

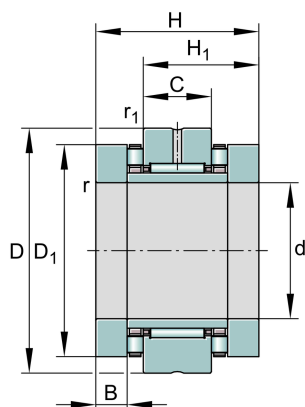
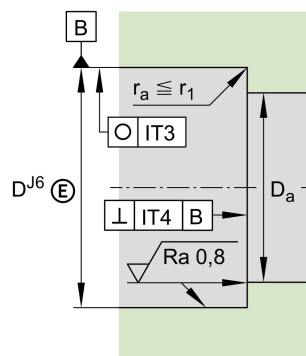
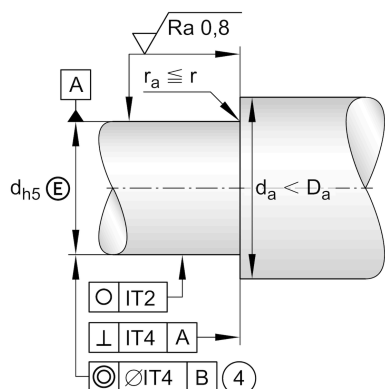
## ZARN3062-TV

Axial/radial bearing

Schaeffler ID:  
0016822020000

Needle roller/axial cylindrical roller bearings ZARN, double direction

### Technical information



### Main Dimensions & Performance Data

d	30 mm	Bore diameter
D	62 mm	Outside diameter
H	50 mm	Height
C <sub>a</sub>	39,000 N	Basic dynamic load rating, axial
C <sub>0a</sub>	101,000 N	Basic static load rating, axial
C <sub>r</sub>	24,300 N	Basic dynamic load rating, radial
C <sub>0r</sub>	41,500 N	Basic static load rating, radial
C <sub>ua</sub>	8,500 N	Fatigue load limit, axial
C <sub>ur</sub>	6,000 N	Fatigue load limit, radial
n <sub>G Oil</sub>	5,500 1/min	Limiting speed for oil lubrication
n <sub>G Grease</sub>	1,800 1/min	Limiting speed for grease lubrication
M <sub>RL</sub>	0.65 Nm	Bearing friction torque
	0.601 kg	Weight

### Dimensions

H <sub>1</sub>	35 mm	Height outer ring over wave washer
c <sub>aL</sub>	2,200 N/μm	Rigidity axial
c <sub>kL</sub>	520 Nm/mrad	Tilting stiffness
C	20 mm	Width, outer ring
M <sub>m</sub>	1.46 kg * cm <sup>2</sup>	Mass moment of inertia
	1 μm	Axial runout
D <sub>1</sub>	52 mm	Rip diameter shaft washer
radial	ZMA30/52	Locknut 1
axial	AM30	Locknut 2
M <sub>A</sub>	32 Nm	Tightening torque nut
B	10 mm	Width, inner ring
	10,662 N	Preload force axial
r <sub>min</sub>	0.3 mm	Minimum chamfer dimension
r <sub>1 min</sub>	0.6 mm	Minimum chamfer dimension

**Mounting dimensions**

$D_{a \max}$	53 mm	Maximum diameter of housing shoulder
$d_{a \min}$	44 mm	Minimum diameter shaft shoulder