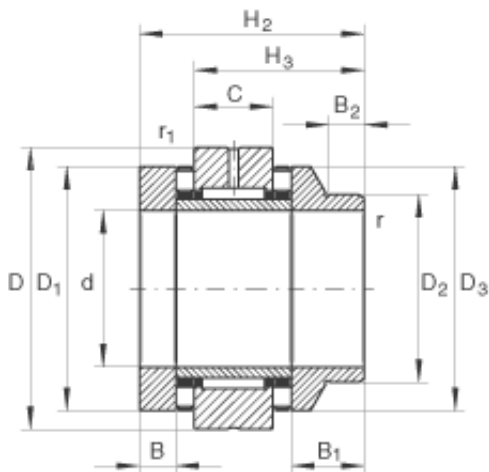




Bearing No. ZARN3080-L-TV

|               |                                                                            |
|---------------|----------------------------------------------------------------------------|
|               | ZMA30/65 / Designation of recommended INA locknut                          |
| d             | 30 mm                                                                      |
| D             | 80 mm                                                                      |
| B             | 14 mm                                                                      |
| m             | 1,7 kg / Weight                                                            |
| C             | 20 mm                                                                      |
| Category      | Ball Bearings                                                              |
| Inventory     | 0.0                                                                        |
| Size (mm)     | 30x80x82                                                                   |
| Width (mm)    | 82                                                                         |
| Product Group | B00234                                                                     |
| $C_a$         | 107000 N / Dynamic load rating (axial)                                     |
| $H_3$         | 59 mm                                                                      |
| $M_m$         | 7,43 kg x cm <sup>2</sup> / Mass moment of inertia for rotating inner ring |
| $D_1$         | 68 mm                                                                      |
| $D_3$         | 66 mm                                                                      |
| $D_2$         | 52 mm                                                                      |
| $B_2$         | 12 mm                                                                      |
| $B_1$         | 30 mm                                                                      |
| $H_2$         | 82 mm                                                                      |
| $C_r$         | 26000 N / Dynamic load rating (radial)                                     |
| $M_{RL}$      | 2,1 Nm / Bearing frictional torque                                         |
| $C_{kL}$      | 1100 Nm/mrad / Tilting rigidity                                            |
|               |                                                                            |

|                      |                                                                                        |
|----------------------|----------------------------------------------------------------------------------------|
| $C_{aL}$             | 3300 N/ $\mu$ m / Axial rigidity                                                       |
| Bearing number       | ZARN3080-L-TV                                                                          |
| $C_{0r}$             | 47000 N / Static load rating (radial)                                                  |
| $C_{0a}$             | 265000 N / Static load rating (axial)                                                  |
| $r_{min}$            | 0,3 mm                                                                                 |
| $n_{G\ Oil}$         | 4400 1/min / Limiting speed for oil lubrication (valid only with adequate oil cooling) |
| $r_{1\ min}$         | 0,6 mm                                                                                 |
| $d_{a\ min}$         | 50 mm                                                                                  |
| $D_{a\ max}$         | 69 mm                                                                                  |
| Manufacturer Name    | SCHAEFFLER GROUP                                                                       |
| Weight / Kilogram    | 2.036                                                                                  |
| $n_{G\ Fett}$        | 1300 1/min / Limiting speed for grease lubrication                                     |
| Bore Diameter (mm)   | 30                                                                                     |
| Outer Diameter (mm)  | 80                                                                                     |
| Minimum Buy Quantity | N/A                                                                                    |