



NTN 6910 Deep Groove Single Row Ball Bearing 740010

Bearing No. 6910

6910 Bearing 2D drawings and 3D CAD models

Size	50x72x12 mm
Bore Diameter	50 mm
Outer Diameter	72 mm
Width	12 mm
d	50 mm
D	72 mm
B	12 mm
C	12 mm
r min.	0,6 mm
da min.	54 mm
da max	55,5 mm
Da max.	68 mm
ra max.	0,6 mm
Weight	0,132 Kg
Basic dynamic load rating (C)	13,4 kN
Basic static load rating (C0)	11,2 kN
(Grease) Lubrication Speed	8 900 r/min
(Oil) Lubrication Speed	11 000 r/min
rs min	0.6 mm
Radial clearance class	CN
Mass	0.13 kg
Dynamic load, C	13.4 kN
Static load, C0	11.2 kN
Fatigue limit load, Cu	0.51 kN
f0	16.3



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Nlim (oil)	11,000 rpm
Nlim (grease)	8,900 rpm
Min operating temperature, Tmin	-20 ° C
Max operating temperature, Tmax	120 ° C
Characteristic cage frequency, FTF	0.45 Hz
Characteristic rolling element frequency, BSF	9.5 Hz
Characteristic outer ring frequency, BPF0	7.62 Hz
Characteristic inner ring frequency, BRF1	9.38 Hz
da min	54 mm
Da max	68 mm
ra max	0.6 mm
Category	Single Row Ball Bearings
Inventory	0.0
Manufacturer Name	NTN
Minimum Buy Quantity	N/A
Weight / Kilogram	0.137
EAN	4547359006872
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



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Long Description	50MM Bore; 72MM Outside Diameter; 12MM 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	6910
Weight / LBS	0.303
Outside Diameter	2.835 Inch 72 Millimeter
Outer Race Width	0.472 Inch 12 Millimeter
Bore	1.969 Inch 50 Millimeter
bore diameter:	50 mm
finish/coating:	Uncoated
outside diameter:	72 mm
bearing material:	High Carbon Chrome Steel
overall width:	12 mm
cage material:	Steel
bore type:	Round
inner ring width:	12 mm
closure type:	Open
outer ring width:	12 mm
row type & fill slot:	Single Row Non-Fill Slot
maximum rpm (grease):	8900 rpm
snap ring included:	Without Snap Ring
maximum rpm (oil):	11000 rpm
internal clearance:	CN



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fillet radius:	0.6 mm
operating temperature range:	-40 to 120 ° C
maximum rpm:	11000 RPM
dynamic load capacity:	13400 N
series:	69
static load capacity:	11200 N
manufacturer product page:	Click here
precision rating:	Class 0