

**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	-
Type of Seal	Without	Not sealed
Cage	YP	Brass sheet metal
Tolerance class	PL1	Class PL1, Normal
Lubricant	Without	Bearing not greased

Main Dimensions & Performance Data

d	254 mm	Bore diameter
D	279,4 mm	Outside diameter
B	12,7 mm	Width
C _r	16.900 N	Basic dynamic load rating, radial
C _{0r}	33.500 N	Basic static load rating, radial
n _G	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
α	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