



380 mm x 560 mm x 180 mm NTN 24076B  
Spherical Roller Bearings

Bearing No. 24076B

24076B Bearing 2D drawings and 3D CAD models

Size	380x560x180 mm
Bore Diameter	380 mm
Outer Diameter	560 mm
Width	180 mm
d	380 mm
D	560 mm
B	180 mm
C	180 mm
r min.	5 mm
da min.	402 mm
Da max.	538 mm
ra max.	4 mm
Weight	153 Kg
Basic dynamic load rating (C)	3 250 kN
Basic static load rating (C0)	7 100 kN
(Grease) Lubrication Speed	490 r/min
(Oil) Lubrication Speed	640 r/min
Calculation factor (e)	0,3
Calculation factor (Y0)	2,18
Calculation factor (Y1)	2,23
d2	438 mm
D1	498.1 mm
rs min	5 mm
Number of lubrication holes	8
b	27 mm



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k	16 mm
e	0.3
Y1	2.23
Y2	3.32
Y0	2.18
Radial clearance class	CN
Dynamic load, C	3,250 kN
Static load, C0	7,100 kN
Fatigue limit load, Cu	411 kN
Nref	530 rpm
Nlim	1,100 rpm
Min operating temperature, Tmin	-40 ° C
Max operating temperature, Tmax	120 ° C
Characteristic cage frequency, FTF	0.46 Hz
Characteristic rolling element frequency, BSF	10.69 Hz
Characteristic outer ring frequency, BPF0	13.18 Hz
Characteristic inner ring frequency, BPFI	15.82 Hz
da min	398 mm
Da max	542 mm
ra max	4 mm
Category	Bearings
Inventory	0.0
Manufacturer Name	NTN
Minimum Buy Quantity	N/A
Weight / Kilogram	153
Product Group	B04311