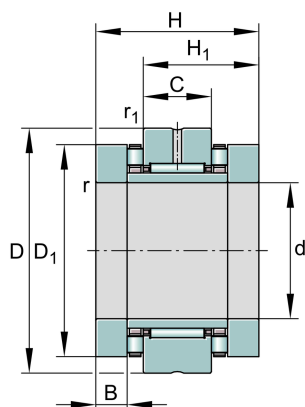
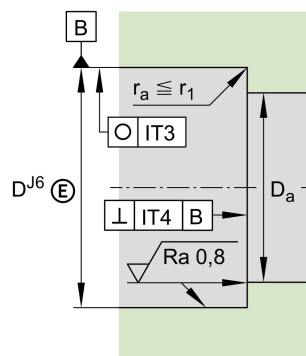
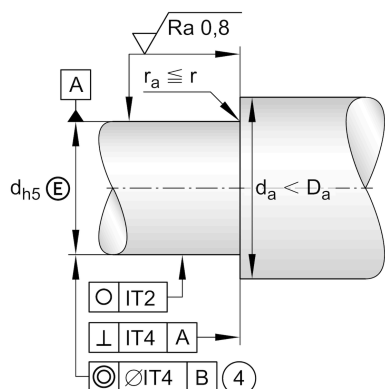
**ZARN2557-TV**

Axial/radial bearing

Schaeffler ID:
0016821210000Needle roller/axial cylindrical roller
bearings ZARN, double direction

Technical information

**Main Dimensions & Performance Data**

d	25 mm	Bore diameter
D	57 mm	Outside diameter
H	50 mm	Height
C _a	35,500 N	Basic dynamic load rating, axial
C _{0a}	86,000 N	Basic static load rating, axial
C _r	22,600 N	Basic dynamic load rating, radial
C _{0r}	36,000 N	Basic static load rating, radial
C _{ua}	7,300 N	Fatigue load limit, axial
C _{ur}	5,200 N	Fatigue load limit, radial
n _{G Oil}	6,000 1/min	Limiting speed for oil lubrication
n _{G Grease}	1,900 1/min	Limiting speed for grease lubrication
M _{RL}	0.55 Nm	Bearing friction torque
	0.565 kg	Weight

Dimensions

H ₁	35 mm	Height outer ring over wave washer
c _{aL}	1,900 N/μm	Rigidity axial
c _{kL}	350 Nm/mrad	Tilting stiffness
C	20 mm	Width, outer ring
M _m	0.989 kg * cm ²	Mass moment of inertia
	1 μm	Axial runout
D ₁	47 mm	Rip diameter shaft washer
radial	ZMA25/45	Locknut 1
axial	AM25	Locknut 2
M _A	25 Nm	Tightening torque nut
B	10 mm	Width, inner ring
	9,745 N	Preload force axial
r _{min}	0.3 mm	Minimum chamfer dimension
r _{1 min}	0.6 mm	Minimum chamfer dimension

Mounting dimensions

$D_{a \max}$	48 mm	Maximum diameter of housing shoulder
$d_{a \min}$	39 mm	Minimum diameter shaft shoulder