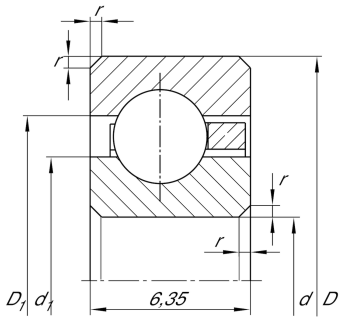


**CSCA035**

Deep groove ball bearing

Deep groove ball bearing, Thin section bearing CSCA, brass sheet metal cage

Technical information

**Your current product variant**

| | | |
|----------------------------------|---------|---|
| Logistical code | HLE | - |
| Sealing | Without | Not sealed |
| Cage | YH | Brass sheet metal |
| Dimensional / heat stabilization | SN | Rings dimensional stabilized up to 120° |
| Tolerance class | PL1 | Class PL1, Normal |
| Radial internal clearance | PL1 | Class PL1, Normal |
| Lubricant | Without | Bearing not greased |

Main Dimensions & Performance Data

| | | |
|----------|-------------|-----------------------------------|
| d | 88,9 mm | Bore diameter |
| D | 101,6 mm | Outside diameter |
| B | 6,35 mm | Width |
| C_r | 4.000 N | Basic dynamic load rating, radial |
| C_{0r} | 4.550 N | Basic static load rating, radial |
| n_G | 6.200 1/min | Limiting speed |
| m | 80 g | Weight |



Dimensions

| | | |
|------------|---------|------------------------------|
| r_{\min} | 0,6 mm | Minimum chamfer dimension |
| d_1 | 93,6 mm | Shoulder diameter inner ring |
| D_1 | 96,9 mm | Shoulder diameter outer ring |

Temperature range

| | | |
|------------|--------|----------------------------|
| T_{\min} | -30 °C | Operating temperature min. |
| T_{\max} | 120 °C | Operating temperature max. |

Characteristics

-  Radial load
-  Axial load in one direction
-  Axial load in two directions
-  Grease Lubrication
-  Oil Lubrication
-  Not sealed