

# ZARN3570-L-TV INA 35x70x70mm nG 01 4800 1/min / Limiting speed for oil lubrication (valid only with adequate oil cooling) Complex bearings

Bearing number	ZARN3570-L-TV
Size (mm)	35x70x70
Brand	INA
Bore Diameter (mm)	35
Outer Diameter (mm)	70
Width (mm)	70
d	35 mm
D	70 mm
H <sub>2</sub>	70 mm
B	11 mm
B <sub>1</sub>	27 mm
B <sub>2</sub>	12 mm
C	20 mm
D <sub>1</sub>	60 mm
D <sub>2</sub>	45 mm
D <sub>3</sub>	58 mm
D <sub>a max</sub>	61 mm
d <sub>a min</sub>	43 mm
H <sub>3</sub>	53 mm

$r_{1\ min}$	0.6 mm
$r_{\min}$	0.3 mm
m	0.93 kg / Weight
$C_a$	56000 N / Dynamic load rating (axial)
$C_{0a}$	148000 N / Static load rating (axial)
$C_r$	26000 N / Dynamic load rating (radial)
$C_{0r}$	47000 N / Static load rating (radial)
$n_{G\ oil}$	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
$M_m$	3.21 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
Category	Roller Bearings
BDI Inventory	0.0
Manufacturer Name	SCHAEFFLER GROUP
Minimum Buy Quantity	N/A
Weight / Kilogram	0
EAN	4054364124168

Product Group – BDI	B04144
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