



Bearing No. 32028XU

B	45 mm
e	0.46
d	140 mm
D	210 mm
T	45 mm
C	34 mm
a	46 mm
Y2	1.31
Sa	8 mm
d1	176 mm
Y0	0.72
Sb	11 mm
Mass	5.28 kg
ra max	2 mm
Weight	5,28 Kg
Ca min	8 mm
Db min	202 mm
r min.	2,5 mm
Da max	200 mm
rs min	2.5 mm
Da min	187 mm
Cb min	11 mm
db min	152 mm
da max	153 mm
r1s min	2 mm
ra max.	2 mm
r1a max	2 mm
Db min.	202 mm
db max.	153 mm
Da max.	200 mm

da min.	152 mm
r1 min.	2 mm
ra1 max.	2 mm
Category	Bearings
Size (mm)	140x210x45
Inventory	0.0
Nlim (oil)	2,100 rpm
Width (mm)	45
Nlim (grease)	1,600 rpm
Product Group	B04336
Bearing number	32028XU
Static load, C0	580 kN
Dynamic load, C	330 kN
ISO 355 reference	T4DC140
Weight / Kilogram	0
Manufacturer Name	NTN
Bore Diameter (mm)	140
Outer Diameter (mm)	210
Minimum Buy Quantity	N/A
Calculation factor (e)	0,46
Fatigue limit load, Cu	59.8 kN
(Oil) Lubrication Speed	2 100 r/min
Calculation factor (Y0)	0,72
(Grease) Lubrication Speed	1 600 r/min
Rating life coefficient, A2	1
Basic static load rating (C0)	580 kN
Basic dynamic load rating (C)	330 kN
Max operating temperature, Tmax	120 °C
Min operating temperature, Tmin	-40 °C

Characteristic cage frequency, FTF	0.46 Hz
Characteristic inner ring frequency, BPF1	16.36 Hz
Characteristic outer ring frequency, BPF0	13.64 Hz
Characteristic rolling element frequency, BSF	10.46 Hz