

FAG 6305-2RSR deep groove ball bearings

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d	55 mm
D	100 mm
B	21 mm
rs min	1.5 mm
Radial clearance class	CN
Mass	0.6 kg
Dynamic load, C	43.5 kN
Static load, C0	29.2 kN
Fatigue limit load, Cu	1.33 kN
f0	14.3
Nlim (oil)	7,600 rpm
Nlim (grease)	6,400 rpm
Min operating temperature, Tmin	-20 °C
Max operating temperature, Tmax	120 °C
Characteristic cage frequency, FTF	0.41 Hz
Characteristic rolling element frequency, BSF	5.24 Hz
Characteristic outer ring frequency, BPF0	4.08 Hz
Characteristic inner ring frequency, BRFI	5.92 Hz
da min	63 mm

Da max	92 mm
ra max	1.5 mm
Inventory	0.0
Manufacturer Name	NTN
Minimum Buy Quantity	N/A
Weight / Kilogram	0.587
EAN	4547359367614
Product Group	B00308
Enclosure	1 Metal Shield
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	55MM Bore; 100MM Outside Diameter; 21MM Outer Race Width; 1 Metal Shield; Ball Bearing; ABEC 1 ISO
Other Features	Deep Groove
UNSPSC	31171504
Harmonized Tariff Code	8482.10.50.68
Noun	Bearing
Keyword String	Ball
Manufacturer Item Number	6211Z
Weight / LBS	1.292

Outside Diameter	3.937 Inch 100 Millimeter
Inner Race Width	0 Inch 0 Millimeter
Outer Race Width	0.827 Inch 21 Millimeter
Bore	2.165 Inch 55 Millimeter
bore diameter:	55 mm
precision rating:	ISO Class 0
outside diameter:	100 mm
finish/coating:	Uncoated
overall width:	21 mm
bearing material:	High Carbon Chrome Steel
bore type:	Round
cage material:	Steel
closure type:	Single Shield
inner ring width:	21 mm
row type & fill slot:	Single Row Non-Fill Slot
outer ring width:	21 mm
snap ring included:	Without Snap Ring
maximum rpm (grease):	6400 rpm
internal clearance:	CN
maximum rpm (oil):	7600 rpm
operating temperature range:	-40 to 120 °C
fillet radius:	1.5 mm
dynamic load capacity:	43500 N
manufacturer product page:	Click here
static load capacity:	29200 N