

**CSED100**

## Angular contact ball bearing

Angular contact ball bearing, Thin section bearing CSED, brass sheet metal cage

## Technical information



## Your current product variant

Logistical code	HLE	-
Sealing	Without	Not sealed
Cage	YP	Brass sheet metal
Tolerance class	PL1	Class PL1, Normal
Lubricant	Without	Bearing not greased

## Main Dimensions &amp; Performance Data

d	254 mm	Bore diameter
D	279,4 mm	Outside diameter
B	12,7 mm	Width
C <sub>r</sub>	16.900 N	Basic dynamic load rating, radial
C <sub>0r</sub>	33.500 N	Basic static load rating, radial
n <sub>G</sub>	2.070 1/min	Limiting speed
≈m	0,85 kg	Weight






### Dimensions

$r_{min}$	1,5 mm	Minimum chamfer dimension
$d_1$	263,4 mm	Shoulder diameter inner ring
$D_1$	270 mm	Shoulder diameter on outer ring wide side face
$D_2$	272,6 mm	Shoulder diameter on outer ring small side face
$\alpha$	30 °	Contact angle

### Temperature range

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

### Characteristics

-   $F_r$  Radial load
-   $F_a$  Axial load in one direction
-  Grease Lubrication
-  Oil Lubrication
-  Not sealed