



Bearing No. 30230U

B	45 mm
e	0.44
d	150 mm
D	270 mm
T	49 mm
C	38 mm
a	51,5 mm
Y2	1.38
Sa	7 mm
d1	203.5 mm
Y0	0.76
Sb	11 mm
Mass	11.2 kg
ra max	3 mm
Weight	11,2 Kg
Ca min	7 mm
Db min	255 mm
r min.	4 mm
Da max	256 mm
rs min	4 mm
Da min	234 mm
Cb min	11 mm
db min	168 mm
da max	175 mm
r1s min	3 mm
ra max.	3 mm
r1a max	2.5 mm
Db min.	255 mm
db max.	175 mm
Da max.	256 mm

da min.	168 mm
r1 min.	3 mm
ra1 max.	2,5 mm
Category	Bearings
Size (mm)	150x270x49
Inventory	0.0
Nlim (oil)	1,700 rpm
Width (mm)	49
Nlim (grease)	1,300 rpm
Product Group	B04336
Bearing number	30230U
Static load, C0	605 kN
Dynamic load, C	450 kN
ISO 355 reference	T4GB150
Weight / Kilogram	0
Manufacturer Name	NTN
Bore Diameter (mm)	150
Outer Diameter (mm)	270
Minimum Buy Quantity	N/A
Calculation factor (e)	0,44
Fatigue limit load, Cu	59.2 kN
(Oil) Lubrication Speed	1 700 r/min
Calculation factor (Y0)	0,76
(Grease) Lubrication Speed	1 300 r/min
Rating life coefficient, A2	1
Basic static load rating (C0)	605 kN
Basic dynamic load rating (C)	450 kN
Max operating temperature, Tmax	120 °C
Min operating temperature, Tmin	-40 °C

Characteristic cage frequency, FTF	0.43 Hz
Characteristic inner ring frequency, BPI	10.8 Hz
Characteristic outer ring frequency, BPO	8.2 Hz
Characteristic rolling element frequency, BSF	6.89 Hz