

# ZARN3570-TV INA 35x70x54mm nG Fett 1700 1/min / Limiting speed for grease lubrication Complex bearings

Bearing number	ZARN3570-TV
Size (mm)	35x70x54
Brand	INA
Bore Diameter (mm)	35
Outer Diameter (mm)	70
Width (mm)	54
d	35 mm
D	70 mm
H	54 mm
B	11 mm
C	20 mm
D <sub>1</sub>	60 mm
D <sub>a max</sub>	61 mm
d <sub>a min</sub>	50 mm
H <sub>1</sub>	37 mm
r <sub>1 min</sub>	0.6 mm
r <sub>min</sub>	0.3 mm
m	0.8 kg / Weight
C <sub>a</sub>	56000 N / Dynamic load rating (axial)
C <sub>0a</sub>	148000 N / Static load rating (axial)
C <sub>r</sub>	26000 N / Dynamic load rating (radial)

$C_{\theta r}$	47000 N / Static load rating (radial)
$n_{G_{ol}}$	4800 1/min / Limiting speed for oil lubrication (valid only with adequate oil cooling)
$n_{G_{Fett}}$	1700 1/min / Limiting speed for grease lubrication
$M_{RL}$	0.9 Nm / Bearing frictional torque
$C_{aL}$	2600 N/ $\mu$ m / Axial rigidity
$C_{kL}$	740 Nm/mrad / Tilting rigidity
$M_m$	2.8 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)
	ZMA35/58 / Designation of recommended INA locknut
	AM35/58 / Designation of recommended INA locknut
$M_A$	42 Nm / Tightening torque (Only valid in conjunction with INA precision locknuts)
Category	Roller Bearings
BDI Inventory	0.0
Manufacturer Name	SCHAEFFLER GROUP
Minimum Buy Quantity	N/A
Weight / Kilogram	0
EAN	4012802439908
Product Group – BDI	B04144