

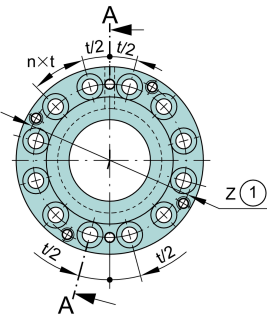


## ZARF40115-L-TV

Needle roller/axial cylindrical roller bearing

Needle roller/axial cylindrical roller bearings  
ZARF..-L, double direction, for screw  
mounting, long shaft locating washer

### Technical information



### Your current product variant

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	40 mm	Bore diameter
D	115 mm	Outside diameter
H	93 mm	Hight
C <sub>a</sub>	117.000 N	Basic dynamic load rating, axial
C <sub>0a</sub>	315.000 N	Basic static load rating, axial
C <sub>r</sub>	38.000 N	Basic dynamic load rating, radial
C <sub>0r</sub>	74.000 N	Basic static load rating, radial
C <sub>ua</sub>	27.000 N	Fatigue load limit, axial
C <sub>ur</sub>	10.400 N	Fatigue load limit, radial
n <sub>G Oil</sub>	3.700 1/min	Limiting speed for oil lubrication
n <sub>G Grease</sub>	1.200 1/min	Limiting speed for grease lubrication
M <sub>RL</sub>	2,5 Nm	Bearing friction torque
≈m	2,761 kg	Weight











### Additional information

$c_{aL}$	3.800 N/ $\mu$ m	Rigidity axial
$c_{kL}$	1.800 Nm/mrad	Tilting stiffness
$M_m$	15,5 kg*cm <sup>2</sup>	Mass moment of inertia
	1 $\mu$ m	Axial runout
radial	ZMA40/75	Recommended INA precision locknut for radial locking (not included)
axial	AM40	Locknut 2
$M_A$	120 Nm	Tightening torque nut
	29.834 N	Preload force axial
	60X80X8	Sealing ring
	M8	Screw size
$n_a$	12	Number of screws
$n_a \times t_a$	30 °	Division (screwing holes)

### Characteristics

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