



Bearing No. 32038XUE1

B	64 mm
e	0.44
d	190 mm
D	290 mm
T	64 mm
C	48 mm
a	62,5 mm
Y2	1.36
Sa	10 mm
d1	242 mm
Y0	0.75
Sb	16 mm
Mass	15.1 kg
ra max	2.5 mm
Weight	15,1 Kg
Ca min	10 mm
Db min	279 mm
r min.	3 mm
Da max	278 mm
rs min	3 mm
Da min	257 mm
Cb min	16 mm
db min	204 mm
da max	209 mm
r1s min	2.5 mm
ra max.	2,5 mm
r1a max	2 mm
Db min.	279 mm
db max.	209 mm
Da max.	278 mm

da min.	204 mm
r1 min.	2,5 mm
ra1 max.	2 mm
Category	Roller Bearings
Size (mm)	190x290x64
Inventory	1.0
Nlim (oil)	1,500 rpm
Width (mm)	64
Nlim (grease)	1,100 rpm
Product Group	B04336
Bearing number	32038XUE1
Static load, C0	1,210 kN
Dynamic load, C	655 kN
ISO 355 reference	T4FD190
Weight / Kilogram	14.8
Manufacturer Name	NTN
Bore Diameter (mm)	190
Outer Diameter (mm)	290
Minimum Buy Quantity	N/A
Calculation factor (e)	0,44
Fatigue limit load, Cu	113.3 kN
(Oil) Lubrication Speed	1 500 r/min
Calculation factor (Y0)	0,75
(Grease) Lubrication Speed	1 100 r/min
Rating life coefficient, A2	1
Basic static load rating (C0)	1 210 kN
Basic dynamic load rating (C)	655 kN
Max operating temperature, Tmax	120 °C
Min operating temperature, Tmin	-40 °C

Characteristic cage frequency, FTF	0.45 Hz
Characteristic inner ring frequency, BPF1	15.87 Hz
Characteristic outer ring frequency, BPF0	13.13 Hz
Characteristic rolling element frequency, BSF	10.07 Hz