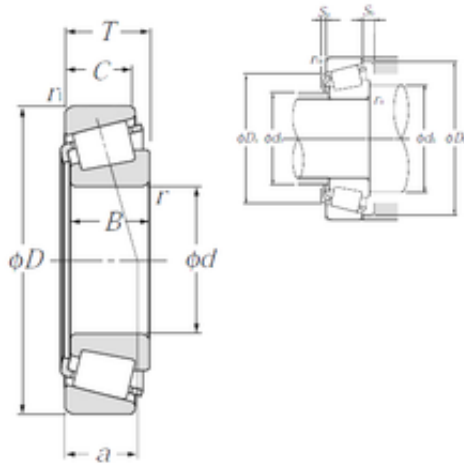




# Shanghai Ruonan-Power Co., Ltd.



## 80 mm x 125 mm x 29 mm NTN 32016XU tapered roller bearings

Bearing No. 32016XU

32016XU Bearing 2D drawings and 3D CAD models

Size	80x125x29 mm
Bore Diameter	80 mm
Outer Diameter	125 mm
Width	29 mm
d	80 mm
D	125 mm
T	29 mm
B	29 mm
C	22 mm
ra1 max.	1,5 mm
a	27 mm
r min.	1,5 mm
r1 min.	1,5 mm
da min.	88,5 mm
Da min	112 mm
Da max.	116,5 mm
db max.	89 mm
Db min.	120 mm
ra max.	1,5 mm
Sa	6 mm
Sb	7 mm
Weight	1,28 Kg
Basic dynamic load rating (C)	139 kN
Basic static load rating (C0)	216 kN
(Grease) Lubrication Speed	2 800 r/min



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(Oil) Lubrication Speed	3 700 r/min
Calculation factor (e)	0,42
Calculation factor (Y0)	0,78
d1	103.5 mm
rs min	1.5 mm
r1s min	1.5 mm
e	0.42
Y2	1.42
Y0	0.78
Mass	1.28 kg
ISO 355 reference	T3CC080
Dynamic load, C	139 kN
Rating life coefficient, A2	1
Static load, C0	216 kN
Fatigue limit load, Cu	26.1 kN
Nlim (oil)	3,700 rpm
Nlim (grease)	2,800 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	9.32 Hz
Characteristic outer ring frequency, BPF0	12.12 Hz
Characteristic inner ring frequency, BRFI	14.88 Hz
da max	89 mm
db min	88.5 mm
Da max	116.5 mm
Db min	120 mm
Ca min	6 mm



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Cb min	7 mm
ra max	1.5 mm
r1a max	1.5 mm
Category	Roller Bearings
Inventory	3.0
Manufacturer Name	NTN
Minimum Buy Quantity	N/A
Weight / Kilogram	0
EAN	4547359003000
Product Group	B04334