

# FAG 713644560 wheel bearings

Our highly-skilled and factory-trained service experts have the resources to help you with all your FAG 713644560 wheel bearings needs – including routine maintenance, major repairs, warranty service, and 90 mm D equipment inspections. 55 mm d

|                        |           |
|------------------------|-----------|
| d                      | 55 mm     |
| D                      | 90 mm     |
| B                      | 18 mm     |
| a min                  | 2.67 mm   |
| a max                  | 2.87 mm   |
| Ca min                 | 5.03 mm   |
| Ca max                 | 5.33 mm   |
| rs min                 | 1.1 mm    |
| rNs min                | 0.5 mm    |
| D3 max                 | 86.79 mm  |
| b min                  | 2.7 mm    |
| b max                  | 3 mm      |
| r0 max                 | 0.6 mm    |
| D4 max                 | 96.5 mm   |
| f                      | 2.46 mm   |
| Snap ring reference    | R90       |
| Radial clearance class | CN        |
| Mass                   | 0.39 kg   |
| Dynamic load, C        | 28.3 kN   |
| Static load, C0        | 21.2 kN   |
| Fatigue limit load, Cu | 0.96 kN   |
| f0                     | 15.3      |
| Nlim (grease)          | 4,500 rpm |

|   |         |
|---|---------|
| Min operating temperature, $T_{min}$          | -25 °C  |
| Max operating temperature, $T_{max}$          | 110 °C  |
| Characteristic cage frequency, FTF            | 0.43 Hz |
| Characteristic rolling element frequency, BSF | 6.88 Hz |
| Characteristic outer ring frequency, BPF0     | 5.58 Hz |
| Characteristic inner ring frequency, BRFI     | 7.42 Hz |
| $d_a$ min                                     | 61.5 mm |
| $d_a$ max                                     | 64 mm   |
| $D_a$ max                                     | 83.5 mm |
| $r_a$ max                                     | 1 mm    |
| $r_{Na}$ max                                  | 0.5 mm  |
| $D_b$ min                                     | 98 mm   |