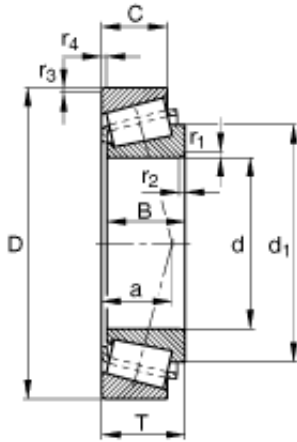




BEARING CORP.



70 mm x 150 mm x 51 mm FAG 32314-BA Tapered Roller Bearing Assemblies

Bearing No. 32314-BA

| | |
|----------------|------------------|
| Size | 70x150x54 mm |
| Bore Diameter | 70 mm |
| Outer Diameter | 150 mm |
| Width | 54 mm |
| d | 70 mm |
| D | 150 mm |
| T | 54 mm |
| a | 44 mm |
| B | 51 mm |
| C | 42 mm |
| $C_{a \min}$ | 7 mm |
| $C_{b \min}$ | 12 mm |
| $D_{a \max}$ | 138 mm |
| $D_{a \min}$ | 117 mm |
| $D_{b \min}$ | 143 mm |
| d_1 | 112 mm |
| $d_{a \max}$ | 83 mm |
| $d_{b \min}$ | 82 mm |
| $r_{1,2 \min}$ | 3 mm |
| $r_{3,4 \min}$ | 2,5 mm |
| $r_{a \max}$ | 3 mm |
| $r_{b \max}$ | 2,5 mm |
| m | 4,52 kg / Weight |
| C | 285000 N |

32314-BA Bearing 2D drawings and 3D CAD models



BEARING CORP.

| | |
|----------|---|
| r | |
| C_{0r} | 395000 N / Static load rating (radial) |
| e | 0,55 |
| Y | 1,1 |
| Y_0 | 0,6 |
| C_{ur} | 48500 N / Fatigue limit load, radial |
| n_G | 4650 1/min / Limiting speed |
| n_B | 3550 1/min / Reference speed |