

Tapered roller bearing LM281049-LM281010CD-TIMKEN - LM281049-LM281010CD-TIMKEN

<https://www.123bearing.com/bearing-housing/roller-bearing/tapered/lm281049-lm281010cd-timken>

TAPERED ROLLER BEARINGS
DOUBLE-ROW • TYPE TDO

TYPE TDO

| Bearing Dimensions | | | | Load Ratings | | | | | | | |
|--------------------|---------|---------|---------------------------|------------------------|---------|-----------------------|----------------|------------------------|-----------------|-----------------------|---------|
| Bore d | O.D. D | Width T | Double Outer Ring Width C | Dynamic ⁽¹⁾ | | Static ⁽²⁾ | | Dynamic ⁽³⁾ | | Factor ⁽⁴⁾ | |
| mm | mm | mm | mm | C ₁₀ | C | C ₀ | C ₀ | C ₉₀ | C ₅₀ | C ₁₀₀ | K |
| 646.112 | 857.250 | 304.800 | 241.300 | 210000 | 180000 | 0.33 | 2.03 | 3.02 | 1220000 | 690000 | 2120000 |
| 25.4375 | 33.7500 | 12.0000 | 9.5000 | 1800000 | 1500000 | | | | 150000 | 470000 | 1.35 |

| Part Number | | Dimensions | | | | | | Pin | | Geometry Factors | | | Bearing Weight |
|-------------|------------|-----------------------------------------|--------------------------------------|-------------------------------------------|--------------------------------------|----------------|----------------|----------------|----------------|------------------|----------------|--|----------------|
| Inner | Outer | Max. Shaft Fillet Radius R ₁ | Backing Shoulder Dia. d ₁ | Max. Housing Fillet Radius r ₁ | Backing Shoulder Dia. D ₁ | K ₁ | K ₂ | G ₁ | G ₂ | C ₁ | C ₂ | | |
| LM281049 | LM281010CD | 6.4 | 984.9 | 1.5 | 824.5 | 28.38 | 18.26 | 14702.0 | 920.6 | 0.3153 | | | 460.91 |
| | | 0.25 | 26.93 | 0.06 | 32.46 | 1.13 | 0.72 | | | | | | 1016.14 |

PRODUCT FEATURES

| | |
|------------------|---------------|
| Brand | TIMKEN |
| N° Ean13 | 3663952366937 |
| Inside diameter | 646.112 mm |
| Outside diameter | 857.25 mm |
| Thickness | 304.8 mm |
| Packaging | 1 |

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