



Bearing No. 30238U

B	55 mm
e	0.44
d	190 mm
D	340 mm
T	60 mm
C	46 mm
a	64 mm
Y2	1.38
Sa	9 mm
d1	259 mm
Y0	0.76
Sb	14 mm
Mass	20.8 kg
ra max	4 mm
Weight	20,8 Kg
Ca min	9 mm
Db min	316 mm
r min.	5 mm
Da max	322 mm
rs min	5 mm
Da min	295 mm
Cb min	14 mm
db min	212 mm
da max	228 mm
r1s min	4 mm
ra max.	4 mm
r1a max	3 mm
Db min.	316 mm
db max.	228 mm
Da max.	322 mm

da min.	212 mm
r1 min.	4 mm
ra1 max.	3 mm
Category	Bearings
Size (mm)	190x340x60
Inventory	0.0
Nlim (oil)	1,300 rpm
Width (mm)	60
Nlim (grease)	1,000 rpm
Product Group	B04336
Bearing number	30238U
Static load, C0	1,000 kN
Dynamic load, C	715 kN
ISO 355 reference	T4GB190
Weight / Kilogram	22.27
Manufacturer Name	NTN
Bore Diameter (mm)	190
Outer Diameter (mm)	340
Minimum Buy Quantity	N/A
Calculation factor (e)	0,44
Fatigue limit load, Cu	90.9 kN
(Oil) Lubrication Speed	1 300 r/min
Calculation factor (Y0)	0,76
(Grease) Lubrication Speed	1 000 r/min
Rating life coefficient, A2	1
Basic static load rating (C0)	1 000 kN
Basic dynamic load rating (C)	715 kN
Max operating temperature, Tmax	120 °C
Min operating temperature, Tmin	-40 °C

Characteristic cage frequency, FTF	0.43 Hz
Characteristic inner ring frequency, BPF1	11.37 Hz
Characteristic outer ring frequency, BPF0	8.63 Hz
Characteristic rolling element frequency, BSF	6.89 Hz