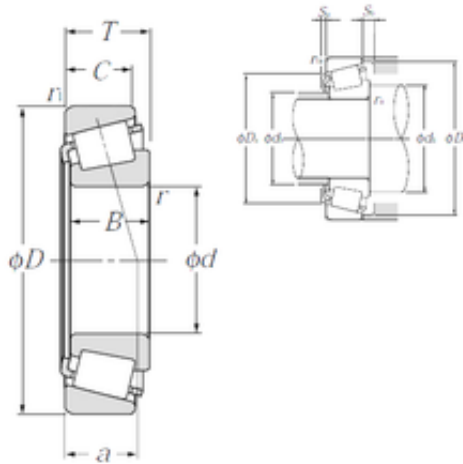




Bearings International Co., Ltd



NTN 30228 tapered roller bearings

Bearing No. 30228

Size	140x250x45.75 mm
Bore Diameter	140 mm
Outer Diameter	250 mm
Width	45,75 mm
d	140 mm
D	250 mm
T	45,75 mm
B	42 mm
C	36 mm
ra1 max.	2,5 mm
a	47,5 mm
r min.	3 mm
r1 min.	3 mm
da min.	158 mm
Da min	219 mm
Da max.	236 mm
db max.	163 mm
Db min.	237 mm
ra max.	2,5 mm
Sa	7 mm
Sb	9,5 mm
Weight	8,37 Kg
Basic dynamic load rating (C)	375 kN
Basic static load rating (C0)	485 kN
(Grease) Lubrication Speed	1 400 r/min
(Oil) Lubrication Speed	1 900 r/min

30228 Bearing 2D drawings and 3D CAD models



Bearings International Co., Ltd

Calculation factor (e)	0,43
Calculation factor (Y0)	0,77
d1	186 mm
rs min	3 mm
r1s min	3 mm
e	0.43
Y2	1.39
Y0	0.77
Mass	8.37 kg
Dynamic load, C	375 kN
Rating life coefficient, A2	1
Static load, C0	485 kN
Fatigue limit load, Cu	48.5 kN
Nlim (oil)	1,900 rpm
Nlim (grease)	1,400 rpm
Min operating temperature, Tmin	-40 ° C
Max operating temperature, Tmax	120 ° C
Characteristic cage frequency, FTF	0.43 Hz
Characteristic rolling element frequency, BSF	6.8 Hz
Characteristic outer ring frequency, BPF0	7.75 Hz
Characteristic inner ring frequency, BPF1	10.25 Hz
da max	163 mm
db min	158 mm
Da max	236 mm
Db min	237 mm
Ca min	7 mm
Cb min	9.5 mm
ra max	2.5 mm



Bearings International Co., Ltd

r1a max	2.5 mm
Category	Roller Bearings
Inventory	4.0
Manufacturer Name	NTN
Minimum Buy Quantity	N/A
Weight / Kilogram	8.408
Product Group	B04336