

ZARN4090-L-TV INA

Manufacturer Name SCHAEFFLER

GROUP 40x90x93mm Complex bearings

Bearing number	ZARN4090-L-TV
Size (mm)	40x90x93
Brand	INA
Bore Diameter (mm)	40
Outer Diameter (mm)	90
Width (mm)	93
d	40 mm
D	90 mm
H ₂	93 mm
B	16 mm
B ₁	34 mm
B ₂	12 mm
C	25 mm
D ₁	78 mm
D ₂	60 mm
D ₃	78 mm
D _{a max}	79 mm
d _{a min}	58 mm
H ₃	68 mm
r _{1 min}	0.6 mm

r_{\min}	0.3 mm
m	2.39 kg / Weight
C_a	117000 N / Dynamic load rating (axial)
$C_{\theta a}$	315000 N / Static load rating (axial)
C_r	38000 N / Dynamic load rating (radial)
$C_{\theta r}$	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	15.5 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
Category	Roller Bearings
BDI Inventory	0.0
Manufacturer Name	SCHAEFFLER GROUP
Minimum Buy Quantity	N/A
Weight / Kilogram	2.862
EAN	4012802439977
Product Group – BDI	B04144