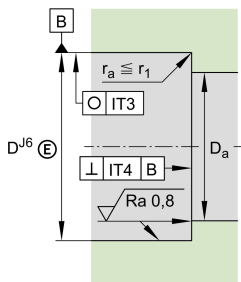
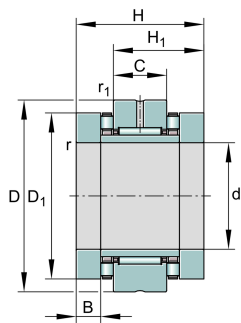


**ZARN75155-TV**

Needle roller/axial cylindrical roller bearing

Needle roller/axial cylindrical roller bearings  
ZARN, double direction

## Technical information



## Your current product variant

Cage	TV	Plastic Cage made from PA66
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## Main Dimensions &amp; Performance Data

d	75 mm	Bore diameter
D	155 mm	Outside diameter
H	100 mm	Hight
C <sub>a</sub>	290.000 N	Basic dynamic load rating, axial
C <sub>0a</sub>	890.000 N	Basic static load rating, axial
C <sub>r</sub>	81.000 N	Basic dynamic load rating, radial
C <sub>0r</sub>	132.000 N	Basic static load rating, radial
C <sub>ua</sub>	85.000 N	Fatigue load limit, axial
C <sub>ur</sub>	19.100 N	Fatigue load limit, radial
n <sub>G Oil</sub>	2.100 1/min	Limiting speed for oil lubrication
n <sub>G Grease</sub>	700 1/min	Limiting speed for grease lubrication
M <sub>RL</sub>	8 Nm	Bearing friction torque
≈m	7,666 kg	Weight

## Mounting dimensions

D <sub>a max</sub>	136 mm	Maximum diameter of housing shoulder
d <sub>a min</sub>	113 mm	Minimum diameter shaft shoulder



## Dimensions

H <sub>1</sub>	65 mm	Height outer ring over wave washer
C	30 mm	Width, outer ring
D <sub>1</sub>	135 mm	Rip diameter shaft washer
B	21 mm	Width, inner ring
r <sub>min</sub>	0,3 mm	Minimum chamfer dimension
r <sub>1 min</sub>	1 mm	Minimum chamfer dimension

## Temperature range

T <sub>min</sub>	-30 °C	Operating temperature min.
T <sub>max</sub>	120 °C	Operating temperature max.

## Additional information

c <sub>aL</sub>	6.600 N/μm	Rigidity axial
c <sub>kL</sub>	8.500 Nm/mrad	Tilting stiffness
M <sub>m</sub>	149 kg*cm <sup>2</sup>	Mass moment of inertia
	2 μm	Axial runout
radial	ZMA75/125	Recommended INA precision locknut for radial locking (not included)
axial	AM75	Recommended INA precision locknut for axial locking (not included)
M <sub>A</sub>	580 Nm	Tightening torque nut
	72.971 N	Preload force axial



### Characteristics

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Radial load



Axial load in one direction



Axial load in two directions



Grease Lubrication



Oil Lubrication



Not sealed