



NTN-SNR BEARING RULMENTI S.R.L.

420 mm x 560 mm x 106 mm NTN 23984L1C3
Double row spherical roller bearings

Bearing No. 23984L1C3

d	420 mm
D	560 mm
B	106 mm
d2	455.5 mm
D1	493.2 mm
rs min	4 mm
Number of lubrication holes	8
b	16 mm
k	10 mm
e	0.17
Y1	3.95
Y2	5.88
Y0	3.86
Radial clearance class	C3
Dynamic load, C	1,630 kN
Static load, C0	3,850 kN
Fatigue limit load, Cu	324 kN
Nref	690 rpm
Nlim	950 rpm
Min operating temperature, Tmin	-40 ° C
Max operating temperature, Tmax	120 ° C
Characteristic cage frequency, FTF	0.47 Hz
Characteristic rolling element frequency, BSF	15.84 Hz

23984L1C3 Bearing 2D drawings and 3D CAD models



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Characteristic outer ring frequency, BPF0	19.69 Hz
Characteristic inner ring frequency, BRFI	22.31 Hz
da min	434.6 mm
Da max	545.4 mm
ra max	3 mm