



Bearing No. ZARN90180-TV

	AM90 / Designation of recommended INA locknut
m	11,8 kg / Weight
d	90 mm
D	180 mm
H	110 mm
B	22,5 mm
C	35 mm
Category	Ball Bearings
Inventory	0.0
Size (mm)	90x180x110
Width (mm)	110
Product Group	B00234
M_A	960 Nm / Tightening torque (Only valid in conjunction with INA precision locknuts)
M_m	312 kg x cm ² / Mass moment of inertia for rotating inner ring
C_r	98000 N / Dynamic load rating (radial)
C_a	325000 N / Dynamic load rating (axial)
D_1	160 mm
H_1	72,5 mm
Bearing number	ZARN90180-TV
M_{RL}	10,5 Nm / Bearing frictional torque
C_{aL}	7700 N/ μ m / Axial rigidity
C_{kL}	14500 Nm/mrad / Tilting

	rigidity
C_{0a}	1030000 N / Static load rating (axial)
C_{0r}	210000 N / Static load rating (radial)
r_{min}	0,3 mm
$n_{G\ Oil}$	1800 1/min / Limiting speed for oil lubrication (valid only with adequate oil cooling)
$r_{1\ min}$	1 mm
$d_{a\ min}$	130 mm
$D_{a\ max}$	161 mm
Manufacturer Name	SCHAEFFLER GROUP
Weight / Kilogram	14.13
$n_{G\ Fett}$	700 1/min / Limiting speed for grease lubrication
Bore Diameter (mm)	90
Outer Diameter (mm)	180
Minimum Buy Quantity	N/A