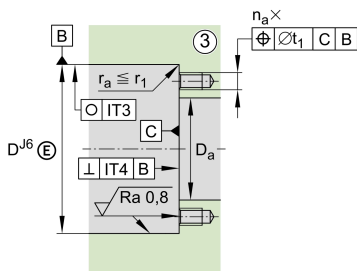
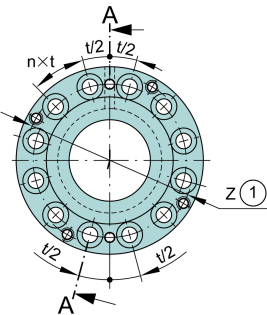
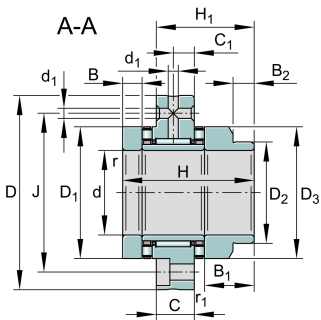


ZARF55145-L-TV

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 55 mm Bore diameter

D 145 mm Outside diameter

H 103 mm Hight

C_a 177.000 N Basic dynamic load rating, axial

C_{0a} 500.000 N Basic static load rating, axial

C_r 44.000 N Basic dynamic load rating, radial

C_{0r} 98.000 N Basic static load rating, radial

C_{ua} 46.500 N Fatigue load limit, axial

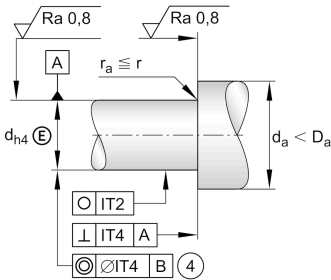
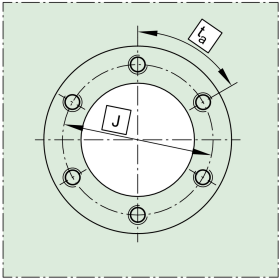
C_{ur} 13.800 N Fatigue load limit, radial

n_{G Oil} 2.900 1/min Limiting speed for oil lubrication

n_{G Grease} 1.000 1/min Limiting speed for grease lubrication

M_{RL} 4 Nm Bearing friction torque

≈m 4,519 kg Masa



Mounting dimensions

D _a max	101 mm	Maximum diameter of housing shoulder
d _a min	78 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	100 mm	Rip diameter shaft washer
D ₂	80 mm	Heeldiameter wave washer long
D ₃	98 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	118 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}	4.900 N/ μ m	Rigidity axial
c_{kL}	3.600 Nm/mrad	Tilting stiffness
M_m	43 kg*cm2	Mass moment of inertia
	1 μ m	Axial runout
radial	ZMA55/98	Recommended INA precision locknut for radial locking (not included)
axial	AM55	Locknut 2
M_A	220 Nm	Tightening torque nut
	39.807 N	Preload force axial
	80X100X10	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