



# Shandong Chik Bearing Co., Ltd.



100 mm x 215 mm x 47 mm 100 mm x 215 mm  
x 47 mm FAG 30320-A tapered roller bearings

Bearing No. 30320-A

30320-A Bearing 2D drawings and 3D CAD models

|                       |                 |
|-----------------------|-----------------|
| Size                  | 100x215x51.5 mm |
| Bore Diameter         | 100 mm          |
| Outer Diameter        | 215 mm          |
| Width                 | 51,5 mm         |
| d                     | 100 mm          |
| D                     | 215 mm          |
| T                     | 51,5 mm         |
| a                     | 42 mm           |
| B                     | 47 mm           |
| C                     | 39 mm           |
| $C_{a \text{ min}}$   | 6 mm            |
| $C_{b \text{ min}}$   | 12,5 mm         |
| $D_{a \text{ max}}$   | 201 mm          |
| $D_{a \text{ min}}$   | 184 mm          |
| $D_{b \text{ min}}$   | 197 mm          |
| $d_1$                 | 151 mm          |
| $d_{a \text{ max}}$   | 127 mm          |
| $d_{b \text{ min}}$   | 114 mm          |
| $r_{1,2 \text{ min}}$ | 4 mm            |
| $r_{3,4 \text{ min}}$ | 3 mm            |
| $r_{a \text{ max}}$   | 4 mm            |
| $r_{b \text{ max}}$   | 3 mm            |
| m                     | 8,3 kg / Weight |
| C                     | 410000 N        |



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|          |   |
|----------|---|
| r        |   |
| $C_{0r}$ | 500000 N / Static load rating<br>(radial) |
| e        | 0,35                                      |
| Y        | 1,74                                      |
| $Y_0$    | 0,96                                      |
| $C_{ur}$ | 54000 N / Fatigue limit load,<br>radial   |
| $n_G$    | 3400 1/min / Limiting speed               |
| $n_B$    | 2750 1/min / Reference<br>speed           |