



NTN BEARING CORPORATION OF AMERICA

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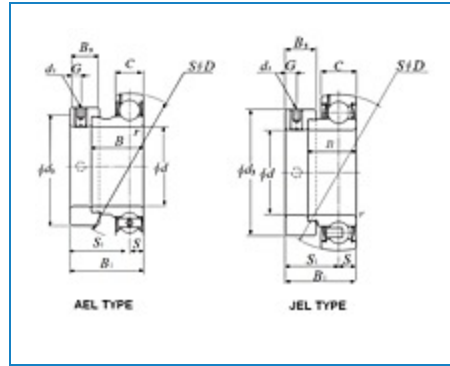
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Item # AEL207D1, Bearing Insert w/ Eccentric Locking Collar, Narrow Inner Ring - Spherical O.D.



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Technical Specifications

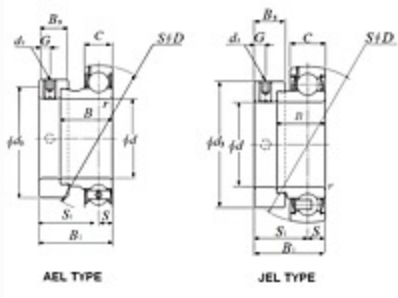
Type

Insert Bearing

Bore Type	Round
Bearing Type	Ball Bearing
Material	Through Hardened Steel
Ball Material	Steel
Limiting Speed - Grease	4200 RPM
Seal Type	Contact
Seal Material	Nitrile Rubber
Performance	Standard Duty
Configuration	One
Locking Device	Eccentric Locking Collar
Collar Number	EL207
Basic Outer Ring	207
Radial Internal Clearance	CN
Static Load Rating	3440 lbf 15300 N 15.30 kN
Dynamic Load Rating	5778 lbf 25700 N 25.70 kN
Enclosure	Double Sealed
Weight	1.080 lb 2.380 kg
Operating Temperature Range	-40 to 250 °F -40 to 120 °C

Dimensional Specifications





Bearing Insert w/ Eccentric Locking Collar, Narrow Inner Ring - Spherical O.D. - Dimensions

d	1-3/8 in 35.000 mm
D	2.8350 in 72.000 mm
C	2.1654 in 55.000 mm
B	2.1650 in 55.000 mm
B1	1.5315 in 38.900 mm
r	0.0591 in 1.500 mm
ds	M10x1.25
G	0.26770 in 6.800 mm
d3	2.18500 in 55.500 mm
B5	0.68900 in 17.500 mm
S1	1.15750 in 29.400 mm
S	0.37400 in 9.500 mm

Radial Dynamic Load Rating

5778 lbf
25700 N

Radial Static Load Rating

3440 lbf
15300 N