

ZARN90180-TV INA Mm 312 kg x cm² / Mass moment of inertia for rotating inner ring 90x180x110mm Complex bearings

Bearing number	ZARN90180-TV
Size (mm)	90x180x110
Brand	INA
Bore Diameter (mm)	90
Outer Diameter (mm)	180
Width (mm)	110
d	90 mm
D	180 mm
H	110 mm
B	22.5 mm
C	35 mm
D ₁	160 mm
D _{a max}	161 mm
d _{a min}	130 mm
H ₁	72.5 mm
r _{1 min}	1 mm
r _{min}	0.3 mm
m	11.8 kg / Weight
C _a	325000 N / Dynamic load rating (axial)
C _{0a}	1030000 N / Static load rating (axial)
C _r	98000 N / Dynamic load rating (radial)

C_{0r}	210000 N / Static load rating (radial)
$n_{G\ oil}$	1800 1/min / Limiting speed for oil lubrication (valid only with adequate oil cooling)
$n_{G\ Fett}$	700 1/min / Limiting speed for grease lubrication
M_{RL}	10.5 Nm / Bearing frictional torque
C_{aL}	7700 N/ μ m / Axial rigidity
C_{kL}	14500 Nm/mrad / Tilting rigidity
M_m	312 kg x cm ² / Mass moment of inertia for rotating inner ring
	2 μ m / Axial runout (The axial runout data for screw drive bearing arrangements are based on the rotating inner ring)
	ZMA90/155 / Designation of recommended INA locknut
	AM90 / Designation of recommended INA locknut
M_A	960 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	14.13
EAN	4012802416107
Product Group – BDI	B00234