



Brand of NTN Group

Technical data

CES202

Insert bearings



Cylindrical outer diameter, fixing by eccentric locking collar, single lip seal

VISUAL (S)



PRODUCT DEFINITION

Brand	SNR
a - Distance to grooves in OR	1,98 mm
b - Groove width in OR	1,35 mm
B - Width of Inner Ring	19,1 mm
B1 - Overall width Inner Ring	28,6 mm
B2 - Width of eccentric locking collar/nut	13,5 mm
C - Width of Outer Ring	12 mm
d - Shaft diameter	15 mm



NTN Europe

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 S.A. au capital de 322 639 919 € · RCS ANNECY B 325 821 072 · Id. Fiscale : FR 48 325 821 072
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PRODUCT DEFINITION

d1 - Outer dia of eccent. Lock. collar / nut of adapter sleeve	28,6 mm
D - Outer diameter of OR	40 mm
G - Set screw size	M6x1
m - Distance to set screw	5 mm
N1 - Groove dia in OR	38,1 mm
r - Radius Inner Ring	0.6
S - Distance front side/bearing centre	6,5 mm
f0 - Factor	13.2
SW - Wrench size	3 mm

PRODUCT PERFORMANCE

C - Dynamic load rating	9550000 mN
C0 - Static load rating	4780000 mN
Operating temperature min.	253,15 °K
Operating temperature max.	373,15 °K

OTHER FEATURES

Mass	0,13 kg
Recommended tightening torque for set screw	5.5 N-m

BEARING FREQUENCIES

BPFO - Over rolling frequency on outer ring (60 rpm)	3.06937931034483 Hz
BPFI - Over rolling frequency on inner (60 rpm)	4.93062068965517 Hz
BSF - Over rolling frequency on rolling element (60 rpm)	4.06555143793155 Hz
BRF - Rotational frequency - rolling element (60 rpm)	2.03277571896577 Hz
FTF - Rotational frequency - cage (60 rpm)	0.383672413793103 Hz

