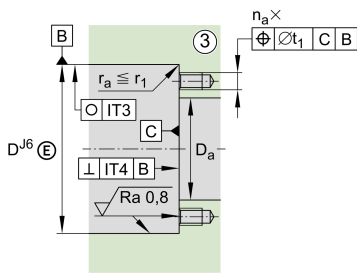
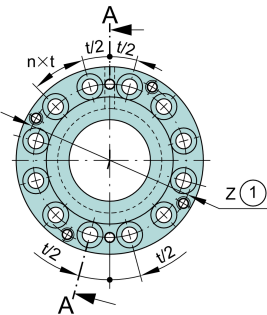
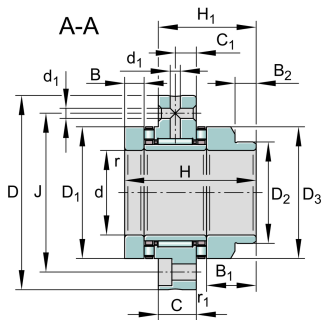


ZARF70160-L-TV

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 70 mm Bore diameter

D 160 mm Outside diameter

H 103 mm Hight

C_a 201.000 N Basic dynamic load rating, axial

C_{0a} 630.000 N Basic static load rating, axial

C_r 56.000 N Basic dynamic load rating, radial

C_{0r} 119.000 N Basic static load rating, radial

C_{ua} 58.000 N Fatigue load limit, axial

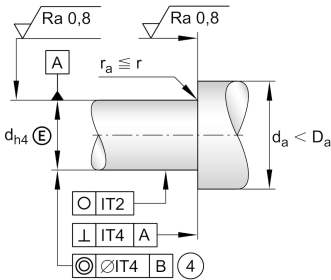
C_{ur} 16.100 N Fatigue load limit, radial

n_G Oil 2.400 1/min Limiting speed for oil lubrication

n_G Grease 800 1/min Limiting speed for grease lubrication

M_{RL} 4,8 Nm Bearing friction torque

≈m 5,6 kg Masa



Mounting dimensions

D a max	116 mm	Maximum diameter of housing shoulder
d a min	98 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	115 mm	Rip diameter shaft washer
D 2	100 mm	Heeldiameter wave washer long
D 3	115 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	133 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}	5.800 N/μm	Rigidity axial
c _{kL}	6.000 Nm/mrad	Tilting stiffness
M _m	77,3 kg*cm2	Mass moment of inertia
	1 μm	Axial runout
radial	ZMA70/110	Recommended INA precision locknut for radial locking (not included)
axial	AM70	Locknut 2
M _A	330 Nm	Tightening torque nut
	46.786 N	Preload force axial
	100X120X12	Sealing ring
	M10	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