

# ZARN3080-TV INA 30x80x66mm da min 52 mm Complex bearings

Bearing number	ZARN3080-TV
Size (mm)	30x80x66
Brand	INA
Bore Diameter (mm)	30
Outer Diameter (mm)	80
Width (mm)	66
d	30 mm
D	80 mm
H	66 mm
B	14 mm
C	20 mm
D <sub>1</sub>	68 mm
D <sub>a max</sub>	69 mm
d <sub>a min</sub>	52 mm
H <sub>1</sub>	43 mm
r <sub>1 min</sub>	0.6 mm
r <sub>min</sub>	0.3 mm
m	1.5 kg / Weight
C <sub>a</sub>	107000 N / Dynamic load rating (axial)
C <sub>0a</sub>	265000 N / Static load rating (axial)
C <sub>r</sub>	26000 N / Dynamic load rating (radial)
C <sub>0r</sub>	47000 N / Static load rating (radial)

$n_{G_{oil}}$	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/ $\mu$ m / Axial rigidity
$C_{kL}$	1100 Nm/mrad / Tilting rigidity
$M_m$	6.53 kg x cm <sup>2</sup> / Mass moment of inertia for rotating inner ring
	1 $\mu$ 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
	AM30 / Designation of recommended INA locknut
$M_A$	75 Nm / Tightening torque (Only valid in conjunction with INA precision locknuts)
Category	Ball Bearings
BDI Inventory	0.0
Manufacturer Name	SCHAEFFLER GROUP
Minimum Buy Quantity	N/A
Weight / Kilogram	1.798
EAN	4012802078343
Product Group – BDI	B00234