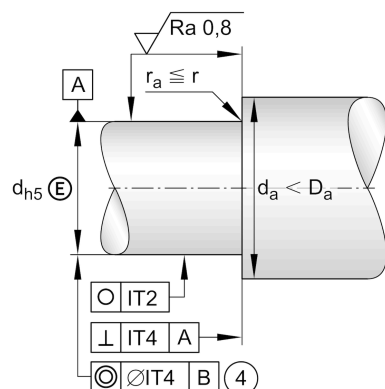
**ZARN2557-L-TV**

Axial/radial bearing

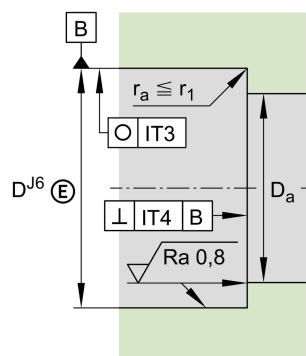
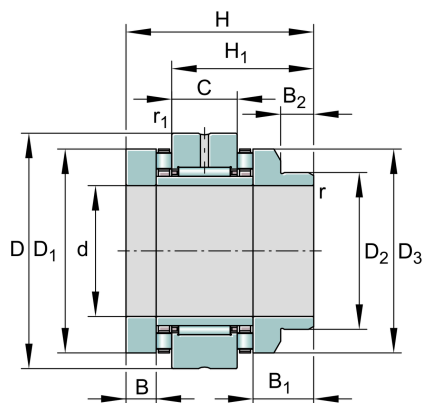
Schaeffler ID:  
0016821480000

Needle roller/axial cylindrical roller bearings ZARN..-L, double direction, long shaft locating washer

## Technical information

**Main Dimensions & Performance Data**

d	25 mm	Bore diameter
D	57 mm	Outside diameter
H	65 mm	Height
C <sub>a</sub>	35,500 N	Basic dynamic load rating, axial
C <sub>0a</sub>	86,000 N	Basic static load rating, axial
C <sub>r</sub>	22,600 N	Basic dynamic load rating, radial
C <sub>0r</sub>	36,000 N	Basic static load rating, radial
C <sub>ua</sub>	7,300 N	Fatigue load limit, axial
C <sub>ur</sub>	5,200 N	Fatigue load limit, radial
n <sub>G Oil</sub>	6,000 1/min	Limiting speed for oil lubrication
n <sub>G Grease</sub>	1,900 1/min	Limiting speed for grease lubrication
M <sub>RL</sub>	0.55 Nm	Bearing friction torque
	0.592 kg	Weight



### Dimensions

$H_1$	50 mm	Height outer ring over wave washer
$c_{aL}$	1,900 N/ $\mu$ m	Rigidity axial
$c_{kL}$	350 Nm/mrad	Tilting stiffness
$C$	20 mm	Width, outer ring
$M_m$	1.15 kg * cm <sup>2</sup>	Mass moment of inertia
	1 $\mu$ m	Axial runout
$D_1$	47 mm	Rip diameter shaft washer
$D_2$	36 mm	Heeldiameter wave washer long
radial	ZMA25/45	Locknut 1
axial	AM25	Locknut 2
$D_3$	45 mm	Outside diameter wave washer long
$M_A$	25 Nm	Tightening torque nut
$B$	10 mm	Width, inner ring
	9,745 N	Preload force axial
$B_1$	25 mm	Width wave washer long
	36X47X7	Sealing ring
$B_2$	12 mm	Width heel wave washer long
$r_{min}$	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
$d_{a min}$	34 mm	Minimum diameter shaft shoulder