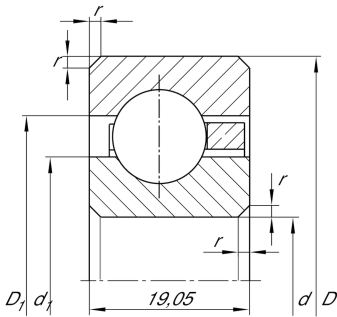


**CSCF100** [↗](#)

## Deep groove ball bearing

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

## Technical information

**Your current product variant**

Logistical code	HLE	-
Type of Seal	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	254 mm	Bore diameter
D	292,1 mm	Outside diameter
B	19,05 mm	Width
$C_r$	32.500 N	Basic dynamic load rating, radial
$C_{0r}$	48.000 N	Basic static load rating, radial
$n_G$	1.970 1/min	Limiting speed
$m$	1,95 kg	Weight







### Dimensions

$r_{min}$	2 mm	Minimum chamfer dimension
$d_1$	268,1 mm	Shoulder diameter inner ring
$D_1$	278 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