

# 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 <sub>2</sub>	93 mm
B	16 mm
B <sub>1</sub>	34 mm
B <sub>2</sub>	12 mm
C	25 mm
D <sub>1</sub>	78 mm
D <sub>2</sub>	60 mm
D <sub>3</sub>	78 mm
D <sub>a max</sub>	79 mm
d <sub>a min</sub>	58 mm
H <sub>3</sub>	68 mm
r <sub>1 min</sub>	0.6 mm

$r_{\min}$	0.3 mm
m	2.39 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)
$n_{G_{ol}}$	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/ $\mu$ m / Axial rigidity
$C_{kL}$	1800 Nm/mrad / Tilting rigidity
$M_m$	15.5 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)
	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