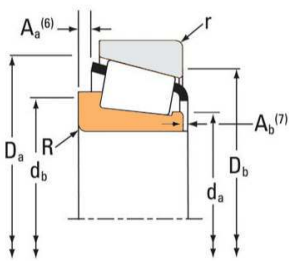
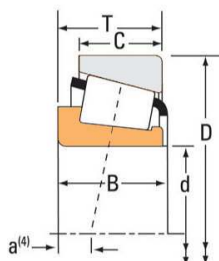




QM INDUSTRIES BEARING LIMITED

TYPE TS



TIMKEN JP12049A FRANCE Bearing 120*170*27

Bearing No. JP12049A

JP12049A Bearing 2D drawings and 3D CAD models

| | |
|-------------------------------------------------------------------------------------|---------------|
| Series | JP12000 |
| Cone Part Number | JP12049A |
| Design Units | METRIC |
| Cage Type | Stamped Steel |
| C1 - Dynamic Radial Rating (Two-Row, 1 million revolutions) ¹ | 76700 lbf |
| C90(2) - Dynamic Radial Rating (Two-Row, 90 million revolutions) ² | 19900 lbf |
| d | 120 mm |
| B - Cone Width | 25.000 mm |
| WPD | 163.1 mm |
| DD | 152.6 mm |
| R - Cone Backface To Clear Radius ³ | 6.100 mm |
| da - Cone Frontface Backing Diameter | 127 mm |
| db - Cone Backface Backing Diameter | 139 mm |
| Ab - Cage-Cone Frontface Clearance | 4.3 mm |
| Aa - Cage-Cone Backface Clearance | 2.3 mm |
| a - Effective Center Location ⁴ | 7.9 mm |
| C90 - Dynamic Radial Rating (90 million revolutions) ⁵ | 50800 N |
| | |



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| | |
|--------------------------------------------------------------------------------------|----------|
| C1 - Dynamic Radial Rating (1 million revolutions) ⁶ | 196000 N |
| C0 - Static Radial Rating | 238000 N |
| C _{a90} - Dynamic Thrust Rating (90 million revolutions) ⁷ | 41100 N |
| K - Factor ⁸ | 1.24 |
| G1 - Heat Generation Factor (Roller-Raceway) | 158 |
| G2 - Heat Generation Factor (Rib-Roller End) | 76.7 |
| Cg - Geometry Factor | 0.145 |