

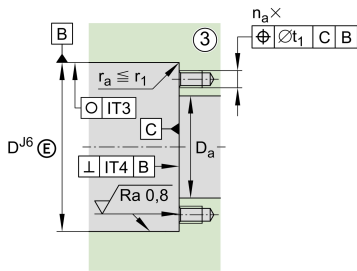
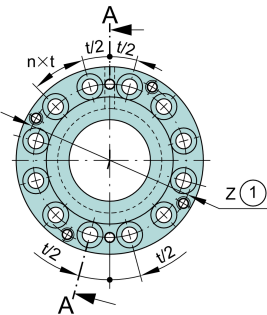
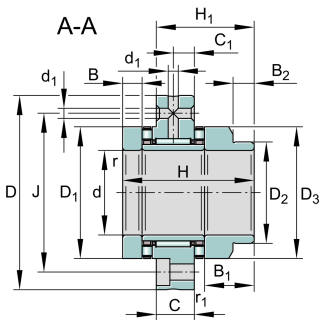


ZARF30105-L-TV

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 30 mm Bore diameter

D 105 mm Outside diameter

H 82 mm Hight

C a 107.000 N Basic dynamic load rating, axial

C 0a 265.000 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 22.900 N Fatigue load limit, axial

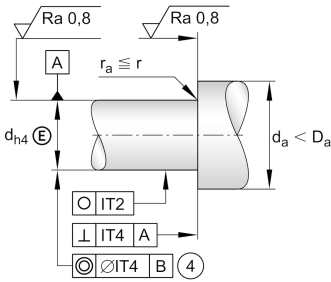
C ur 6.800 N Fatigue load limit, radial

n G Oil 4.400 1/min Limiting speed for oil lubrication

n G Grease 1.300 1/min Limiting speed for grease lubrication

M RL 2,1 Nm Bearing friction torque

≈m 1,98 kg Masa



Mounting dimensions

D a max	69 mm	Maximum diameter of housing shoulder
d a min	50 mm	Minimum diameter shaft shoulder
t 1	0,2 mm	Position bore in the housing

Dimensions

H 1	57 mm	Height outer ring over wave washer
C	18 mm	Width, outer ring
C 1	10 mm	Distance to lubrication hole
D 1	68 mm	Rip diameter shaft washer
D 2	52 mm	Heeldiameter wave washer long
D 3	66 mm	Outside diameter wave washer long
B	14 mm	Width, wave washer
B 1	30 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	85 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	20 °C	Operating temperature max.



Additional information

c _{aL}	3.300 N/μm	Rigidity axial
c _{kL}	1.100 Nm/mrad	Tilting stiffness
M _m	7,43 kg*cm2	Mass moment of inertia
	1 μm	Axial runout
radial	ZMA30/65	Recommended INA precision locknut for radial locking (not included)
axial	AM30	Locknut 2
M _A	75 Nm	Tightening torque nut
	24.287 N	Preload force axial
	52X68X8	Sealing ring
	M8	Screw size
n _a	12	Number of screws
na x ta	30 °	Division (screwing holes)

Właściwości

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Obciążenie promieniowe
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Obciążenie osiowe jednokierunkowe
- 

Obciążenie osiowe dwukierunkowe
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Smarowanie smarem
- 

Smarowanie olejem
- 

Bez uszczelnienia