



NTN-SNR BEARING RULMENTI S.R.L.

400 mm x 600 mm x 200 mm NTN
24080BL1C3 Double row spherical roller bearings

Bearing No. 24080BL1C3

d	400 mm
D	600 mm
B	200 mm
d2	461 mm
D1	527.7 mm
rs min	5 mm
Number of lubrication holes	8
b	27 mm
k	16 mm
e	0.32
Y1	2.09
Y2	3.11
Y0	2.04
Radial clearance class	C3
Dynamic load, C	3,850 kN
Static load, C0	8,400 kN
Fatigue limit load, Cu	465 kN
Nref	480 rpm
Nlim	1,000 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	10.16 Hz

24080BL1C3 Bearing 2D drawings and 3D CAD models



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Characteristic outer ring frequency, BPF0	12.66 Hz
Characteristic inner ring frequency, BRFI	15.34 Hz
da min	418 mm
Da max	582 mm
ra max	4 mm