



NTN-SNR BEARING RULMENTI S.R.L.

420 mm x 700 mm x 280 mm NTN 24184BL1
Double row spherical roller bearings

Bearing No. 24184BL1

d	420 mm
D	700 mm
B	280 mm
d2	499 mm
D1	592 mm
rs min	6 mm
Number of lubrication holes	8
b	33 mm
k	20 mm
e	0.4
Y1	1.69
Y2	2.51
Y0	1.65
Radial clearance class	CN
Dynamic load, C	6,150 kN
Static load, C0	12,200 kN
Fatigue limit load, Cu	1,024 kN
Nref	280 rpm
Nlim	750 rpm
Min operating temperature, Tmin	-40 ° C
Max operating temperature, Tmax	120 ° C
Characteristic cage frequency, FTF	0.44 Hz
Characteristic rolling element frequency, BSF	7.66 Hz

24184BL1 Bearing 2D drawings and 3D CAD models



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Characteristic outer ring frequency, BPF0	9.2 Hz
Characteristic inner ring frequency, BRFI	11.8 Hz
da min	446 mm
Da max	674 mm
ra max	5 mm
Category	Bearings
Inventory	0.0
Manufacturer Name	NTN
Minimum Buy Quantity	N/A
Weight / Kilogram	440
Product Group	B04311