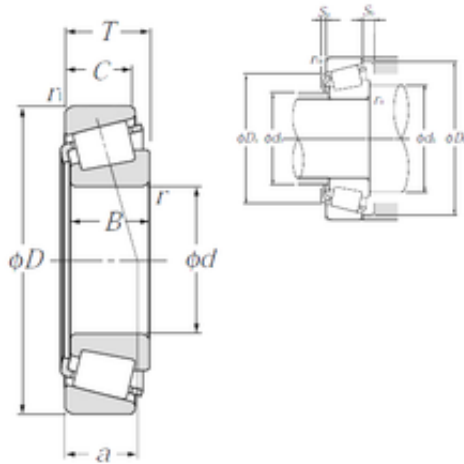




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90 mm x 140 mm x 39 mm NTN 33018U tapered roller bearings

Bearing No. 33018U

33018U Bearing 2D drawings and 3D CAD models

Size	90x140x39 mm
Bore Diameter	90 mm
Outer Diameter	140 mm
Width	39 mm
d	90 mm
D	140 mm
T	39 mm
B	39 mm
C	32,5 mm
ra1 max.	1,5 mm
a	28 mm
r min.	2 mm
r1 min.	1,5 mm
da min.	100 mm
Da min	127 mm
Da max.	131,5 mm
db max.	100 mm
Db min.	135 mm
ra max.	2 mm
Sa	7 mm
Sb	6,5 mm
Weight	2,18 Kg
Basic dynamic load rating (C)	215 kN
Basic static load rating (C0)	360 kN
(Grease) Lubrication Speed	2 500 r/min



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(Oil) Lubrication Speed	3 300 r/min
Calculation factor (e)	0,27
Calculation factor (Y0)	1,23
d1	115.5 mm
rs min	2 mm
r1s min	1.5 mm
e	0.27
Y2	2.23
Y0	1.23
Mass	2.18 kg
ISO 355 reference	T2CE090
Dynamic load, C	215 kN
Rating life coefficient, A2	1
Static load, C0	360 kN
Fatigue limit load, Cu	42 kN
Nlim (oil)	3,300 rpm
Nlim (grease)	2,500 rpm
Min operating temperature, Tmin	-40 ° C
Max operating temperature, Tmax	120 ° C
Characteristic cage frequency, FTF	0.45 Hz
Characteristic rolling element frequency, BSF	9.38 Hz
Characteristic outer ring frequency, BPF0	11.65 Hz
Characteristic inner ring frequency, BRFI	14.35 Hz
da max	100 mm
db min	100 mm
Da max	131.5 mm
Db min	135 mm
Ca min	7 mm



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Cb min	6.5 mm
ra max	2 mm
r1a max	1.5 mm