



ITEM NUMBER

BNT204

Single Angular Contact Ball Bearings for
Motors and Lathes

Single Angular Contact Ball Bearings for Motors and
Lathes

d
20 mm
Bore

D
47 mm
Outside diameter

B
14 mm
Width

View details: <https://catson.vn/tra-cuu-vong-bi/ntn/bnt204/?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	61900 RPM
Limiting Speed - Grease	30900 RPM
Configuration	One
Factor	8.8
Static Load Rating	5350 N
Dynamic Load Rating	11200 N
Enclosure	Open
Operating Temperature Range	-40 to 120 °C

Dimensional Specifications

d	20.000 mm
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D	47.000 mm
B	14.000 mm
d1	29.400 mm
d2	26.200 mm
D1	39.400 mm
r	1.000 mm
r1	0.600 mm
Contact Angle	15 °
a	11.500 mm
da min	25.500 mm
db min	24.500 mm
Da max	41.500 mm
ras max	1.000 mm
r1as max	0.600 mm
Double Row Width	28.000 mm
Triple Row Width	42.000 mm
Quadruple Row Width	56.000 mm

CONTACT

Email: infos@catson.com.vn

Website: www.catson.vn

Phone: +84 28 3820 8888

Fax: +84 28 3826 8888

