B 1	38,5 mm	Width wave washer long
B 2	18 mm	Width heel wave washer long
r min	0,3 mm	Minimum chamfer dimension
r 1 min	0,6 mm	Minimum chamfer dimension

Temperature range

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

Additional information

c aL	4.600 N/μm	Rigidity axial
c kL	2.900 Nm/mrad	Tilting stiffness
M m	35,3 kg*cm2	Mass moment of inertia
	1 μm	Axial runout
radial	ZMA50/92	Recommended INA precision locknut for radial locking (not included)
axial	AM50	Recommended INA precision locknut for axial locking (not included)
M A	180 Nm	Tightening torque nut
	36.224 N	Required locknut force
	75X95X10	Rotary shaft seal to DIN 3760 (not included)



Właściwości

-  Obciążenie promieniowe
-  Obciążenie osiowe jednokierunkowe
-  Obciążenie osiowe dwukierunkowe
-  Smarowanie smarem
-  Smarowanie olejem
-  Bez uszczelnienia