



ITEM NUMBER

BNT008

Single Angular Contact Ball Bearings for
Motors and Lathes

Single Angular Contact Ball Bearings for Motors and
Lathes

d
40 mm
Bore

D
68 mm
Outside diameter

B
15 mm
Width

View details: <https://catson.vn/tra-cuu-vong-bi/ntn/bnt008/?lang=en>

Technical Specifications

Type	Main Spindle Bearing
Bore Type	Round
Material	High Carbon Chrome Steel
Cage Type	Machined
Cage Material	Phenolic Resin
Ball Material	Steel
Limiting Speed - Oil	36100 RPM
Limiting Speed - Grease	18100 RPM
Configuration	One
Factor	10.0
Static Load Rating	10400 N
Dynamic Load Rating	15700 N
Enclosure	Open
Operating Temperature Range	-40 to 120 °C

Dimensional Specifications

d	40.000 mm
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D	68.000 mm
B	15.000 mm
d1	48.800 mm
d2	45.700 mm
D1	59.400 mm
r	1.000 mm
r1	0.600 mm
Contact Angle	15 °
a	14.800 mm
da min	45.500 mm
db min	44.500 mm
Da max	62.500 mm
ras max	1.000 mm
r1as max	0.600 mm
Double Row Width	30.000 mm
Triple Row Width	45.000 mm
Quadruple Row Width	60.000 mm

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