

ZARN70130-L-TV INA Category

Ball Bearings 70x130x103mm

Complex bearings

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| Bearing number | ZARN70130-L-TV |
| Size (mm) | 70x130x103 |
| Brand | INA |
| Bore Diameter (mm) | 70 |
| Outer Diameter (mm) | 130 |
| Width (mm) | 103 |
| d | 70 mm |
| D | 130 mm |
| H ₂ | 103 mm |
| B | 17.5 mm |
| B ₁ | 38.5 mm |
| B ₂ | 16 mm |
| C | 25 mm |
| D ₁ | 115 mm |
| D ₂ | 100 mm |
| D ₃ | 115 mm |
| D _{a max} | 116 mm |
| d _{a min} | 98 mm |
| H ₃ | 74.5 mm |
| r _{1 min} | 0.6 mm |
| r _{min} | 0.3 mm |
| m | 4.85 kg / Weight |

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|----------------------|--|
| C_a | 201000 N / Dynamic load rating (axial) |
| C_{0a} | 630000 N / Static load rating (axial) |
| C_r | 56000 N / Dynamic load rating (radial) |
| C_{0r} | 119000 N / Static load rating (radial) |
| $n_{G_{ol}}$ | 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/ μ m / Axial rigidity |
| C_{kL} | 6000 Nm/mrad / Tilting rigidity |
| M_m | 77.3 kg x cm ² / Mass moment of inertia for rotating inner ring |
| | 1 μ 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 |
| Category | Ball Bearings |
| BDI Inventory | 0.0 |
| Manufacturer Name | SCHAEFFLER GROUP |
| Minimum Buy Quantity | N/A |
| Weight / Kilogram | 5.808 |
| EAN | 4047643219211 |
| Product Group – BDI | B00234 |