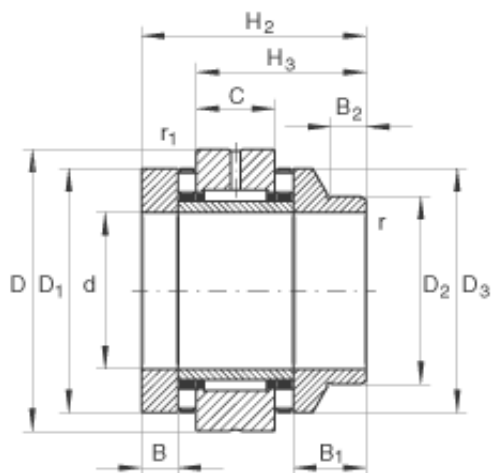




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15 mm x 45 mm x 7,5 mm 15 mm x 45 mm x 7,5 mm INA ZARN1545-L-TV complex bearings



Bearing No. ZARN1545-L-TV

Size	15x45x53 mm
Bore Diameter	15 mm
Outer Diameter	45 mm
Width	53 mm
d	15 mm
D	45 mm
H ₂	53 mm
B	7,5 mm
B ₁	20,5 mm
B ₂	11 mm
C	16 mm
D ₁	35 mm
D ₂	24 mm
D ₃	34 mm
D _{a max}	36 mm
d _{a min}	22 mm
H ₃	41 mm
r _{1 min}	0,6 mm
r _{min}	0,3 mm
m	0,37 kg / Weight
C _a	24900 N / Dynamic load rating (axial)
C _{0a}	53000 N / Static load rating (axial)

ZARN1545-L-TV Bearing 2D drawings and 3D CAD models



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C_r	13000 N / Dynamic load rating (radial)
C_{0r}	17500 N / Static load rating (radial)
$n_{G\text{OI}}$	8500 1/min / Limiting speed for oil lubrication (valid only with adequate oil cooling)
$n_{G\text{Fett}}$	2200 1/min / Limiting speed for grease lubrication
M_{RL}	0,35 Nm / Bearing frictional torque
C_{aL}	1400 N/ μm / Axial rigidity
C_{kL}	110 Nm/mrad / Tilting rigidity
M_m	0,274 kg x cm ² / Mass moment of inertia for rotating inner ring
	1 μm / Axial runout (The axial runout data for screw drive bearing arrangements are based on the rotating inner ring)
	ZMA15/33 / Designation of recommended INA locknut