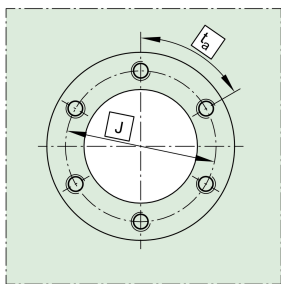
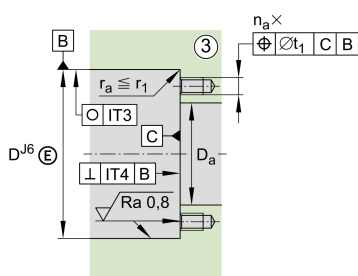
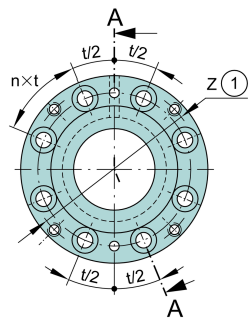
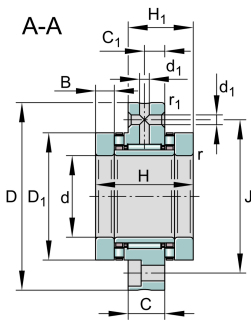


**ZARF2068-TV**

Needle roller/axial cylindrical roller bearing

Needle roller/axial cylindrical roller bearings
ZARF, double direction, for screw mounting

Technical information



Your current product variant

Cage	TV	Plastic Cage made from PA66
------	----	-----------------------------

Main Dimensions & Performance Data

d	20 mm	Bore diameter
D	68 mm	Outside diameter
H	46 mm	Height
C _a	33.500 N	Basic dynamic load rating, axial
C _{0a}	76.000 N	Basic static load rating, axial
C _r	14.900 N	Basic dynamic load rating, radial
C _{0r}	22.400 N	Basic static load rating, radial
C _{ua}	6.400 N	Fatigue load limit, axial
C _{ur}	3.400 N	Fatigue load limit, radial
n _{G Oil}	7.000 1/min	Limiting speed for oil lubrication
n _{G Grease}	2.000 1/min	Limiting speed for grease lubrication
M _{RL}	0,5 Nm	Bearing friction torque
≈m	0,495 kg	Weight

Mounting dimensions

D _{a max}	43 mm	Maximum diameter of housing shoulder
d _{a min}	33 mm	Minimum diameter shaft shoulder
t ₁	0,1 mm	Position bore in the housing



Dimensions

H ₁	29 mm	Height outer ring over wave washer
C	14 mm	Width, outer ring
C ₁	8 mm	Distance to lubrication hole
D ₁	42 mm	Rip diameter shaft washer
B	10 mm	Width inner ring
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	53 mm	Pitch circle diameter (holes)
n	8	Number of screwing holes
n x t	45 °	Split

Temperature range







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



Additional information

c_{aL}	1.800 N/ μ m	Rigidity axial
c_{kL}	230 Nm/mrad	Tilting stiffness
M_m	0,615 kg*cm ²	Mass moment of inertia
	1 μ m	Axial runout
radial	ZMA20/38	Recommended INA precision locknut for radial locking (not included)
axial	AM20	Recommended INA precision locknut for axial locking (not included)
M_A	18 Nm	Tightening torque nut
	8.972 N	Required locknut force
	M6	Screw size
n_a	8	Number of screws
na x ta	45 °	Division (screwing holes)

Characteristics

-  Radial load
-  Axial load in one direction
-  Axial load in two directions
-  Grease Lubrication
-  Oil Lubrication
-  Not sealed