

# ZARN70130-TV INA MRL 4.8 Nm / Bearing frictional torque 70x130x82mm Complex bearings

Bearing number	ZARN70130-TV
Size (mm)	70x130x82
Brand	INA
Bore Diameter (mm)	70
Outer Diameter (mm)	130
Width (mm)	82
d	70 mm
D	130 mm
H	82 mm
B	17.5 mm
C	25 mm
D <sub>1</sub>	115 mm
D <sub>a max</sub>	116 mm
d <sub>a min</sub>	100 mm
H <sub>1</sub>	53.5 mm
r <sub>1 min</sub>	0.6 mm
r <sub>min</sub>	0.3 mm
m	4.1 kg / Weight
C <sub>a</sub>	201000 N / Dynamic load rating (axial)
C <sub>0a</sub>	630000 N / Static load rating (axial)
C <sub>r</sub>	56000 N / Dynamic load rating (radial)
C <sub>0r</sub>	119000 N / Static load rating (radial)

$n_{G\ oil}$	2400 1/min / Limiting speed for oil lubrication (valid only with adequate oil cooling)
$n_{G\ Fett}$	800 1/min / Limiting speed for grease lubrication
$M_{RL}$	4.8 Nm / Bearing frictional torque
$C_{aL}$	5800 N/ $\mu$ m / Axial rigidity
$C_{kL}$	6000 Nm/mrad / Tilting rigidity
$M_m$	62.2 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)
	ZMA70/110 / Designation of recommended INA locknut
	AM70 / Designation of recommended INA locknut
$M_A$	330 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	4.91
EAN	4012802367607
Product Group – BDI	B00234