



**Bearing No. 6217/HC5C3**

|                               |             |
|-------------------------------|-------------|
| D                             | 150 mm      |
| d                             | 85 mm       |
| B                             | 28 mm       |
| Size (mm)                     | 150x85x28   |
| Width (mm)                    | 28          |
| Mass bearing                  | 1.8 kg      |
| $D_2$                         | 134.3 mm    |
| $d_1$                         | 106.05 mm   |
| Limiting speed                | 6700 r/min  |
| Bearing number                | 6217/HC5C3  |
| Reference speed               | 12000 r/min |
| $r_a$ max.                    | 2 mm        |
| $D_a$ max.                    | 139 mm      |
| $d_a$ min.                    | 96 mm       |
| Bore Diameter (mm)            | 150         |
| Outer Diameter (mm)           | 85          |
| $D_a$ - max.                  | 139 mm      |
| $r_{1,2}$ min.                | 2 mm        |
| $d_a$ - min.                  | 96 mm       |
| $r_a$ - max.                  | 2 mm        |
| $d_1$ ?                       | 106.05 mm   |
| $D_2$ ?                       | 134.3 mm    |
| Basic dynamic load rating C   | 87.1 kN     |
| Basic dynamic load rating - C | 87.1 kN     |
| Fatigue load limit $P_u$      | 2.5 kN      |
| Calculation factor $k_r$      | 0.025       |
| Calculation factor $f_0$      | 14.7        |
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|                               |             |

|                                     |        |
|-------------------------------------|--------|
| Calculation factor - $k_f$          | 0.025  |
| Fatigue load limit - $P_u$          | 2.5 kN |
| Basic static load rating<br>$C_0$   | 64 kN  |
| Basic static load rating -<br>$C_0$ | 64 kN  |