


Tapered roller bearing HM903248-HM903210-TIMKEN - HM903248-HM903210-TIMKEN

<https://www.123bearing.co.uk/bearing-housing/roller-bearing/tapered/hm903248-hm903210-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 | Factor ⁽³⁾ Y | Dynamic ⁽¹⁾ C ₀₂ | Factor ⁽²⁾ C ₀₂ | Static C ₀ | Inner | Outer |
| mm | mm | mm | N | | | N | N | N | | |
| 44.987 | 95.250 | 30.958 | 115000 | 0.01 | 0.01 | 28000 | 37000 | 0.70 | HM903248 | HM903210 |
| 1.7712 | 3.7500 | 1.2188 | 25000 | | | 6700 | 8400 | | | |

| Bearing Dimensions | | | | | | | | | | Geometry Factors | | | Bearing Weight | |
|--------------------|--------|--------------------------|--|--------------------------------------|--|--------------------------------------|-------------------------------|-------------------------------|----------------|------------------|----------------|------|----------------|------|
| Width | | ER. Co. α ⁽¹⁾ | Shaft | | Housing | | Cage | | G ₁ | G ₂ | C ₃ | | | |
| B | C | | Max Shaft Fillet Radius R ₁ | Backing Shoulder Dia. d ₁ | Max Housing Fillet Radius r ₁ | Backing Shoulder Dia. D ₁ | A ₁ ⁽²⁾ | A ₂ ⁽²⁾ | | | | | | |
| mm | mm | mm | mm | mm | mm | mm | mm | mm | mm | mm | mm | mm | kg | |
| 28.575 | 22.225 | 0.5 | 3.5 | 54.0 | 66.0 | 0.0 | 91.0 | 81.0 | * | * | 33.7 | 12.4 | 0.1010 | 0.88 |
| 1.1250 | 0.8750 | 0.02 | 0.14 | 2.13 | 2.63 | 0.02 | 3.58 | 2.19 | * | * | | | | 2.18 |

PRODUCT FEATURES

| | |
|------------------|---------------|
| Brand | TIMKEN |
| N° Ean13 | 3663952314631 |
| Inside diameter | 44.987 mm |
| Outside diameter | 95.25 mm |
| Thickness | 30.958 mm |
| Packaging | 1 |

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