



Bearing No. ZARN90180-L-TV

	ZMA90/155 / Designation of recommended INA locknut
d	90 mm
D	180 mm
B	22,5 mm
m	13,2 kg / Weight
C	35 mm
Category	Ball Bearings
Inventory	0.0
Size (mm)	90x180x135
Width (mm)	135
Product Group	B00234
C _a	325000 N / Dynamic load rating (axial)
H ₃	97,5 mm
M _m	372 kg x cm ² / Mass moment of inertia for rotating inner ring
D ₁	160 mm
D ₃	158 mm
D ₂	130 mm
B ₂	16 mm
B ₁	47,5 mm
H ₂	135 mm
C _r	98000 N / Dynamic load rating (radial)
M _{RL}	10,5 Nm / Bearing frictional torque
C _{kL}	14500 Nm/mrad / Tilting rigidity

C_{aL}	7700 N/μm / Axial rigidity
Bearing number	ZARN90180-L-TV
C_{Or}	210000 N / Static load rating (radial)
C_{Oa}	1030000 N / Static load rating (axial)
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
$d_{a\ min}$	125 mm
$D_{a\ max}$	161 mm
Manufacturer Name	SCHAEFFLER GROUP
Weight / Kilogram	15.807
$n_{G\ Fett}$	700 1/min / Limiting speed for grease lubrication
Bore Diameter (mm)	90
Outer Diameter (mm)	180
Minimum Buy Quantity	N/A