

# 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   |