



Bearing No. 32009VC12

a	16.6 mm
d	45 mm
D	75 mm
B	20 mm
C	15.5 mm
T	20 mm
e	0.39
Y2	1.53
d1	61.1 mm
Y0	0.84
Nref	5,600 rpm
Nlim	9,300 rpm
Mass	0.34 kg
Db min	72 mm
Ca min	4 mm
db min	50.5 mm
da max	51 mm
rs min	1 mm
Da min	67 mm
Cb min	4.5 mm
ra max	1 mm
Da max	69.5 mm
r1a max	1 mm
r1s min	1 mm
Size (mm)	45x75x20.02
Width (mm)	20,02
Bearing number	32009VC12
Dynamic load, C	59.4 kN
Static load, C0	80.2 kN
ISO 355 reference	T3CC045

Bore Diameter (mm)	45
Outer Diameter (mm)	75
Fatigue limit load, Cu	9.8 kN
Rating life coefficient, A2	1
Max operating temperature, Tmax	120 °C
Min operating temperature, Tmin	-40 °C
Characteristic cage frequency, FTF	0.44 Hz
Characteristic outer ring frequency, BPF0	9.28 Hz
Characteristic inner ring frequency, BRFI	11.72 Hz
Characteristic rolling element frequency, BSF	8.2 Hz