

ZARN50110-TV INA 50x110x82mm

Minimum Buy Quantity N/A

Complex bearings

Bearing number	ZARN50110-TV
Size (mm)	50x110x82
Brand	INA
Bore Diameter (mm)	50
Outer Diameter (mm)	110
Width (mm)	82
d	50 mm
D	110 mm
H	82 mm
B	17.5 mm
C	25 mm
D ₁	95 mm
D _{a max}	96 mm
d _{a min}	75 mm
H ₁	53.5 mm
r _{1 min}	0.6 mm
r _{min}	0.3 mm
m	3.3 kg / Weight
C _a	172000 N / Dynamic load rating (axial)
C _{0a}	480000 N / Static load rating (axial)
C _r	42000 N / Dynamic load rating (radial)
C _{0r}	90000 N / Static load rating (radial)

$n_{G_{oil}}$	3100 1/min / Limiting speed for oil lubrication (valid only with adequate oil cooling)
$n_{G_{Fett}}$	1100 1/min / Limiting speed for grease lubrication
M_{RL}	3.8 Nm / Bearing frictional torque
C_{aL}	4600 N/ μ m / Axial rigidity
C_{kL}	2900 Nm/mrad / Tilting rigidity
M_m	29.8 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)
	ZMA50/92 / Designation of recommended INA locknut
	AM50 / Designation of recommended INA locknut
M_A	180 Nm / Tightening torque (Only valid in conjunction with INA precision locknuts)
Category	Ball Bearings
BDI Inventory	0.0
Manufacturer Name	SCHAEFFLER GROUP
Minimum Buy Quantity	N/A
Weight / Kilogram	3.952
EAN	4012802443226
Product Group – BDI	B00234