

Tapered roller bearing 52393-52638-TIMKEN - 52393-52638-TIMKEN

<https://www.123bearing.eu/bearing-housing/roller-bearing/tapered/52393-52638-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 ⁽¹⁾ C ₂ | Factor ⁽²⁾ C _{2e} | Static C ₃ | Inner | Outer |
| mm | mm | mm | N | | N | N | N | | |
| 100.012 | 161.925 | 36.687 | 22500 | 1.28 | 57900 | 47300 | 34000 | 52393 | 52638 |
| ±0.015 | ±0.025 | ±0.025 | ±0.025 | | ±0.025 | ±0.025 | ±0.025 | | |

| Bearing Dimensions | | | | | | | | | | Geometry Factors | | | Bearing Weight | |
|--------------------|---------|--------------------------|---|--------------------------------------|--|--------------------------------------|-------------------------------|-------------------------------|-------------------------------|------------------|----------------|----------------|----------------|-------|
| Shaft | | | | | Housing | | | | | Cage | | | | |
| Width B | Width C | ER. Dr. α ⁽¹⁾ | Max Shaft Fillet Radius R _{f1} | Backing Shoulder Dia. d _s | Max Housing Fillet Radius r ₁ | Backing Shoulder Dia. D _s | A ₁ ⁽²⁾ | A ₂ ⁽²⁾ | A ₃ ⁽²⁾ | G ₁ | G ₂ | C ₁ | | |
| mm | mm | mm | mm | mm | mm | mm | mm | mm | mm | | | | kg | |
| 36.687 | 29.370 | -0.5 | 3.5 | 100.0 | 116.0 | 3.3 | 154.0 | 140.0 | 4.4 | 2.5 | 175.4 | 41.7 | 0.1919 | 2.86 |
| ±0.015 | ±0.025 | ±0.02 | ±0.14 | ±0.25 | ±0.13 | ±0.25 | ±0.13 | ±0.13 | ±0.13 | | | | ±0.025 | ±0.25 |

PRODUCT FEATURES

| | |
|------------------|---------------|
| Brand | TIMKEN |
| N° Ean13 | 3663952324081 |
| Inside diameter | 100.012 mm |
| Outside diameter | 161.925 mm |
| Thickness | 36.687 mm |
| Packaging | 1 |

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