

ZARN3080-L-TV INA Product Group – BDI B00234 30x80x82mm Complex bearings

Outer Diameter (mm)	80
Bearing number	ZARN3080-L-TV
Size (mm)	30x80x82
Brand	INA
Bore Diameter (mm)	30
Width (mm)	82
d	30 mm
D	80 mm
H ₂	82 mm
B	14 mm
B ₁	30 mm
B ₂	12 mm
C	20 mm
D ₁	68 mm
D ₂	52 mm
D ₃	66 mm
D _{a max}	69 mm
d _{a min}	50 mm
H ₃	59 mm
r _{1 min}	0.6 mm
r _{min}	0.3 mm
m	1.7 kg / Weight

C_a	107000 N / Dynamic load rating (axial)
C_{0a}	265000 N / Static load rating (axial)
C_r	26000 N / Dynamic load rating (radial)
C_{0r}	47000 N / Static load rating (radial)
$n_{G_{ol}}$	4400 1/min / Limiting speed for oil lubrication (valid only with adequate oil cooling)
$n_{G_{Fett}}$	1300 1/min / Limiting speed for grease lubrication
M_{RL}	2.1 Nm / Bearing frictional torque
C_{aL}	3300 N/ μ m / Axial rigidity
C_{kL}	1100 Nm/mrad / Tilting rigidity
M_m	7.43 kg x cm ² / Mass moment of inertia for rotating inner ring
	1 μ m / Axial runout (The axial runout data for screw drive bearing arrangements are based on the rotating inner ring)
	ZMA30/65 / Designation of recommended INA locknut
Category	Ball Bearings
BDI Inventory	0.0
Manufacturer Name	SCHAEFFLER GROUP
Minimum Buy Quantity	N/A
Weight / Kilogram	2.036
EAN	4012802439960
Product Group – BDI	B00234