

# ZARN75155-TV INA 75x155x100mm Cr 72000 N / Dynamic load rating (radial) Complex bearings

Bearing number	ZARN75155-TV
Size (mm)	75x155x100
Brand	INA
Bore Diameter (mm)	75
Outer Diameter (mm)	155
Width (mm)	100
d	75 mm
D	155 mm
H	100 mm
B	21 mm
C	30 mm
D <sub>1</sub>	135 mm
D <sub>a max</sub>	136 mm
d <sub>a min</sub>	113 mm
H <sub>1</sub>	65 mm
r <sub>1 min</sub>	1 mm
r <sub>min</sub>	0.3 mm
m	7.9 kg / Weight
C <sub>a</sub>	290000 N / Dynamic load rating (axial)
C <sub>0a</sub>	890000 N / Static load rating (axial)
C <sub>r</sub>	72000 N / Dynamic load rating (radial)

$C_{0r}$	132000 N / Static load rating (radial)
$n_{G\ oil}$	2100 1/min / Limiting speed for oil lubrication (valid only with adequate oil cooling)
$n_{G\ Fett}$	700 1/min / Limiting speed for grease lubrication
$M_{RL}$	8 Nm / Bearing frictional torque
$C_{aL}$	6600 N/ $\mu$ m / Axial rigidity
$C_{kL}$	8500 Nm/mrad / Tilting rigidity
$M_m$	149 kg x cm <sup>2</sup> / Mass moment of inertia for rotating inner ring
	2 $\mu$ m / Axial runout (The axial runout data for screw drive bearing arrangements are based on the rotating inner ring)
	ZMA75/125 / Designation of recommended INA locknut
	AM75 / Designation of recommended INA locknut
$M_A$	580 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	9.46
EAN	4012802418842
Product Group – BDI	B00234