


Tapered roller bearing 528-520X-TIMKEN - 528-520X-TIMKEN

<https://www.123bearing.ca/bearing-housing/roller-bearing/tapered/528-520x-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⁾ e ₂ | Static C ₃ | Factor ⁽²⁾ K | Static C ₄ | Inner | Outer |
| mm | mm | mm | N | | N | | N | | N | | |
| 47.625 | 100.000 | 34.925 | 100000 | 0.02 | 210 | 42700 | 20800 | 2.05 | 191000 | 528 | 520X |
| 1.8750 | 3.9370 | 1.3750 | 33000 | | 300 | 9800 | 6800 | | 63000 | | |

| Bearing Dimensions | | | | | | | | | | Geometry Factors | | | Bearing Weight | |
|--------------------|---------|--------------------------|-----------------------------------------|--------------------------------------|--------------------------------------------|--------------------------------------|--------------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|----------------|----------------|----------------|
| Shaft | | | | | Housing | | | | | Cage | | G ₁ | | G ₂ |
| Width B | Width C | ER. Dr. α ⁽¹⁾ | Max Shaft Fillet Radius R _{f1} | Backing Shoulder Dia. d ₁ | Max Housing Fillet Radius r ⁽¹⁾ | Backing Shoulder Dia. D ₁ | Backing Shoulder Dia. D ₂ | A ₁ ⁽¹⁾ | A ₂ ⁽¹⁾ | A ₃ ⁽¹⁾ | A ₄ ⁽¹⁾ | | kg | |
| mm | mm | mm | mm | mm | mm | mm | mm | mm | mm | mm | mm | mm | | |
| 36.088 | 26.988 | -12.7 | 3.5 | 55.8 | 62.8 | 3.3 | 94.0 | 88.0 | 2.7 | 1.8 | 17.9 | 13.4 | 0.9884 | 1.24 |
| 1.4200 | 1.0625 | -0.50 | 0.14 | 2.17 | 2.44 | 0.13 | 3.70 | 3.48 | 0.10 | 0.07 | | | | 2.75 |

PRODUCT FEATURES

| | |
|------------------|---------------|
| Brand | TIMKEN |
| N° Ean13 | 3663952315164 |
| Inside diameter | 47.625 mm |
| Outside diameter | 100 mm |
| Thickness | 34.925 mm |
| Packaging | 1 |

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