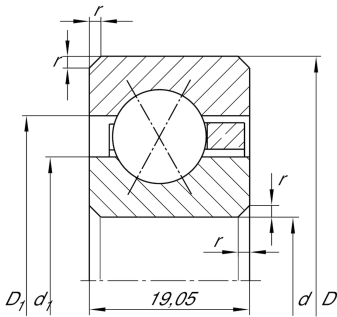


**CSXF090** [↗](#)

Four-point contact bearing

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

Technical information



Your current product variant

| | | |
|---------------------------|---------|---------------------|
| Logistical code | HLE | - |
| Cage | YH | Brass sheet metal |
| Radial internal clearance | PL1 | Class PL1, Normal |
| Lubricant | Without | Bearing not greased |

Main Dimensions & Performance Data

| | | |
|----------|-------------|-----------------------------------|
| d | 228,6 mm | Bore diameter |
| D | 266,7 mm | Outside diameter |
| B | 19,05 mm | Width |
| C_r | 41.500 N | Basic dynamic load rating, radial |
| C_{0r} | 76.000 N | Basic static load rating, radial |
| n_G | 1.160 1/min | Limiting speed |
| m | 1,77 kg | Weight |

Dimensions

| | | |
|-----------|----------|------------------------------|
| r_{min} | 2 mm | Minimum chamfer dimension |
| d_1 | 242,7 mm | Shoulder diameter inner ring |
| D_1 | 252,6 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