



BEARING INDUSTRIA CUSCINETTI S.P.A.

400 mm x 650 mm x 200 mm NTN 23180BL1K
Double row spherical roller bearings

Bearing No. 23180BL1K

d	400 mm
D	650 mm
B	200 mm
d2	479 mm
D1	567.4 mm
rs min	6 mm
Number of lubrication holes	8
b	27 mm
k	16 mm
Associated sleeve reference	H3180
e	0.31
Y1	2.21
Y2	3.28
Y0	2.16
Radial clearance class	CN
Dynamic load, C	4,200 kN
Static load, C0	8,050 kN
Fatigue limit load, Cu	854 kN
Nref	490 rpm
Nlim	800 rpm
Min operating temperature, Tmin	-40 ° C
Max operating temperature, Tmax	120 ° C
Characteristic cage frequency, FTF	0.44 Hz

23180BL1K Bearing 2D drawings and 3D CAD models



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Characteristic rolling element frequency, BSF	8.39 Hz
Characteristic outer ring frequency, BPF0	10.18 Hz
Characteristic inner ring frequency, BPF1	12.82 Hz
da min	426 mm
db min	421 mm
Ce min	15 mm
Da max	624 mm
ra max	5 mm
Category	Bearings
Inventory	0.0
Manufacturer Name	NTN
Minimum Buy Quantity	N/A
Weight / Kilogram	0
EAN	0692314505137
Product Group	B04311