

ZARN2052-TV INA Product Group

– BDI B00234 20x52x46mm

Complex bearings

Bearing number	ZARN2052-TV
Size (mm)	20x52x46
Brand	INA
Bore Diameter (mm)	20
Outer Diameter (mm)	52
Width (mm)	46
d	20 mm
D	52 mm
H	46 mm
B	10 mm
C	16 mm
D ₁	42 mm
D _{a max}	43 mm
d _{a min}	33 mm
H ₁	31 mm
r _{1 min}	0.6 mm
r _{min}	0.3 mm
m	0.41 kg / Weight
C _a	33500 N / Dynamic load rating (axial)
C _{0a}	76000 N / Static load rating (axial)
C _r	14900 N / Dynamic load rating (radial)
C _{0r}	22400 N / Static load rating (radial)

$n_{G_{oil}}$	7000 1/min / Limiting speed for oil lubrication (valid only with adequate oil cooling)
$n_{G_{Fett}}$	2000 1/min / Limiting speed for grease lubrication
M_{RL}	0.5 Nm / Bearing frictional torque
C_{aL}	1800 N/ μ m / Axial rigidity
C_{kL}	230 Nm/mrad / Tilting rigidity
M_m	0.62 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)
	ZMA20/38 / Designation of recommended INA locknut
	AM20 / Designation of recommended INA locknut
M_A	18 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	0.491
EAN	4012802419856
Product Group – BDI	B00234