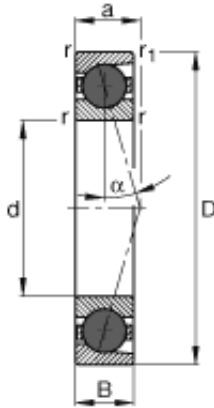




# AMERICAN Timken BEARING MFG.CORP.

100 mm x 150 mm x 24 mm FAG HCB7020-C-T-P4S angular contact ball bearings



Bearing No. HCB7020-C-T-P4S

|                      |   |
|----------------------|---|
| Size                 | 100x150x24 mm   |
| Bore Diameter        | 100 mm  |
| Outer Diameter       | 150 mm  |
| Width                | 24 mm   |
| d                    | 100 mm  |
| D                    | 150 mm  |
| B                    | 24 mm   |
| a                    | 29 mm   |
| $D_a$                | 141 mm / Tolerance: H12   |
| $d_a$                | 110 mm / Tolerance: h12   |
| $r_{1 \text{ min}}$  | 1,5 mm  |
| $r_{a \text{ max}}$  | 1,5 mm  |
| $r_{a1 \text{ max}}$ | 0,6 mm  |
| $r_{\text{min}}$     | 1,5 mm  |
|                      | 15 ° / Angle  |
| m                    | 1,04 kg / Weight  |
| $C_r$                | 83000 N / Dynamic load rating (radial)                            |
| $C_{0r}$             | 40000 N / Static load rating (radial)                             |
| $n_{G \text{ Fett}}$ | 13000 1/min / Limiting speed for grease lubrication               |
| $n_{G \text{ Ol}}$   | 19000 1/min / Limiting speed for minimal quantity oil lubrication |

HCB7020-C-T-P4S Bearing 2D drawings and 3D CAD models