



AFEX Bearing Equipment Co., Ltd.

20 mm x 52 mm x 15 mm NTN Bearing 6304C3 Single Row Deep Groove Radial Ball Bearing 20x52x15

Bearing No. 6304C3

d	20 mm
D	52 mm
B	15 mm
rs min	1.1 mm
Radial clearance class	C3
Mass	0.14 kg
Dynamic load, C	15.9 kN
Static load, C0	7.9 kN
Fatigue limit load, Cu	0.36 kN
f0	12.4
Nlim (oil)	17,000 rpm
Nlim (grease)	14,000 rpm
Min operating temperature, Tmin	-60 ° C
Characteristic cage frequency, FTF	0.37 Hz
Characteristic rolling element frequency, BSF	3.52 Hz
Characteristic outer ring frequency, BPF0	2.57 Hz
Characteristic inner ring frequency, BRFI	4.43 Hz
da min	26.5 mm
Da max	45.5 mm
ra max	1 mm
Category	Single Row Ball Bearings

6304C3 Bearing 2D drawings and 3D CAD models



AFEX Bearing Equipment Co., Ltd.

Inventory	8.0
Manufacturer Name	NTN
Minimum Buy Quantity	N/A
Weight / Kilogram	0.144
EAN	4547359573725
Product Group	B00308
Enclosure	Open
Precision Class	ABEC 1 ISO P0
Maximum Capacity / Filling Slot	No
Rolling Element	Ball Bearing
Snap Ring	No
Internal Special Features	No
Cage Material	Steel
Internal Clearance	C3-Loose
Inch - Metric	Metric
Long Description	20MM Bore; 52MM Outside Diameter; 15MM Outer Race Diameter; Open; Ball Bearing; ABEC 1 ISO P0; No Filling Slot; No Snap Ring; No Internal Special Features
Category	Single Row Ball Bearing
UNSPSC	31171504
Harmonized Tariff Code	8482.10.50.68
Noun	Bearing
Keyword String	Ball
Manufacturer URL	http://www.ntnamerica.com
Manufacturer Item Number	6304UC3
Weight / LBS	0.317
Bore	0.787 Inch 20 Millimeter
Outer Race Width	0.591 Inch 15 Millimeter
Outside Diameter	2.047 Inch 52 Millimeter



AFEX Bearing Equipment Co., Ltd.

bore diameter:	20 mm
finish/coating:	Uncoated
outside diameter:	52 mm
bearing material:	High Carbon Chrome Steel
overall width:	15 mm
cage material:	Steel
bore type:	Round
inner ring width:	15 mm
closure type:	Open
outer ring width:	15 mm
row type & fill slot:	Single Row Non-Fill Slot
maximum rpm (grease):	14000 rpm
snap ring included:	Without Snap Ring
maximum rpm (oil):	17000 rpm
internal clearance:	C3
fillet radius:	1.1 mm
operating temperature range:	-40 to 120 ° C
maximum rpm:	17000 RPM
dynamic load capacity:	15900 N
series:	63
static load capacity:	7900 N
manufacturer product page:	Click here
precision rating:	Class 0