

Tapered roller bearing

12175-12303-B-TIMKEN - 12175-12303-B-TIMKEN

https://www.123bearing.com/bearing-housing/roller-bearing/tapered/12175-12303-b-timken

TAPERED ROLLER BEARINGS

TYPE TSF

| Bearing Dimensions | | | | | | | | | | Load Ratings | | | | Part Number | |
|--------------------|--------|---------|--|--------------------------|------|--|--------------------------|-----------------------|-------|--------------|--|--|--|-------------|--|
| Bore d | O.D. D | Width B | Dynamic ⁽¹⁾ C ₁₀ | Factors ⁽²⁾ e | Y | Dynamic ⁽¹⁾ C ₉₀ | Factors ⁽²⁾ e | Static C ₀ | Inner | Outer | | | | | |
| mm | mm | mm | N | | | N | | N | | | | | | | |
| 44.450 | 76.992 | 17.145 | 40500 | 0.51 | 1.15 | 12000 | 11100 | 9900 | 12175 | 12303-B | | | | | |
| 1.7500 | 3.0312 | 0.2703 | 11100 | | | 2900 | 2500 | 13100 | | | | | | | |

| Bearing Dimensions | | | | | | | | | | Shaft | | | Housing | | | Geometry Factors | | | Bearing Weight |
|--------------------|---------|----------------------------|----------------------------------|-----------------------------|---|--------------------------------------|--------------------------------------|--------------------------------------|----------------|----------------|----------------|--|---------|--|--|------------------|--|------|----------------|
| Width B | Width C | Eff. Ctr. a ⁽¹⁾ | Outer Ring Flange D ₁ | Flange Width C ₁ | Max Shaft Fillet Radius (R ⁽¹⁾) | Sealing Shoulder Dia. d ₁ | Sealing Shoulder Dia. d ₂ | Sealing Shoulder Dia. D ₁ | G ₁ | G ₂ | C ₂ | | | | | | | kg | |
| mm | mm | mm | mm | mm | mm | mm | mm | mm | | | | | | | | | | lbs | |
| 17.145 | 17.145 | 8.5 | 60.564 | 3.371 | 1.5 | 48.3 | 52.9 | 75.8 | 21.8 | 11.5 | 0.0166 | | | | | | | 0.32 | |
| 0.6750 | 0.6750 | 0.00 | 3.1718 | 0.1406 | 0.06 | 1.90 | 2.05 | 2.95 | | | | | | | | | | 0.71 | |

PRODUCT FEATURES

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|------------------|---------------|
| Brand | TIMKEN |
| N° Ean13 | 3663952337166 |
| Inside diameter | 44.45 mm |
| Outside diameter | 76.992 mm |
| Thickness | 17.145 mm |
| Packaging | 1 |

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