

# ZARN1545-TV INA r1 min 0.6 mm

## 15x45x40mm Complex bearings

Bearing number	ZARN1545-TV
Size (mm)	15x45x40
Brand	INA
Bore Diameter (mm)	15
Outer Diameter (mm)	45
Width (mm)	40
d	15 mm
D	45 mm
H	40 mm
B	7.5 mm
C	16 mm
D <sub>1</sub>	35 mm
D <sub>a max</sub>	36 mm
d <sub>a min</sub>	28 mm
H <sub>1</sub>	28 mm
r <sub>1 min</sub>	0.6 mm
r <sub>min</sub>	0.3 mm
m	0.34 kg / Weight
C <sub>a</sub>	24900 N / Dynamic load rating (axial)
C <sub>0a</sub>	53000 N / Static load rating (axial)
C <sub>r</sub>	13000 N / Dynamic load rating (radial)
C <sub>0r</sub>	17500 N / Static load rating (radial)

$n_{G_{oil}}$	8500 1/min / Limiting speed for oil lubrication (valid only with adequate oil cooling)
$n_{G_{Fett}}$	2200 1/min / Limiting speed for grease lubrication
$M_{RL}$	0.35 Nm / Bearing frictional torque
$C_{aL}$	1400 N/ $\mu$ m / Axial rigidity
$C_{kL}$	110 Nm/mrad / Tilting rigidity
$M_m$	0.24 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)
	ZMA15/33 / Designation of recommended INA locknut
	AM15 / Designation of recommended INA locknut
$M_A$	10 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	0.407
EAN	4012802439892
Product Group – BDI	B00234