

**CSXA030**

Four-point contact bearing

Four point contact bearing, Thin section bearing CSXA, brass sheet metal cage

Technical information

**Your current product variant**

| | | |
|---------------------------|---------|---------------------|
| Logistical code | HLE | - |
| Type of Sealing | Without | Not sealed |
| Cage | YH | Brass sheet metal |
| Tolerance class | PL1 | Class PL1, Normal |
| Radial internal clearance | PL1 | Class PL1, Normal |
| Lubricant | Without | Bearing not greased |

Main Dimensions & Performance Data

| | | |
|----------|-------------|-----------------------------------|
| d | 76,2 mm | Bore diameter |
| D | 88,9 mm | Outside diameter |
| B | 6,35 mm | Width |
| C_r | 5.100 N | Basic dynamic load rating, radial |
| C_{0r} | 6.800 N | Basic static load rating, radial |
| n_G | 4.550 1/min | Limiting speed |
| m | 70 g | Weight |

Dimensions

| | | |
|-----------|---------|------------------------------|
| r_{min} | 0,6 mm | Minimum chamfer dimension |
| d_1 | 80,9 mm | Shoulder diameter inner ring |
| D_1 | 84,2 mm | Shoulder diameter outer ring |
| α | 30 ° | Contact angle |



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