



NTN Bearing Rolamentos do Brasil Ltda.



NTN K89312 Thrust cylindrical roller bearing cages

Bearing No. K89312

K89312 Bearing 2D drawings and 3D CAD models

Bore Diameter	60,000 mm
Outer Diameter	110,000 mm
d	60,000 mm
D	110,000 mm
Dw	9,000 mm
Dc1	60 mm
Dc	110 mm
Lw	9 mm
Bearing ring (inner ring) WS	WS89312
Bearing ring (outer ring) GS	GS89312
Ea	105.3 mm
Eb	68.9 mm
Cage assembly mass	0.25 kg
Ca	162 kN
C0a	600 kN
Nlim (grease)	680 rpm
Nlim (oil)	2,700 rpm
Min operating temperature, Tmin	-20 ° C
Max operating temperature, Tmax	120 ° C
Characteristic cage frequency, FTF	0.5 Hz
Characteristic rolling element frequency, BSF	9.68 Hz
Characteristic outer ring	9.5 Hz



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frequency, BPF0	
Characteristic inner ring frequency, BRFI	9.5 Hz
Category	Roller Bearings
Inventory	0.0
Manufacturer Name	NTN
Minimum Buy Quantity	N/A
Weight / Kilogram	0.247
EAN	4547359095623
Product Group	B04144