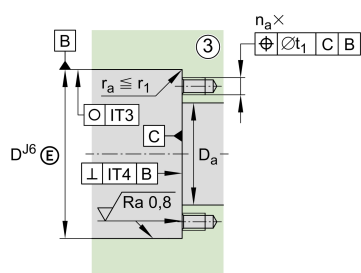
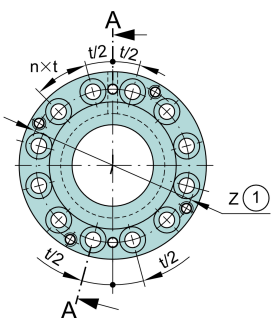
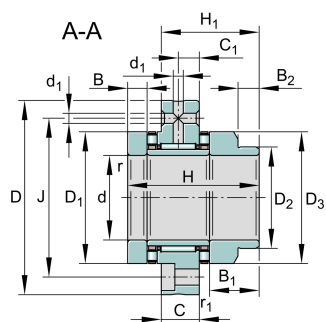
**ZARF60150-L-TV**

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

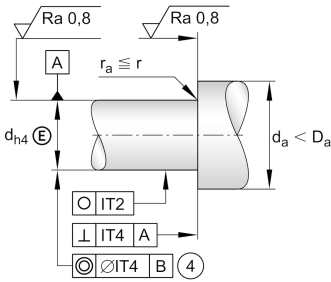


Twoja aktualna wersja produktu

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	60 mm	Bore diameter
D	150 mm	Outside diameter
H	103 mm	Hight
C _a	187.000 N	Basic dynamic load rating, axial
C _{0a}	550.000 N	Basic static load rating, axial
C _r	44.500 N	Basic dynamic load rating, radial
C _{0r}	92.000 N	Basic static load rating, radial
C _{ua}	51.000 N	Fatigue load limit, axial
C _{ur}	12.900 N	Fatigue load limit, radial
n _{G Oil}	2.700 1/min	Limiting speed for oil lubrication
n _{G Grease}	950 1/min	Limiting speed for grease lubrication
M _{RL}	4,2 Nm	Bearing friction torque
≈m	5 kg	Masa



Mounting dimensions

D _a max	106 mm	Maximum diameter of housing shoulder
d _a min	88 mm	Minimum diameter shaft shoulder
t ₁	0,2 mm	Position bore in the housing

Dimensions

H ₁	72 mm	Height outer ring over wave washer
C	22,5 mm	Width, outer ring
C ₁	12,5 mm	Distance to lubrication hole
D ₁	105 mm	Rip diameter shaft washer
D ₂	90 mm	Heeldiameter wave washer long
D ₃	105 mm	Outside diameter wave washer long
B	17,5 mm	Width, wave washer
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
d ₁	6 mm	Diameter lubrication hole
J	123 mm	Pitch circle diameter (holes)
n	12	Number of screwing holes
n x t	30 °	Split

Temperature range

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



Additional information

c_{aL}	5.300 N/ μ m	Rigidity axial
c_{kL}	4.300 Nm/mrad	Tilting stiffness
M_m	54,5 kg*cm2	Mass moment of inertia
	1 μ m	Axial runout
radial	ZMA60/98	Recommended INA precision locknut for radial locking (not included)
axial	AM60	Locknut 2
M_A	250 Nm	Tightening torque nut
	41.144 N	Preload force axial
	90X110X12	Sealing ring
	M10	Screw size
n_a	12	Number of screws
$n_a \times t_a$	30 °	Division (screwing holes)

Właściwości

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