

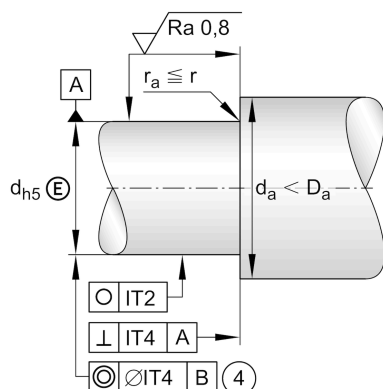
ZARN2572-L-TV

Axial/radial bearing

Schaeffler ID:
0016827250000

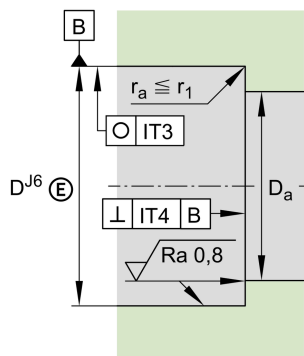
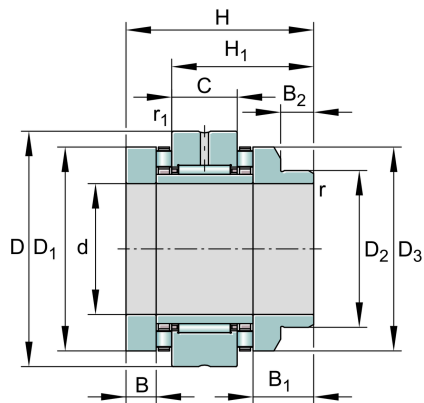
Needle roller/axial cylindrical roller bearings ZARN..-L, double direction, long shaft locating washer

Technical information



Main Dimensions & Performance Data

d	25 mm	Bore diameter
D	72 mm	Outside diameter
H	75 mm	Height
C _a	80,000 N	Basic dynamic load rating, axial
C _{0a}	199,000 N	Basic static load rating, axial
C _r	24,300 N	Basic dynamic load rating, radial
C _{0r}	41,500 N	Basic static load rating, radial
C _{ua}	18,600 N	Fatigue load limit, axial
C _{ur}	6,000 N	Fatigue load limit, radial
n _{G Oil}	4,900 1/min	Limiting speed for oil lubrication
n _{G Grease}	1,400 1/min	Limiting speed for grease lubrication
M _{RL}	1.6 Nm	Bearing friction torque
	1.315 kg	Weight



Dimensions

H_1	55 mm	Height outer ring over wave washer
c_{aL}	3,000 N/ μm	Rigidity axial
c_{kL}	800 Nm/mrad	Tilting stiffness
C	20 mm	Width, outer ring
M_m	4.51 kg * cm^2	Mass moment of inertia
	1 μm	Axial runout
D_1	62 mm	Rip diameter shaft washer
D_2	48 mm	Heeldiameter wave washer long
radial	ZMA25/58	Locknut 1
axial	AM25	Locknut 2
D_3	60 mm	Outside diameter wave washer long
M_A	55 Nm	Tightening torque nut
B	12.5 mm	Width, inner ring
	20,790 N	Preload force axial
B_1	27.5 mm	Width wave washer long
	48X62X8	Sealing ring
B_2	13 mm	Width heel wave washer long
r_{min}	0.3 mm	Minimum chamfer dimension
$r_{1 \text{ min}}$	0.6 mm	Minimum chamfer dimension

Mounting dimensions

$D_{a \text{ max}}$	63 mm	Maximum diameter of housing shoulder
$d_{a \text{ min}}$	45 mm	Minimum diameter shaft shoulder