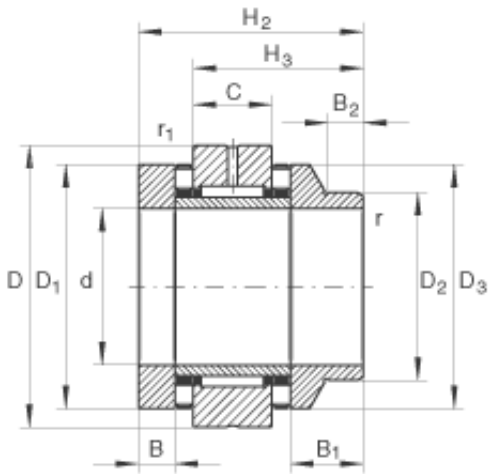




NTN BEARING MFG.CORP.



90 mm x 180 mm x 22,5 mm INA ZARN90180-L-TV Complex Bearing Unit

Bearing No. ZARN90180-L-TV

ZARN90180-L-TV Bearing 2D drawings and 3D CAD models

Size	90x180x135 mm
Bore Diameter	90 mm
Outer Diameter	180 mm
Width	135 mm
d	90 mm
D	180 mm
H ₂	135 mm
B	22,5 mm
B ₁	47,5 mm
B ₂	16 mm
C	35 mm
D ₁	160 mm
D ₂	130 mm
D ₃	158 mm
D _{a max}	161 mm
d _{a min}	125 mm
H ₃	97,5 mm
r _{1 min}	1 mm
r _{min}	0,3 mm
m	13,2 kg / Weight
C _a	325000 N / Dynamic load rating (axial)
C _{0a}	1030000 N / Static load rating (axial)



NTN BEARING MFG.CORP.

C_r	98000 N / Dynamic load rating (radial)
C_{0r}	210000 N / Static load rating (radial)
$n_{G\text{OI}}$	1800 1/min / Limiting speed for oil lubrication (valid only with adequate oil cooling)
$n_{G\text{Fett}}$	700 1/min / Limiting speed for grease lubrication
M_{RL}	10,5 Nm / Bearing frictional torque
C_{aL}	7700 N/ μm / Axial rigidity
C_{kL}	14500 Nm/mrad / Tilting rigidity
M_m	372 kg x cm ² / Mass moment of inertia for rotating inner ring
	2 μm / 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
Category	Ball Bearings
Inventory	0.0
Manufacturer Name	SCHAEFFLER GROUP
Minimum Buy Quantity	N/A
Weight / Kilogram	15.807
EAN	4047643181938
Product Group	B00234