



**ZARN3080-TV INA ZARN3080-TV INA
Complex Bearings**

Bearing No. ZARN3080-TV

ZARN3080-TV Bearing 2D drawings and 3D CAD models

Size	30x80x66 mm
Bore Diameter	30 mm
Outer Diameter	80 mm
Width	66 mm
d	30 mm
D	80 mm
H	66 mm
B	14 mm
C	20 mm
D ₁	68 mm
D _{a max}	69 mm
d _{a min}	52 mm
H ₁	43 mm
r _{1 min}	0,6 mm
r _{min}	0,3 mm
m	1,5 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 OI}	4400 1/min / Limiting speed for oil lubrication (valid



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	only with adequate oil cooling)
$n_{G\text{Fett}}$	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	6,53 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
	AM30 / Designation of recommended INA locknut
M_A	75 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	1.798
EAN	4012802078343
Product Group	B00234