


NTN BEARING CORPORATION OF AMERICA

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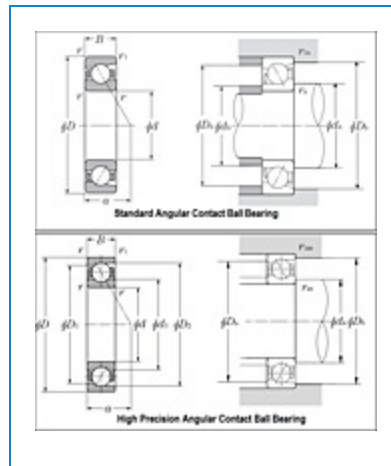
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Item # 7004, Single Angular Contact Ball Bearing - Open Type


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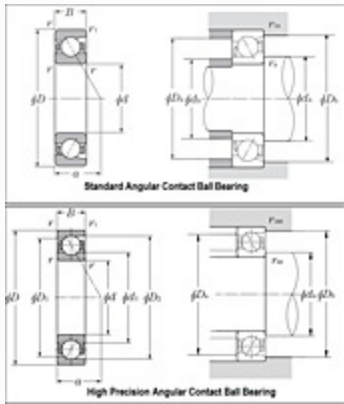
Technical Specifications

Type

Angular Contact Ball Bearing

Bore Type	Round
Material	High Carbon Chrome Steel
Cage Type	Fiber Glass Reinforced
Cage Material	Nylon
Ball Material	Steel
Limiting Speed - Oil	25000 RPM
Limiting Speed - Grease	19000 RPM
Precision	ISO Class 0
Configuration	One
Static Load Rating	1260 lbf 5600 N 5.60 kN
Dynamic Load Rating	2180 lbf 9700 N 9.70 kN
Enclosure	Open
Weight	0.163 lb 0.074 kg
Operating Temperature Range	-40 to 250 °F -40 to 120 °C

Dimensional Specifications



Single Angular Contact Ball Bearings - Open Type - Dimensions

d	0.7874 in 20.000 mm
D	1.6535 in 42.000 mm
B	0.4724 in 12.000 mm
r	0.0236 in 0.600 mm
r1	0.0118 in 0.300 mm
Contact Angle	30 °
a (Load Center)	0.5906 in 15.000 mm
da min	0.9646 in 24.500 mm
Da max	1.4764 in 37.500 mm
Db max	1.5551 in 39.500 mm
ras max	0.0236 in 0.600 mm
r1as max	0.0118 in 0.300 mm
Double Row Width	0.9449 in 24.000 mm
Triple Row Width	1.4173 in 36.000 mm
Quadruple Row Width	1.8898 in 48.000 mm