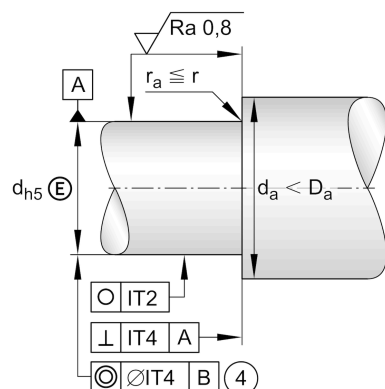
**ZARN3570-L-TV**

Axial/radial bearing

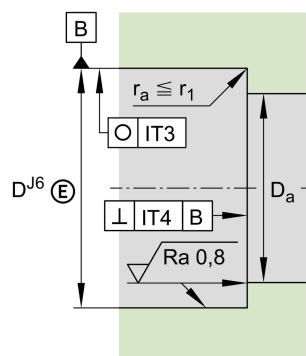
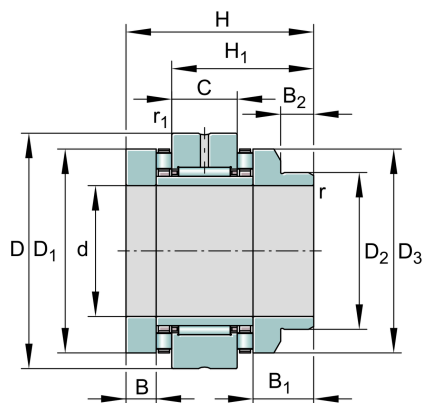
Schaeffler ID:
0016823930000

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

Technical information

**Main Dimensions & Performance Data**

d	35 mm	Bore diameter
D	70 mm	Outside diameter
H	70 mm	Height
C _a	56,000 N	Basic dynamic load rating, axial
C _{0a}	148,000 N	Basic static load rating, axial
C _r	26,000 N	Basic dynamic load rating, radial
C _{0r}	47,000 N	Basic static load rating, radial
C _{ua}	12,900 N	Fatigue load limit, axial
C _{ur}	6,800 N	Fatigue load limit, radial
n _{G Oil}	4,800 1/min	Limiting speed for oil lubrication
n _{G Grease}	1,700 1/min	Limiting speed for grease lubrication
M _{RL}	0.9 Nm	Bearing friction torque
	0.949 kg	Weight



Dimensions

H_1	53 mm	Height outer ring over wave washer
c_{aL}	2,600 N/ μ m	Rigidity axial
c_{kL}	740 Nm/mrad	Tilting stiffness
C	20 mm	Width, outer ring
M_m	3.21 kg * cm ²	Mass moment of inertia
	1 μ m	Axial runout
D_1	60 mm	Rip diameter shaft washer
D_2	45 mm	Heeldiameter wave washer long
radial	ZMA35/58	Locknut 1
axial	AM35/58	Locknut 2
D_3	58 mm	Outside diameter wave washer long
M_A	40 Nm	Tightening torque nut
B	11 mm	Width, inner ring
	12,143 N	Preload force axial
B_1	27 mm	Width wave washer long
	45X60X8	Sealing ring
B_2	13 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

$D_{a max}$	61 mm	Maximum diameter of housing shoulder
$d_{a min}$	43 mm	Minimum diameter shaft shoulder