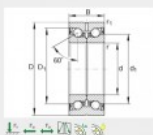


## Kogellager enkele rij ZKLN90150-2Z-INA - ZKLN90150-2Z-INA

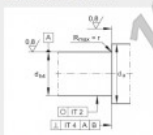
<https://www.123kogellager.be/kogellager-behuizing/kogellager/enkele-rij/zkln90150-2z-ina>

**Axial angular contact ball bearings ZKLN90150-2Z**  
double direction, gap seats on both sides



|            |                           |   |
|------------|---------------------------|---|
| d          | 90 mm                     | Tolerance: -0.008   |
| D          | 150 mm                    | Tolerance: -0.015   |
| B          | 55 mm                     | Tolerance: -0.25  |
| $\alpha$   | 60 °                      | Contact angle   |
| $D_{1max}$ | 138 mm                    |   |
| $d_1$      | 120 mm                    |   |
| $d_{2max}$ | 116 mm                    |   |
| $r_{1max}$ | 0.6 mm                    |   |
| $r_{2max}$ | 0.6 mm                    |   |
| m          | 4.5 kg                    | Mass  |
| $C_d$      | 135000 N                  | Basic dynamic load rating, axial  |
| $C_s$      | 395000 N                  | Basic static load rating, axial   |
| $n_{crit}$ | 2900 1/min                | Limiting speed for grease lubrication   |
| $M_{fr}$   | 2.3 Nm                    | Bearing frictional torque   |
| $c_a$      | 1709 N/μm                 | Axial rigidity  |
| $c_t$      | 4800 Nm/mrad              | Tilting rigidity  |
| $M_2$      | 59.9 kg x cm <sup>2</sup> | Mass moment of inertia for rotating inner ring  |
| $r_{ax}$   | 3 μm                      | Axial runout  |
| ZMAAG130   |                           | The axial runout data for screw shoe bearing arrangements are based on the rotating inner ring. Designation of recommended INA locknut. |
| AM90       |                           | Designation of recommended INA locknut  |
|            |                           | Locknuts not included in delivery.  |
| $M_s$      | 200 Nm                    | Tightening torque   |
|            |                           | Only valid in conjunction with INA precision locknuts   |
|            | 25198 N                   | Axial preload force   |

Design of adjacent construction



Design of adjacent construction

### PRODUCTKENMERKEN

|                      |                        |
|----------------------|------------------------|
| Merk                 | INA                    |
| N° Ean13             | 3663952334998          |
| Binnendiameter       | 90 mm                  |
| Waterdicht maken     | Flens aan beide zijden |
| Buitendiameter       | 150 mm                 |
| Dikte                | 55 mm                  |
| Grenstoerental       | 3500 rpm               |
| Gewicht              | 4500 g                 |
| Dynamische belasting | 149 kN                 |
| Statische belasting  | 395 kN                 |
| Verpakking           | 1                      |

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