

# ZARN4580-L-TV INA Cr 38000 N

## / Dynamic load rating

### (radial) 45x80x75mm Complex bearings

Bearing number	ZARN4580-L-TV
Size (mm)	45x80x75
Brand	INA
Bore Diameter (mm)	45
Outer Diameter (mm)	80
Width (mm)	75
d	45 mm
D	80 mm
H <sub>2</sub>	75 mm
B	11.5 mm
B <sub>1</sub>	26.5 mm
B <sub>2</sub>	12 mm
C	25 mm
D <sub>1</sub>	70 mm
D <sub>2</sub>	56 mm
D <sub>3</sub>	68 mm
D <sub>a max</sub>	71 mm
d <sub>a min</sub>	54 mm
H <sub>3</sub>	57.5 mm
r <sub>1 min</sub>	0.6 mm

$r_{\min}$	0.3 mm
m	1.27 kg / Weight
$C_a$	61000 N / Dynamic load rating (axial)
$C_{\theta a}$	177000 N / Static load rating (axial)
$C_r$	38000 N / Dynamic load rating (radial)
$C_{\theta r}$	74000 N / Static load rating (radial)
$n_{G_{ol}}$	4000 1/min / Limiting speed for oil lubrication (valid only with adequate oil cooling)
$n_{G_{Fett}}$	1500 1/min / Limiting speed for grease lubrication
$M_{RL}$	1.2 Nm / Bearing frictional torque
$C_{aL}$	3000 N/ $\mu$ m / Axial rigidity
$C_{kL}$	1340 Nm/mrad / Tilting rigidity
$M_m$	6.03 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)
	ZMA45/68 / Designation of recommended INA locknut
Category	Ball Bearings
BDI Inventory	0.0
Manufacturer Name	SCHAEFFLER GROUP
Minimum Buy Quantity	N/A
Weight / Kilogram	1.521
EAN	4012802461312
Product Group – BDI	B00234