



6028 Bearing 2D drawings and 3D CAD models

High Speed Low Noise Deep Groove Ball Bearing Price NTN 6028 ZZ 2RS Bearing

Bearing No. 6028

Size	140x210x33 mm
Bore Diameter	140 mm
Outer Diameter	210 mm
Width	33 mm
d	140 mm
D	210 mm
B	33 mm
C	33 mm
r min.	2 mm
da min.	149 mm
da max	158 mm
Da max.	201 mm
ra max.	2 mm
Weight	3,35 Kg
Basic dynamic load rating (C)	110 kN
Basic static load rating (C0)	109 kN
(Grease) Lubrication Speed	3 000 r/min
(Oil) Lubrication Speed	3 500 r/min
rs min	2 mm
Radial clearance class	CN
Mass	3.35 kg
Dynamic load, C	110 kN
Static load, C0	109 kN
Fatigue limit load, Cu	3.75 kN
f0	15.9



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Nlim (oil)	3,500 rpm
Nlim (grease)	3,000 rpm
Min operating temperature, Tmin	-20 ° C
Max operating temperature, Tmax	120 ° C
Characteristic cage frequency, FTF	0.44 Hz
Characteristic rolling element frequency, BSF	8.36 Hz
Characteristic outer ring frequency, BPF0	7.06 Hz
Characteristic inner ring frequency, BPF1	8.94 Hz
da min	149 mm
Da max	201 mm
ra max	2 mm
Category	Single Row Ball Bearings
Inventory	2.0
Manufacturer Name	NTN
Minimum Buy Quantity	N/A
Weight / Kilogram	3.57
EAN	4547359338218
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	140MM Bore; 210MM Outside Diameter; 33MM 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.snrbearings.com
Manufacturer Item Number	6028
Weight / LBS	7.854
Bore	5.512 Inch 140 Millimeter
Outer Race Width	1.299 Inch 33 Millimeter
Outside Diameter	8.268 Inch 210 Millimeter
bore diameter:	140 mm
precision rating:	Class 0
outside diameter:	210 mm
finish/coating:	Uncoated
overall width:	33 mm
bearing material:	High Carbon Chrome Steel
bore type:	Round
cage material:	Steel
closure type:	Open
inner ring width:	33 mm
row type & fill slot:	Single Row Non-Fill Slot
outer ring width:	33 mm
snap ring included:	Without Snap Ring
maximum rpm (grease):	3000 rpm
internal clearance:	CN



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maximum rpm (oil):	3500 rpm
operating temperature range:	-40 to 120 ° C
fillet radius:	2 mm
dynamic load capacity:	110000 N
manufacturer product page:	Click here
static load capacity:	109000 N