

ZARN45105-L-TV INA

45x105x103mm C0r 82000 N /

Static load rating (radial)

Complex bearings

Bearing number	ZARN45105-L-TV
Size (mm)	45x105x103
Brand	INA
Bore Diameter (mm)	45
Outer Diameter (mm)	105
Width (mm)	103
d	45 mm
D	105 mm
H ₂	103 mm
B	17.5 mm
B ₁	38.5 mm
B ₂	14 mm
C	25 mm
D ₁	90 mm
D ₂	70 mm
D ₃	88 mm
D _{a max}	91 mm
d _{a min}	68 mm
H ₃	74.5 mm
r _{1 min}	0.6 mm

r_{\min}	0.3 mm
m	3.42 kg / Weight
C_a	154000 N / Dynamic load rating (axial)
$C_{\theta a}$	405000 N / Static load rating (axial)
C_r	40000 N / Dynamic load rating (radial)
$C_{\theta r}$	82000 N / Static load rating (radial)
$n_{G_{ol}}$	3300 1/min / Limiting speed for oil lubrication (valid only with adequate oil cooling)
$n_{G_{Fett}}$	1150 1/min / Limiting speed for grease lubrication
M_{RL}	3.5 Nm / Bearing frictional torque
C_{aL}	4000 N/ μ m / Axial rigidity
C_{kL}	2100 Nm/mrad / Tilting rigidity
M_m	28.1 kg x cm ² / Mass moment of inertia for rotating inner ring
	1 μ m / Axial runout (The axial runout data for screw drive bearing arrangements are based on the rotating inner ring)
	ZMA45/85 / Designation of recommended INA locknut
Category	Ball Bearings
BDI Inventory	0.0
Manufacturer Name	SCHAEFFLER GROUP
Minimum Buy Quantity	N/A
Weight / Kilogram	4.095
EAN	4012802439991
Product Group – BDI	B00234