



## Air Suspension Bearing Co., Ltd



17 mm x 47 mm x 19 mm FAG 2303-TVH self aligning ball bearings

Bearing No. 2303-TVH

2303-TVH Bearing 2D drawings and 3D CAD models

|                |  |
|----------------|--|
| Size           | 17x47x19 mm                            |
| Bore Diameter  | 17 mm                                  |
| Outer Diameter | 47 mm                                  |
| Width          | 19 mm                                  |
| d              | 17 mm                                  |
| D              | 47 mm                                  |
| B              | 19 mm                                  |
| $D_1$          | 37,3 mm                                |
| $D_{a \max}$   | 41,4 mm                                |
| $d_1$          | 26,2 mm                                |
| $d_{a \min}$   | 22,6 mm                                |
| $r_{a \max}$   | 1 mm                                   |
| $r_{\min}$     | 1 mm                                   |
| m              | 0,155 kg / Weight                      |
| $C_r$          | 13900 N / Dynamic load rating (radial) |
| e              | 0,53                                   |
| $Y_1$          | 1,19                                   |
| $Y_2$          | 1,85                                   |
| $C_{0r}$       | 3150 N / Static load rating (radial)   |
| $Y_0$          | 1,25                                   |
| $n_G$          | 17000 1/min / Limiting speed           |
| $n_B$          | 17700 1/min / Reference                |



## Air Suspension Bearing Co., Ltd

|          |                                       |
|----------|---------------------------------------|
|          | speed                                 |
| $C_{ur}$ | 197 N / Fatigue limit load,<br>radial |