



# SKF BEARING MANUFACTURING CO.,LTD.



120 mm x 180 mm x 28 mm FAG HC7024-E-T-P4S angular contact ball bearings

Bearing No. HC7024-E-T-P4S

|                      |                                                                   |
|----------------------|-------------------------------------------------------------------|
| Size                 | 120x180x28 mm                                                     |
| Bore Diameter        | 120 mm                                                            |
| Outer Diameter       | 180 mm                                                            |
| Width                | 28 mm                                                             |
| d                    | 120 mm                                                            |
| D                    | 180 mm                                                            |
| B                    | 28 mm                                                             |
| a                    | 49 mm                                                             |
| $D_a$                | 161 mm / Tolerance: H12                                           |
| $d_a$                | 138,5 mm / Tolerance: h12                                         |
| $r_{a \max}$         | 2 mm                                                              |
| $r_{\min}$           | 2 mm                                                              |
|                      | 25 ° / Angle                                                      |
| m                    | 2,2 kg / Weight                                                   |
| $C_r$                | 46500 N / Dynamic load rating (radial)                            |
| $C_{0r}$             | 27000 N / Static load rating (radial)                             |
| $n_{G \text{ Fett}}$ | 12000 1/min / Limiting speed for grease lubrication               |
| $n_{G \text{ Ol}}$   | 19000 1/min / Limiting speed for minimal quantity oil lubrication |

HC7024-E-T-P4S Bearing 2D drawings and 3D CAD models