



BEARING ITALIA S.P.A

420 mm x 620 mm x 150 mm NTN
23084BL1C3 Double row spherical roller bearings

Bearing No. 23084BL1C3

d	420 mm
D	620 mm
B	150 mm
d2	488 mm
D1	561.4 mm
rs min	5 mm
Number of lubrication holes	8
b	20 mm
k	12 mm
e	0.24
Y1	2.85
Y2	4.24
Y0	2.78
Radial clearance class	C3
Dynamic load, C	3,100 kN
Static load, C0	6,400 kN
Fatigue limit load, Cu	517 kN
Nref	640 rpm
Nlim	800 rpm
Min operating temperature, Tmin	-40 ° C
Max operating temperature, Tmax	120 ° C
Characteristic cage frequency, FTF	0.45 Hz
Characteristic rolling element frequency, BSF	10.61 Hz

23084BL1C3 Bearing 2D drawings and 3D CAD models



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Characteristic outer ring frequency, BPF0	13.16 Hz
Characteristic inner ring frequency, BRFI	15.84 Hz
da min	438 mm
Da max	602 mm
ra max	4 mm
Category	Bearings
Inventory	0.0
Manufacturer Name	NTN
Minimum Buy Quantity	N/A
Weight / Kilogram	174
Product Group	B04311