

Deep groove ball bearing single row 6309-N-JTEKT - 6309-N-JTEKT

<https://www.123bearing.eu/bearing-housing/deep-groove-bearing/single-row/6309-n-jtekt>

Single-row deep groove ball bearings ———— **Koyo**
snap ring groove type
locating snap ring type



| Boundary dimensions (mm) | | | | Basic load ratings (kN) | | | Factor | | Limiting speeds (min ⁻¹) | | Bearing No. | | D ₁ max. |
|--------------------------|-----|----|-----|-------------------------|-----------------|----------------|-------------|----------|--------------------------------------|-------------------------|-------------|--|---------------------|
| d | D | B | r | C ₁₀ | C ₉₀ | f _s | Grease lub. | Oil lub. | With snap ring groove | With locating snap ring | | | |
| 45 | 100 | 25 | 1.5 | 48.9 | 29.5 | 13.3 | 6 800 | 8 100 | 6309N | | 96.8 | | |

| Dimensions of snap ring groove (mm) | | | Dimensions of locating snap ring (mm) | | Mounting dimensions (mm) | | | | | | (Refer.) Mass (kg) | (Refer.) Bearing No. |
|-------------------------------------|-------|----------------|---------------------------------------|-------|--------------------------|----------------|----------------|----------------|----------------|----------------|--------------------|----------------------|
| a | b | r ₀ | D ₂ | f | d _a | D ₄ | D ₃ | C _Y | r _a | r _b | | |
| max. | ±0.15 | max. | max. | ±0.05 | min. | max. | min. | max. | max. | max. | 0.833 | 6309N |
| 3.28 | 2.85 | 0.6 | 106.5 | 2.41 | 53 | 92 | 108 | 5.43 | 1.5 | 0.5 | | |

PRODUCT FEATURES

| | |
|------------------|---------------|
| Brand | JTEKT |
| N° Ean13 | 4549250303357 |
| Inside diameter | 45 mm |
| Outside diameter | 100 mm |
| Thickness | 25 mm |
| Weight | 833 g |
| Packaging | 1 |

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