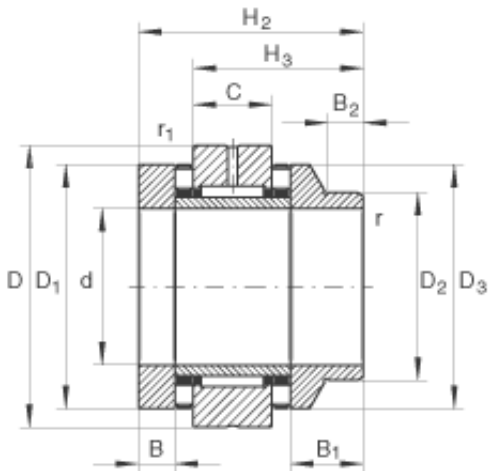




Timken Bearing Company

17 mm x 47 mm x 9 mm INA ZARN1747-L-TV Compound bearing

Bearing No. ZARN1747-L-TV



ZARN1747-L-TV Bearing 2D drawings and 3D CAD models

Size	17x47x57 mm
Bore Diameter	17 mm
Outer Diameter	47 mm
Width	57 mm
d	17 mm
D	47 mm
H ₂	57 mm
B	9 mm
B ₁	23 mm
B ₂	11 mm
C	16 mm
D ₁	38 mm
D ₂	28 mm
D ₃	38 mm
D _{a max}	39 mm
d _{a min}	26 mm
H ₃	43,5 mm
r _{1 min}	0,6 mm
r _{min}	0,3 mm
m	0,41 kg / Weight
C _a	26000 N / Dynamic load rating (axial)
C _{0a}	57000 N / Static load rating (axial)



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C_r	14000 N / Dynamic load rating (radial)
C_{0r}	19900 N / Static load rating (radial)
$n_{G\text{OI}}$	7800 1/min / Limiting speed for oil lubrication (valid only with adequate oil cooling)
$n_{G\text{Fett}}$	2100 1/min / Limiting speed for grease lubrication
M_{RL}	0,4 Nm / Bearing frictional torque
C_{aL}	1600 N/ μm / Axial rigidity
C_{kL}	160 Nm/mrad / Tilting rigidity
M_m	0,464 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)
	ZM17 / Designation of recommended INA locknut