

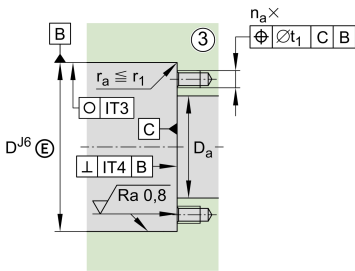
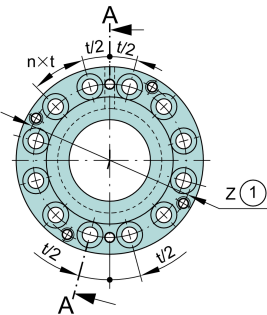
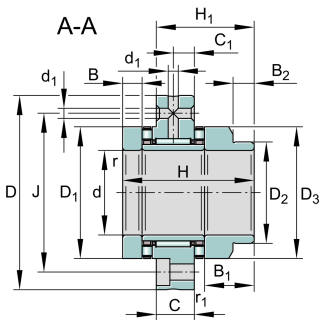


ZARF2590-L-TV

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

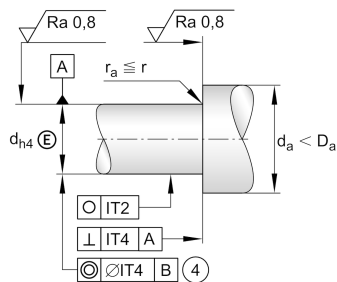
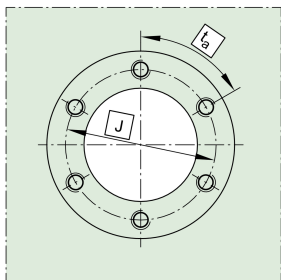


Twoja aktualna wersja produktu

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	25 mm	Bore diameter
D	90 mm	Outside diameter
H	75 mm	Hight
C a	80.000 N	Basic dynamic load rating, axial
C 0a	199.000 N	Basic static load rating, axial
C r	24.300 N	Basic dynamic load rating, radial
C 0r	41.500 N	Basic static load rating, radial
C u a	18.600 N	Fatigue load limit, axial
C u r	6.000 N	Fatigue load limit, radial
n G Oil	4.900 1/min	Limiting speed for oil lubrication
n G Grease	1.400 1/min	Limiting speed for grease lubrication
M RL	1,6 Nm	Bearing friction torque
≈m	1,506 kg	Masa



Mounting dimensions

$D_{a \max}$	63 mm	Maximum diameter of housing shoulder
$d_{a \min}$	45 mm	Minimum diameter shaft shoulder
t_1	0,1 mm	Position bore in the housing

Dimensions

H_1	53 mm	Height outer ring over wave washer
C	18 mm	Width, outer ring
C_1	10 mm	Distance to lubrication hole
D_1	62 mm	Rip diameter shaft washer
D_2	48 mm	Heeldiameter wave washer long
D_3	60 mm	Outside diameter wave washer long
B	12,5 mm	Width, wave washer
B_1	27,5 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	73 mm	Pitch circle diameter (holes)
n	12	Number of screwing holes
$n \times t$	30 °	Split

Temperature range

$T_{\min}$	-30 °C	Operating temperature min.
$T_{\max}$	120 °C	Operating temperature max.



Additional information

c _{aL}	3.000 N/μm	Rigidity axial
c _{kL}	800 Nm/mrad	Tilting stiffness
M _m	4,51 kg*cm2	Mass moment of inertia
	1 μm	Axial runout
radial	ZMA25/58	Recommended INA precision locknut for radial locking (not included)
axial	AM25	Locknut 2
M _A	55 Nm	Tightening torque nut
	20.790 N	Preload force axial
	48X62X8	Sealing ring
	M6	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
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Obciążenie osiowe dwukierunkowe
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Smarowanie smarem
- 

Smarowanie olejem
- 

Bez uszczelnienia