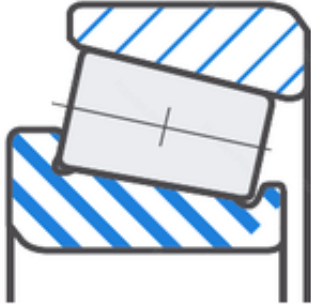




## NTN Bearing Manufacturing



45 mm x 75 mm x 20 mm SNR 32009VC12  
tapered roller bearings

Bearing No. 32009VC12

32009VC12 Bearing 2D drawings and 3D CAD models

Size	45x75x20.02 mm
Bore Diameter	45 mm
Outer Diameter	75 mm
Width	20,02 mm
d	45 mm
D	75 mm
B	20 mm
C	15.5 mm
T	20 mm
d1	61.1 mm
a	16.6 mm
rs min	1 mm
r1s min	1 mm
e	0.39
Y2	1.53
Y0	0.84
Mass	0.34 kg
ISO 355 reference	T3CC045
Dynamic load, C	59.4 kN
Rating life coefficient, A2	1
Static load, C0	80.2 kN
Fatigue limit load, Cu	9.8 kN
Nref	5,600 rpm
Nlim	9,300 rpm
Min operating temperature, Tmin	-40 ° C



## NTN Bearing Manufacturing

Max operating temperature, Tmax	120 ° C
Characteristic cage frequency, FTF	0.44 Hz
Characteristic rolling element frequency, BSF	8.2 Hz
Characteristic outer ring frequency, BPF0	9.28 Hz
Characteristic inner ring frequency, BPF1	11.72 Hz
da max	51 mm
db min	50.5 mm
Da min	67 mm
Da max	69.5 mm
Db min	72 mm
Ca min	4 mm
Cb min	4.5 mm
ra max	1 mm
r1a max	1 mm