


NTN BEARING CORPORATION OF AMERICA

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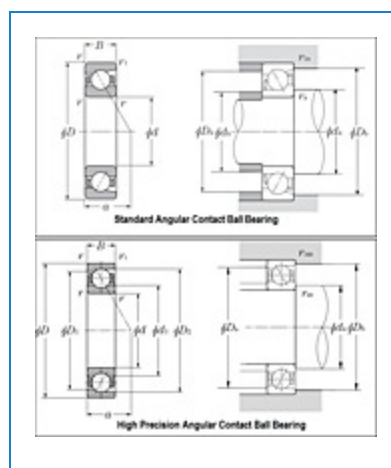
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Item # 7306B, Single Angular Contact Ball Bearing - Open Type


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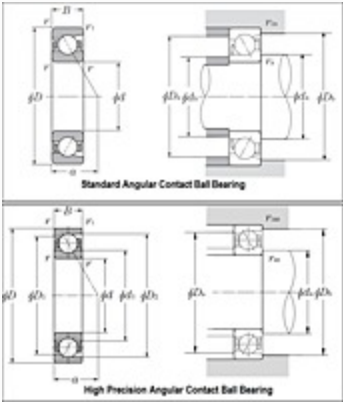
Technical Specifications

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	13000 RPM
Limiting Speed - Grease	9600 RPM
Precision	ISO Class 0
Configuration	One
Static Load Rating	4600 lbf 20500 N 20.50 kN
Dynamic Load Rating	6950 lbf 31000 N 31.00 kN
Enclosure	Open
Weight	0.787 lb 0.357 kg
Operating Temperature Range	-40 to 250 °F -40 to 120 °C

Dimensional Specifications



Single Angular Contact Ball Bearings - Open Type - Dimensions

d	1.1811 in 30.000 mm
D	2.8346 in 72.000 mm
B	0.7480 in 19.000 mm
r	0.0433 in 1.100 mm
r1	0.0236 in 0.600 mm
Contact Angle	40 °
a (Load Center)	1.2402 in 31.500 mm
da min	1.4567 in 37.000 mm
db min	1.3583 in 34.500 mm
Da max	2.5591 in 65.000 mm
Db max	2.6575 in 67.500 mm
ras max	0.0394 in 1.000 mm
r1as max	0.0236 in 0.600 mm
Double Row Width	1.4961 in 38.000 mm
Triple Row Width	2.2441 in 57.000 mm
Quadruple Row Width	2.9921 in 76.000 mm