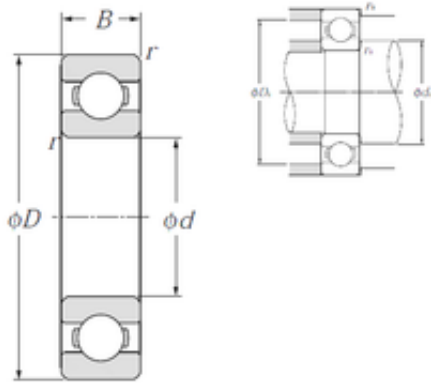




200 mm x 250 mm x 24 mm NTN 6840 deep groove ball bearings



Bearing No. 6840

6840 Bearing 2D drawings and 3D CAD models

Size	200x250x24 mm
Bore Diameter	200 mm
Outer Diameter	250 mm
Width	24 mm
d	200 mm
D	250 mm
B	24 mm
C	24 mm
r min.	1,5 mm
Da max.	242 mm
db min	208 mm
ra max.	1,5 mm
Weight	2,73 Kg
Basic dynamic load rating (C)	74 kN
Basic static load rating (C0)	91,5 kN
(Grease) Lubrication Speed	2 300 r/min
(Oil) Lubrication Speed	2 700 r/min
rs min	1.5 mm
Radial clearance class	CN
Mass	2.73 kg
Dynamic load, C	74 kN
Static load, C0	91.5 kN
Fatigue limit load, Cu	2.75 kN
f0	16.1
Nlim (oil)	2,700 rpm



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Nlim (grease)	2,300 rpm
Min operating temperature, Tmin	-20 ° C
Max operating temperature, Tmax	120 ° C
Characteristic cage frequency, FTF	0.47 Hz
Characteristic rolling element frequency, BSF	14.85 Hz
Characteristic outer ring frequency, BPF0	11.66 Hz
Characteristic inner ring frequency, BRF1	13.34 Hz
da min	208 mm
Da max	242 mm
ra max	1.5 mm
Category	Single Row Ball Bearings
Inventory	0.0
Manufacturer Name	NTN
Minimum Buy Quantity	N/A
Weight / Kilogram	2.7
EAN	4547359414691
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	C0-Medium
Inch - Metric	Metric
Long Description	200MM Bore; 250MM Outside Diameter; 24MM



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	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	6840
Weight / LBS	5.945
Outer Race Width	0.945 Inch 24 Millimeter
Bore	7.874 Inch 200 Millimeter
Outside Diameter	9.843 Inch 250 Millimeter
bore diameter:	200 mm
precision rating:	Class 0
outside diameter:	250 mm
finish/coating:	Uncoated
overall width:	24 mm
bearing material:	High Carbon Chrome Steel
bore type:	Round
cage material:	Brass
closure type:	Open
inner ring width:	24 mm
row type & fill slot:	Single Row Non-Fill Slot
outer ring width:	24 mm
snap ring included:	Without Snap Ring
maximum rpm (grease):	2300 rpm
internal clearance:	CN
maximum rpm (oil):	2700 rpm
operating temperature	-40 to 120 ° C



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range:	
fillet radius:	1.5 mm
dynamic load capacity:	74000 N
series:	68
static load capacity:	91500 N
manufacturer product page:	Click here