

ZARN60120-L-TV INA

60x120x103mm Mm 54.5 kg x

cm² / Mass moment of inertia

for rotating inner ring

Complex bearings

Bearing number	ZARN60120-L-TV
Size (mm)	60x120x103
Brand	INA
Bore Diameter (mm)	60
Outer Diameter (mm)	120
Width (mm)	103
d	60 mm
D	120 mm
H ₂	103 mm
B	17.5 mm
B ₁	38.5 mm
B ₂	16 mm
C	25 mm
D ₁	105 mm
D ₂	90 mm
D ₃	105 mm
D _{a max}	106 mm
d _{a min}	88 mm
H ₃	74.5 mm

$r_{1 \min}$	0.6 mm
r_{\min}	0.3 mm
m	4.85 kg / Weight
C_a	187000 N / Dynamic load rating (axial)
C_{0a}	550000 N / Static load rating (axial)
C_r	44500 N / Dynamic load rating (radial)
C_{0r}	92000 N / Static load rating (radial)
$n_{G \text{ oil}}$	2700 1/min / Limiting speed for oil lubrication (valid only with adequate oil cooling)
$n_{G \text{ Fett}}$	950 1/min / Limiting speed for grease lubrication
M_{RL}	4.2 Nm / Bearing frictional torque
C_{aL}	5300 N/ μ m / Axial rigidity
C_{kL}	4300 Nm/mrad / Tilting rigidity
M_m	54.5 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)
	ZMA60/98 / Designation of recommended INA locknut
Category	Ball Bearings
BDI Inventory	0.0
Manufacturer Name	SCHAEFFLER GROUP
Minimum Buy Quantity	N/A
Weight / Kilogram	5.808
EAN	4012802078466

Product Group – BDI

B00234