

# ZARN4075-L-TV INA 40x75x70mm caL 2800 N/ $\mu$ m / Axial rigidity Complex bearings

|                     |               |
|---------------------|---------------|
| Bearing number      | ZARN4075-L-TV |
| Size (mm)           | 40x75x70      |
| Brand               | INA           |
| Bore Diameter (mm)  | 40            |
| Outer Diameter (mm) | 75            |
| Width (mm)          | 70            |
| d                   | 40 mm         |
| D                   | 75 mm         |
| H <sub>2</sub>      | 70 mm         |
| B                   | 11 mm         |
| B <sub>1</sub>      | 27 mm         |
| B <sub>2</sub>      | 12 mm         |
| C                   | 20 mm         |
| D <sub>1</sub>      | 65 mm         |
| D <sub>2</sub>      | 50 mm         |
| D <sub>3</sub>      | 63 mm         |
| D <sub>a max</sub>  | 66 mm         |
| d <sub>a min</sub>  | 48 mm         |
| H <sub>3</sub>      | 53 mm         |
| r <sub>1 min</sub>  | 0.6 mm        |

|                |  |
|----------------|--|
| $r_{\min}$     | 0.3 mm   |
| m              | 1 kg / Weight  |
| $C_a$          | 59000 N / Dynamic load rating (axial)  |
| $C_{\theta a}$ | 163000 N / Static load rating (axial)  |
| $C_r$          | 27500 N / Dynamic load rating (radial)   |
| $C_{\theta r}$ | 53000 N / Static load rating (radial)  |
| $n_{G\ oil}$   | 4400 1/min / Limiting speed for oil lubrication (valid only with adequate oil cooling)                                     |
| $n_{G\ Fett}$  | 1600 1/min / Limiting speed for grease lubrication   |
| $M_{RL}$       | 1 Nm / Bearing frictional torque   |
| $C_{aL}$       | 2800 N/ $\mu$ m / Axial rigidity   |
| $C_{kL}$       | 1030 Nm/mrad / Tilting rigidity  |
| $M_m$          | 4.35 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) |
|                | ZMA40/62 / Designation of recommended INA locknut  |