

ZARN4090-TV

INA

EAN

4012802421248

40x90x75mm

Complex bearings

Bearing number	ZARN4090-TV
Size (mm)	40x90x75
Brand	INA
Bore Diameter (mm)	40
Outer Diameter (mm)	90
Width (mm)	75
d	40 mm
D	90 mm
H	75 mm
B	16 mm
C	25 mm
D ₁	78 mm
D _{a max}	79 mm
d _{a min}	65 mm
H ₁	50 mm
r _{1 min}	0.6 mm
r _{min}	0.3 mm
m	2.09 kg / Weight
C _a	117000 N / Dynamic load rating (axial)
C _{0a}	315000 N / Static load rating (axial)
C _r	38000 N / Dynamic load rating (radial)
C _{0r}	74000 N / Static load rating (radial)

$n_{G_{oil}}$	3700 1/min / Limiting speed for oil lubrication (valid only with adequate oil cooling)
$n_{G_{Fett}}$	1200 1/min / Limiting speed for grease lubrication
M_{RL}	2.5 Nm / Bearing frictional torque
C_{aL}	3800 N/ μ m / Axial rigidity
C_{kL}	1800 Nm/mrad / Tilting rigidity
M_m	13.3 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)
	ZMA40/75 / Designation of recommended INA locknut
	AM40 / Designation of recommended INA locknut
M_A	120 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	2.503
EAN	4012802421248
Product Group – BDI	B04144