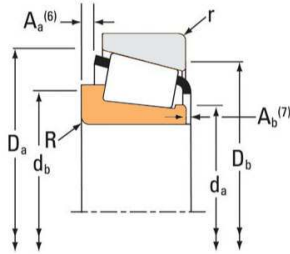
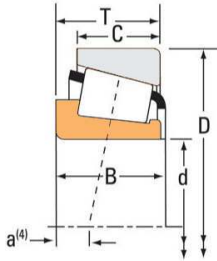




IPTCI Bearing Business LLC

TYPE TS



HM261049 Complex Bearings

Bearing No. HM261049

HM261049 Bearing 2D drawings and 3D CAD models

| | |
|---|------------|
| Series | HM261000 |
| Cone Part Number | HM261049 |
| Design Units | Imperial |
| Cage Type | Pin-Type |
| C1 - Dynamic Radial Rating (Two-Row, 1 million revolutions) ¹ | 626000 lbf |
| C90(2) - Dynamic Radial Rating (Two-Row, 90 million revolutions) ² | 162000 lbf |
| d | 13.1250 in |
| B - Cone Width | 3.5625 in |
| R - Cone Backface To Clear Radius ³ | 0.25 in |
| da - Cone Frontface Backing Diameter | 14.09 in |
| db - Cone Backface Backing Diameter | 14.29 in |
| Ab - Cage-Cone Frontface Clearance | 0.25 in |
| Aa - Cage-Cone Backface Clearance | 0.22 in |
| a - Effective Center Location ⁴ | -0.24 in |
| C90 - Dynamic Radial Rating (90 million revolutions) ⁵ | 93200 lbf |
| C1 - Dynamic Radial Rating (1 million revolutions) ⁶ | 360000 lbf |
| C0 - Static Radial Rating | 777000 lbf |
| | |



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| | |
|---|-----------|
| C_{a90} - Dynamic Thrust Rating (90 million revolutions) ⁷ | 53400 lbf |
| K - Factor ⁸ | 1.74 |
| G1 - Heat Generation Factor (Roller-Raceway) | 3310 |
| G2 - Heat Generation Factor (Rib-Roller End) | 324 |
| Cg - Geometry Factor | 0.194 |