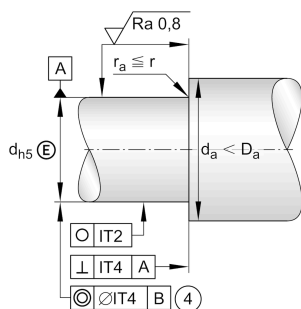
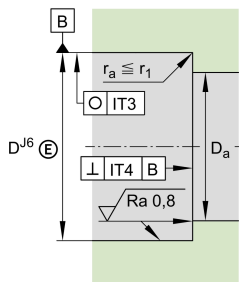
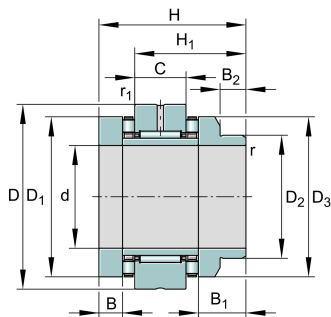
**ZARN5090-L-TV**

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	90 mm	Outside diameter
H	78 mm	Hight
C _a	90.000 N	Basic dynamic load rating, axial
C _{0a}	300.000 N	Basic static load rating, axial
C _r	40.000 N	Basic dynamic load rating, radial
C _{0r}	82.000 N	Basic static load rating, radial
C _{ua}	28.000 N	Fatigue load limit, axial
C _{ur}	11.500 N	Fatigue load limit, radial
n _{G Oil}	3.600 1/min	Limiting speed for oil lubrication
n _{G Grease}	1.200 1/min	Limiting speed for grease lubrication
M _{RL}	2,2 Nm	Bearing friction torque
≈m	1,608 kg	Masa

Mounting dimensions

D _{a max}	79 mm	Maximum diameter of housing shoulder
d _{a min}	58 mm	Minimum diameter shaft shoulder



Dimensions

H 1	60,5 mm	Height outer ring over wave washer
C	25 mm	Width, outer ring
D 1	78 mm	Rip diameter shaft washer
D 2	60 mm	Heeldiameter wave washer long
D 3	78 mm	Outside diameter wave washer long
B	11,5 mm	Width, inner ring
B 1	29,5 mm	Width wave washer long
B 2	14 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	4.800 N/μm	Rigidity axial
c kL	2.470 Nm/mrad	Tilting stiffness
M m	10,46 kg*cm2	Mass moment of inertia
	1 μm	Axial runout
radial	ZMA50/75	Recommended INA precision locknut for radial locking (not included)
axial	AM50	Recommended INA precision locknut for axial locking (not included)
M A	85 Nm	Tightening torque nut
	18.410 N	Required locknut force
	60X80X8	Rotary shaft seal to DIN 3760 (not included)



Właściwości



Obciążenie promieniowe



Obciążenie osiowe jednokierunkowe



Obciążenie osiowe dwukierunkowe



Smarowanie smarem



Smarowanie olejem



Bez uszczelnienia