



## CSED100

Angular contact ball bearing

Schaeffler ID:  
0058475080000

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

### Technical information

#### 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
$\approx m$	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.

