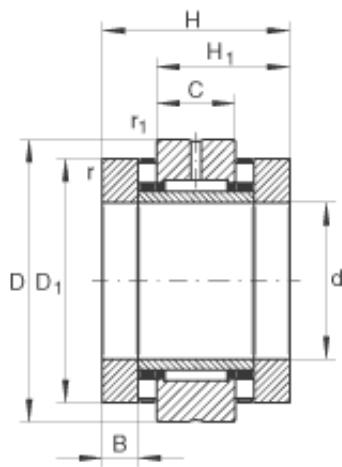




LAD Bearing International Trade Co., ...



INA ZARN90180-TV complex bearings

Bearing No. ZARN90180-TV

| | |
|--------------------|--|
| Size | 90x180x110 mm |
| Bore Diameter | 90 mm |
| Outer Diameter | 180 mm |
| Width | 110 mm |
| d | 90 mm |
| D | 180 mm |
| H | 110 mm |
| B | 22,5 mm |
| C | 35 mm |
| D ₁ | 160 mm |
| D _{a max} | 161 mm |
| d _{a min} | 130 mm |
| H ₁ | 72,5 mm |
| r _{1 min} | 1 mm |
| r _{min} | 0,3 mm |
| m | 11,8 kg / Weight |
| C _a | 325000 N / Dynamic load rating (axial) |
| C _{0a} | 1030000 N / Static load rating (axial) |
| C _r | 98000 N / Dynamic load rating (radial) |
| C _{0r} | 210000 N / Static load rating (radial) |
| n _{G OI} | 1800 1/min / Limiting speed for oil lubrication (valid only with adequate oil) |

ZARN90180-TV Bearing 2D drawings and 3D CAD models



LAD Bearing International Trade Co., ...

| | |
|----------------------|--|
| | cooling) |
| $n_{G\text{ Fett}}$ | 700 1/min / Limiting speed for grease lubrication |
| M_{RL} | 10,5 Nm / Bearing frictional torque |
| c_{aL} | 7700 N/ μ m / Axial rigidity |
| c_{kL} | 14500 Nm/mrad / Tilting rigidity |
| M_m | 312 kg x cm ² / Mass moment of inertia for rotating inner ring |
| | 2 μ m / Axial runout (The axial runout data for screw drive bearing arrangements are based on the rotating inner ring) |
| | ZMA90/155 / Designation of recommended INA locknut |
| | AM90 / Designation of recommended INA locknut |
| M_A | 960 Nm / Tightening torque (Only valid in conjunction with INA precision locknuts) |
| Category | Ball Bearings |
| Inventory | 0.0 |
| Manufacturer Name | SCHAEFFLER GROUP |
| Minimum Buy Quantity | N/A |
| Weight / Kilogram | 14.13 |
| EAN | 4012802416107 |
| Product Group | B00234 |