


Tapered roller bearing HM88649-HM88611-TIMKEN - HM88649-HM88611-TIMKEN

<https://www.123bearing.co.uk/bearing-housing/roller-bearing/tapered/hm88649-hm88611-timken>

TAPERED ROLLER BEARINGS
SINGLE-ROW • TYPE TS

TYPE TS



| Bearing Dimensions | | | Load Ratings | | | | | | Part Number | |
|--------------------|--------|---------|--------------------------------------|------------------------|--------------------------------------|--------------------------------------|-----------------------|-------|-------------|---------|
| Bore d | O.D. D | Width B | Dynamic ¹⁾ C ₁ | Factor ²⁾ e | Dynamic ³⁾ C ₂ | Factor ⁴⁾ C _{2e} | Static C ₀ | Inner | Outer | |
| mm | mm | mm | N | | N | N | N | | | |
| 34.925 | 71.973 | 27.000 | 79000 | 1.10 | 19900 | 10000 | 1.07 | 94200 | HM88649 | HM88611 |
| 1.3750 | 2.8338 | 1.0630 | 17500 | | 4480 | 4100 | | 23200 | | |

| Bearing Dimensions | | | | | | | | | | Geometry Factors | | | Bearing Weight | |
|--------------------|---------|-------------------------|---|--------------------------------------|---|--------------------------------------|-----------------------------------|------------------------------|------|------------------|----------------|----------------|----------------|------|
| Width B | Width C | ER. Dr. α ¹⁾ | Max Shaft Fillet Radius R ²⁾ | Backing Shoulder Dia. d _s | Max Housing Fillet Radius r ³⁾ | Backing Shoulder Dia. D _s | Cage A ₁ ⁴⁾ | A ₂ ⁵⁾ | | G ₁ | G ₂ | C ₃ | | |
| mm | mm | mm | mm | mm | mm | mm | mm | mm | mm | | | | kg | |
| 25.400 | 25.440 | -4.8 | 2.3 | 42.5 | 48.5 | 1.5 | 68.0 | 61.8 | 1.8 | 1.7 | 25.4 | 5.4 | 0.0022 | 8.81 |
| 1.0000 | 0.9942 | -0.18 | 0.09 | 1.68 | 1.91 | 0.06 | 2.69 | 2.42 | 0.06 | 0.07 | | | | 1.14 |

PRODUCT FEATURES

| | |
|------------------|---------------|
| Brand | TIMKEN |
| N° Ean13 | 3663952310718 |
| Inside diameter | 34.93 mm |
| Outside diameter | 71.97 mm |
| Thickness | 27 mm |
| Packaging | 1 |

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