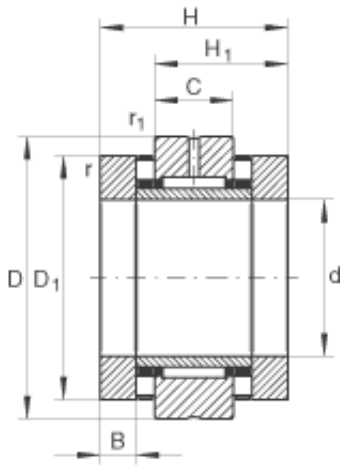




Huaxin Bearing Co., Ltd



90 mm x 180 mm x 22,5 mm INA ZARN90180-TV complex bearings

Bearing No. ZARN90180-TV

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

Size	90x180x110 mm
Bore Diameter	90 mm
Outer Diameter	180 mm
Width	110 mm
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 OI}	1800 1/min / Limiting speed for oil lubrication (valid



Huaxin Bearing Co., Ltd

	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	312 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
	AM90 / Designation of recommended INA locknut
M_A	960 Nm / Tightening torque (Only valid in conjunction with INA precision locknuts)
Category	Ball Bearings
Inventory	0.0
Manufacturer Name	SCHAEFFLER GROUP
Minimum Buy Quantity	N/A
Weight / Kilogram	14.13
EAN	4012802416107
Product Group	B00234