



Bearing No. 4T-33109

B	26 mm
C	20,5 mm
e	0.38
d	45 mm
D	80 mm
T	26 mm
a	19,5 mm
Sa	4 mm
Sb	5,5 mm
Y2	1.57
Y0	0.86
d1	63 mm
Mass	0.54 kg
Weight	0,542 Kg
Ca min	4 mm
Db min	77 mm
da max	52 mm
Da max	71.5 mm
rs min	1.5 mm
Da min	69 mm
db min	53.5 mm
r min.	1,5 mm
Cb min	5.5 mm
ra max	1.5 mm
r1s min	1.5 mm
r1a max	1.5 mm
Db min.	77 mm
ra max.	1,5 mm
db max.	52 mm
Da max.	71,5 mm

da min.	53,5 mm
r1 min.	1,5 mm
ra1 max.	1,5 mm
Size (mm)	45x80x26
Nlim (oil)	6,200 rpm
Width (mm)	26
Nlim (grease)	4,700 rpm
Bearing number	4T-33109
Dynamic load, C	84.5 kN
Static load, C0	115 kN
ISO 355 reference	T3CE045
Bore Diameter (mm)	45
Outer Diameter (mm)	80
Calculation factor (e)	0,38
Fatigue limit load, Cu	14 kN
Calculation factor (Y0)	0,86
(Oil) Lubrication Speed	6 200 r/min
(Grease) Lubrication Speed	4 700 r/min
Rating life coefficient, A2	1.4
Basic static load rating (C0)	115 kN
Basic dynamic load rating (C)	84,5 kN
Max operating temperature, Tmax	120 °C
Min operating temperature, Tmin	-40 °C
Characteristic cage frequency, FTF	0.43 Hz
Characteristic inner ring frequency, BPF1	11.88 Hz
Characteristic outer ring frequency, BPF0	9.12 Hz
Characteristic rolling	7.22 Hz

element frequency, BSF	
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