



BEARING DRIVESHAFT, INC.

45 mm x 85 mm x 19 mm PSL610-305 Tapered
Roller Bearing 170x220x27mm

Bearing No. 6209ZZC3/5C

6209ZZC3/5C Bearing 2D drawings and 3D CAD
models

d	45 mm
D	85 mm
B	19 mm
rs min	1.1 mm
Radial clearance class	C3
Mass	0.4 kg
Dynamic load, C	32.5 kN
Static load, C0	20.4 kN
Fatigue limit load, Cu	0.93 kN
f0	14.1
Nlim (grease)	7,800 rpm
Min operating temperature, Tmin	-30 ° C
Max operating temperature, Tmax	175 ° C
Characteristic cage frequency, FTF	0.4 Hz
Characteristic rolling element frequency, BSF	4.92 Hz
Characteristic outer ring frequency, BPF0	3.62 Hz
Characteristic inner ring frequency, BPF1	5.38 Hz
da min	51.5 mm
Da max	78.5 mm
ra max	1 mm
Category	Single Row Ball Bearings



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Inventory	0.0
Manufacturer Name	NTN
Minimum Buy Quantity	N/A
Weight / Kilogram	0.41
Product Group	B00308
Enclosure	2 Metal Shields
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	C3-Loose
Inch - Metric	Metric
Long Description	45MM Bore; 85MM Outside Diameter; 19MM Outer Race Diameter; 2 Metal Shields; 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	6209ZZC3/5C
Weight / LBS	0.897
Outer Race Width	0.748 Inch 19 Millimeter
Outside Diameter	3.346 Inch 85 Millimeter
Bore	1.772 Inch 45 Millimeter