

ZARN55115-L-TV INA C0r 98000 N / Static load rating (radial) 55x115x103mm Complex bearings

Bearing number	ZARN55115-L-TV
Size (mm)	55x115x103
Brand	INA
Bore Diameter (mm)	55
Outer Diameter (mm)	115
Width (mm)	103
d	55 mm
D	115 mm
H ₂	103 mm
B	17.5 mm
B ₁	38.5 mm
B ₂	14 mm
C	25 mm
D ₁	100 mm
D ₂	80 mm
D ₃	98 mm
D _{a max}	101 mm
d _{a min}	78 mm
H ₃	74.5 mm
r _{1 min}	0.6 mm

r_{\min}	0.3 mm
m	4 kg / Weight
C_a	177000 N / Dynamic load rating (axial)
C_{0a}	500000 N / Static load rating (axial)
C_r	44000 N / Dynamic load rating (radial)
C_{0r}	98000 N / Static load rating (radial)
$n_{G\text{ oil}}$	2900 1/min / Limiting speed for oil lubrication (valid only with adequate oil cooling)
$n_{G\text{ Fett}}$	1000 1/min / Limiting speed for grease lubrication
M_{RL}	4 Nm / Bearing frictional torque
C_{aL}	4900 N/ μm / Axial rigidity
C_{kL}	3600 Nm/mrad / Tilting rigidity
M_m	43 kg x cm ² / Mass moment of inertia for rotating inner ring
	1 μm / 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
Category	Ball Bearings
BDI Inventory	0.0
Manufacturer Name	SCHAEFFLER GROUP
Minimum Buy Quantity	N/A
Weight / Kilogram	4
EAN	4012802078459
Product Group – BDI	B00234