



# Toyana Bearing Manufacturing of Canada

## 20 mm x 47 mm x 14 mm NTN 7204 Flange Block Bearings



Bearing No. 7204

7204 Bearing 2D drawings and 3D CAD models

Size	20x47x14 mm
Bore Diameter	20 mm
Outer Diameter	47 mm
Width	14 mm
d	20 mm
D	47 mm
B	14 mm
C	14 mm
Angle ( )	25 °
a	17 mm
r min.	1 mm
r1 min.	0,6 mm
da min.	25,5 mm
db min	24,5 mm
ra max.	1 mm
Weight	0,1 Kg
Basic dynamic load rating (C)	14,5 kN
Basic static load rating (C0)	8,4 kN
(Grease) Lubrication Speed	17 000 r/min
Contact angle	30 °
rs min	1 mm
r1s min	0.6 mm
Mass	0.1 kg
Dynamic load, C	14.5 kN
Static load, C0	8.4 kN



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Fatigue limit load, Cu	0.38 kN
Nlim (oil)	23,000 rpm
Nlim (grease)	17,000 rpm
Min operating temperature, Tmin	-40 ° C
Max operating temperature, Tmax	120 ° C
da min	25.5 mm
Da max	41.5 mm
Db max	42.5 mm
r1a max	0.6 mm
ra max	0.6 mm
outside diameter:	2.0470 in
series:	4T
cup width:	0.5000 in
lubrication hole type:	No Hole
single or double cup:	Single Cup
finish/coating:	Uncoated
flange type:	Non-Flanged Cup
manufacturer product page:	<a href="#">Click here</a>
material:	Case Carburized Steel
manufacturer upc number:	4547359511956
compatible cone:	4T-07087
weight:	0.103 kg
fillet radius:	0.05 in
bore diameter:	20 mm
radial dynamic load capacity:	3250 lb
radial static load capacity:	1890 lb
overall width:	14 mm
outer ring width:	14 mm
contact angle:	30 °
maximum rpm:	23000 RPM



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row type & fill slot:	Single-Row Non-Fill Slot
internal clearance:	C0
precision rating:	Not Rated
bore type:	Round
closure type:	Open