

# ZARN55115-TV INA Minimum Buy Quantity N/A 55x115x82mm Complex bearings

Bearing number	ZARN55115-TV
Size (mm)	55x115x82
Brand	INA
Bore Diameter (mm)	55
Outer Diameter (mm)	115
Width (mm)	82
d	55 mm
D	115 mm
H	82 mm
B	17.5 mm
C	25 mm
D <sub>1</sub>	100 mm
D <sub>a max</sub>	101 mm
d <sub>a min</sub>	85 mm
H <sub>1</sub>	53.5 mm
r <sub>1 min</sub>	0.6 mm
r <sub>min</sub>	0.3 mm
m	3.5 kg / Weight
C <sub>a</sub>	177000 N / Dynamic load rating (axial)
C <sub>0a</sub>	500000 N / Static load rating (axial)
C <sub>r</sub>	44000 N / Dynamic load rating (radial)
C <sub>0r</sub>	98000 N / Static load rating (radial)

$n_{G_{oil}}$	2900 1/min / Limiting speed for oil lubrication (valid only with adequate oil cooling)
$n_{G_{Fett}}$	1000 1/min / Limiting speed for grease lubrication
$M_{RL}$	4 Nm / Bearing frictional torque
$C_{aL}$	4900 N/ $\mu$ m / Axial rigidity
$C_{kL}$	3600 Nm/mrad / Tilting rigidity
$M_m$	36.1 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)
	ZMA55/98 / Designation of recommended INA locknut
	AM55 / Designation of recommended INA locknut
$M_A$	220 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	4.191
EAN	4012802443264
Product Group – BDI	B00234