


Tapered roller bearing 05070XS-05185S-TIMKEN - 05070XS-05185S-TIMKEN

<https://www.123bearing.ca/bearing-housing/roller-bearing/tapered/05070xs-05185s-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 | | | |
| 17.987 | 47.000 | 14.381 | 26700 | 3.31 | 6800 | 4236 | 1.64 | 25400 | 05070XS | 05185-S |
| 0.7032 | 1.8504 | 0.5682 | 6070 | | 1560 | 552 | | 5720 | | |

| Bearing Dimensions | | | | | | | | | | Geometry Factors | | | Bearing Weight | |
|--------------------|---------|-----------|--|--------------------------------------|--|--------------------------------------|------------------------------------|-------------------------------|-------------------------------|------------------|----------------|----------------|----------------|------|
| Width B | Width C | ER Co. μm | Max Shaft Fillet Radius R _f | Backing Shoulder Dia. d _s | Max Housing Fillet Radius r _h | Backing Shoulder Dia. D _s | Cage A ₁ ⁽¹⁾ | A ₂ ⁽¹⁾ | A ₃ ⁽¹⁾ | G ₁ | G ₂ | C ₁ | | |
| mm | mm | mm | mm | mm | mm | mm | mm | mm | mm | | | | kg | |
| 14.381 | 15.512 | -4.1 | 2.0 | 22.5 | 26.6 | 1.5 | 42.5 | 40.5 | 6.2 | 1.3 | 5.8 | 5.5 | 0.0448 | 0.13 |
| 0.5682 | 0.4375 | -0.16 | 0.09 | 0.89 | 1.02 | 0.06 | 1.67 | 1.59 | 0.05 | 0.05 | | | | 0.27 |

PRODUCT FEATURES

| | |
|------------------|---------------|
| Brand | TIMKEN |
| N° Ean13 | 3663952309644 |
| Inside diameter | 17.99 mm |
| Outside diameter | 47 mm |
| Thickness | 14.38 mm |
| Packaging | 1 |

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