


NTN BEARING CORPORATION OF AMERICA

Head Office

1600 E. Bishop Court, P.O. Box 7604

Mount Prospect, IL 60056-7604, U.S.A.

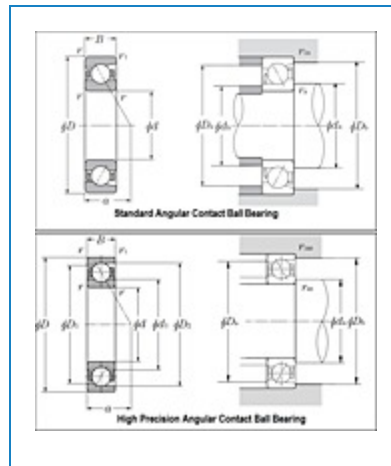
Phone: 847-298-7500

Fax: 847-699-9744

Toll Free: 800-323-2358

Email: mkt@ntnamerica.com
Website: www.ntnamericas.com

Item # 7205B, Single Angular Contact Ball Bearing - Open Type


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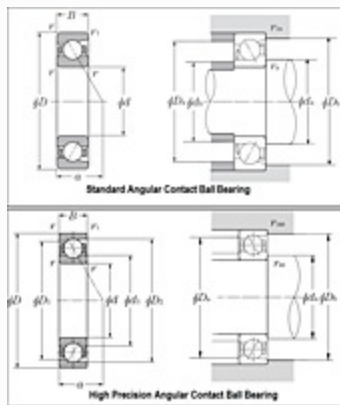
Technical Specifications

Type

Angular Contact Ball Bearing

Bore Type	Round
Material	High Carbon Chrome Steel
Cage Type	Pressed
Cage Material	Steel
Ball Material	Steel
Limiting Speed - Oil	16000 RPM
Limiting Speed - Grease	12000 RPM
Precision	ISO Class 0
Configuration	One
Static Load Rating	2110 lbf 9400 N 9.40 kN
Dynamic Load Rating	3350 lbf 14800 N 14.80 kN
Enclosure	Open
Weight	0.287 lb 0.130 kg
Operating Temperature Range	-40 to 250 °F -40 to 120 °C

Dimensional Specifications



Single Angular Contact Ball Bearings - Open Type - Dimensions

d	0.9843 in 25.000 mm
D	2.0472 in 52.000 mm
B	0.5906 in 15.000 mm
r	0.0394 in 1.000 mm
r1	0.0236 in 0.600 mm
Contact Angle	40 °
a (Load Center)	0.9449 in 24.000 mm
da min	1.2008 in 30.500 mm
db min	1.1614 in 29.500 mm
Da max	1.8307 in 46.500 mm
Db max	1.8701 in 47.500 mm
ras max	0.0394 in 1.000 mm
r1as max	0.0236 in 0.600 mm
Double Row Width	1.1811 in 30.000 mm
Triple Row Width	1.7717 in 45.000 mm
Quadruple Row Width	2.3622 in 60.000 mm