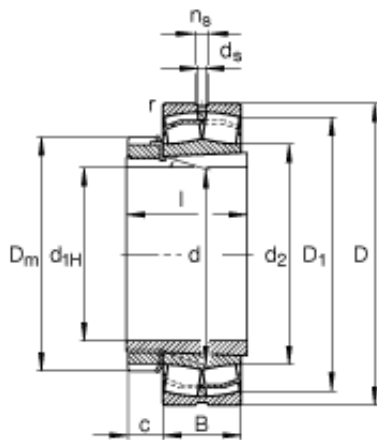




# AMERICAN Timken BEARING MFG.CORP.

160 mm x 290 mm x 80 mm FAG 22232-E1-K + H3132 spherical roller bearings



Bearing No. 22232-E1-K + H3132

22232-E1-K + H3132 Bearing 2D drawings and 3D CAD models

|                |                        |
|----------------|------------------------|
| Size           | 140x290x80 mm          |
| Bore Diameter  | 140 mm                 |
| Outer Diameter | 290 mm                 |
| Width          | 80 mm                  |
| $d_{1H}$       | 140 mm                 |
| D              | 290 mm                 |
| B              | 80 mm                  |
| $B_{a \min}$   | 14 mm                  |
| c              | 28 mm                  |
| $D_1$          | 258,2 mm               |
| $D_{a \max}$   | 276 mm                 |
| $D_m$          | 210 mm                 |
| d              | 160 mm                 |
| $d_2$          | 190,9 mm               |
| $d_{a \max}$   | 190 mm                 |
| $d_{b \min}$   | 170 mm                 |
| $d_s$          | 8 mm                   |
| l              | 119 mm                 |
| $n_s$          | 15 mm                  |
| $r_{a \max}$   | 2,5 mm                 |
| $r_{\min}$     | 3 mm                   |
|                | H3132 / Adapter sleeve |
| m              | 22,4 kg / Weight       |
| m              | 7,81 kg                |



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|          |  |
|----------|--|
| $^1$     |  |
| $C_r$    | 1150000 N / Dynamic load rating (radial) |
| $e$      | 0,26                                     |
| $Y_1$    | 2,64                                     |
| $Y_2$    | 3,93                                     |
| $C_{0r}$ | 1400000 N / Static load rating (radial)  |
| $Y_0$    | 2,58                                     |
| $n_G$    | 2650 1/min / Limiting speed              |
| $n_B$    | 125000 N / Fatigue limit load, radial    |