

# 3004-B-2RSR-TVH FAG Outer Diameter 42mm 20x42x16mm Angular contact ball bearings

|                     |  |
|---------------------|--|
| Bearing number      | 3004-B-2RSR-TVH                        |
| Size (mm)           | 20x42x16                               |
| Brand               | FAG                                    |
| Bore Diameter (mm)  | 20                                     |
| Outer Diameter (mm) | 42                                     |
| Width (mm)          | 16                                     |
| d                   | 20 mm                                  |
| D                   | 42 mm                                  |
| B                   | 16 mm                                  |
| a                   | 19.1 mm                                |
| $D_{a \max}$        | 38.8 mm                                |
| $d_1$               | 25.2 mm                                |
| $d_{a \min}$        | 23.2 mm                                |
| $r_{a \max}$        | 0.6 mm                                 |
| $r_{\min}$          | 0.6 mm                                 |
| $\alpha$            | 25 ° / Angle                           |
| m                   | 0.08 kg / Weight                       |
| $C_r$               | 14500 N / Dynamic load rating (radial) |
| $C_{0r}$            | 9600 N / Static load rating (radial)   |
| $C_{ur}$            | 485 N / radial Fatigue limit load      |
| $n_G$               | 9000 1/min / Limiting speed            |