

ZARN90180-L-TV
90x180x135mm
4047643181938
bearings

INA
EAN
Complex

Bearing number	ZARN90180-L-TV
Size (mm)	90x180x135
Brand	INA
Bore Diameter (mm)	90
Outer Diameter (mm)	180
Width (mm)	135
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)
$C_{\theta a}$	1030000 N / Static load rating (axial)
C_r	98000 N / Dynamic load rating (radial)
$C_{\theta r}$	210000 N / Static load rating (radial)
$n_{G_{ol}}$	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	372 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
Category	Ball Bearings
BDI Inventory	0.0
Manufacturer Name	SCHAEFFLER GROUP
Minimum Buy Quantity	N/A
Weight / Kilogram	15.807
EAN	4047643181938
Product Group – BDI	B00234