



CSED180

Angular contact ball bearing

Schaeffler ID:
0011395250000

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

Technical information

Main Dimensions & Performance Data

d	457,2 mm	Bore diameter
D	482,6 mm	Outside diameter
B	12,7 mm	Width
C_r	20.800 N	Basic dynamic load rating, radial
C_{0r}	60.000 N	Basic static load rating, radial
n_G	1.140 1/min	Limiting speed
$\approx m$	1,49 kg	Weight

Dimensions

r_{\min}	1,5 mm	Minimum chamfer dimension
d_1	466,6 mm	Shoulder diameter inner ring
D_1	473,2 mm	Shoulder diameter on outer ring wide side face
D_2	475,3 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.

