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3984/3920-TIMKEN TAPERED ROLLER BEARING INCH

High quality tapered roller bearing in metric dimensions from the worlds leading manufacturer Timken. The tapered roller bearing was invented by Henry Timken was uniquely designed to manage both thrust and radial loads and have continuously been improved to perfection by the company, now offering the widest range in the world. As an undisputed world number one Timken offers several performance enhancing features such as customized geometries, engineered surfaces and market leading hardening methods

Basic dimensions

| | | |
|--------------------|--------|----|
| Outer diameter [D] | 112.71 | mm |
| Width [B] | 30.16 | mm |
| Inner diameter [d] | 66.68 | mm |

Physical properties

| | | |
|--|------------|----|
| Total Weight | 1.15 | kg |
| Load rating dynamic axial 90 million revs [Ca 90] | 24 800.00 | n |
| Load rating dynamic radial 90 million revs [Cr 90] | 36 000.00 | n |
| Load rating dynamic [Cr] | 139 000.00 | n |
| Load rating static [C0r] | 191 000.00 | n |

Other data

| | | |
|--------------------------------|-------|----|
| Cage clearance to cone BF [Aa] | 1.50 | mm |
| K factor | 1.45 | |
| Backing diameter cone FF [da] | 74.00 | mm |
| Backing diameter cone BF [db] | 80.00 | mm |
| Cage clearance to cone FF [Ab] | 2.00 | mm |
| Cone width [B] | 30.05 | mm |
| Max shaft fillet radius [R] | 3.50 | mm |
| Effective center position [a] | -4.60 | mm |
| Cup BF backing dia [Db] | 99.00 | mm |

| | | |
|-----------------------------|--------|----|
| Cup FF backing dia [Da] | 106.00 | mm |
| Cup width [C] | 23.81 | mm |
| Radius clearance Cup BF [r] | 3.30 | mm |