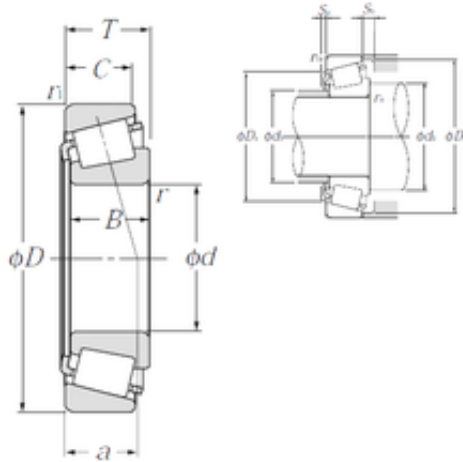




HMSA BEARING MANUFACTURING LIMITED



25 mm x 52 mm x 18 mm NTN 4T-32205 Single row tapered roller bearings

Bearing No. 4T-32205

4T-32205 Bearing 2D drawings and 3D CAD models

Size	25x52x19.25 mm
Bore Diameter	25 mm
Outer Diameter	52 mm
Width	19,25 mm
d	25 mm
D	52 mm
T	19,25 mm
B	18 mm
C	16 mm
ra1 max.	1 mm
a	14 mm
r min.	1 mm
r1 min.	1 mm
da min.	30,5 mm
Da min	43 mm
Da max.	46,5 mm
db max.	31 mm
Db min.	48 mm
ra max.	1 mm
Sa	2 mm
Sb	4 mm
Weight	0,187 Kg
Basic dynamic load rating (C)	42 kN
Basic static load rating (C0)	47 kN
(Grease) Lubrication Speed	7 300 r/min



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(Oil) Lubrication Speed	9 800 r/min
Calculation factor (e)	0,36
Calculation factor (Y0)	0,92
d1	38.5 mm
rs min	1 mm
r1s min	1 mm
e	0.37
Y2	1.6
Y0	0.88
Mass	0.18 kg
ISO 355 reference	T2CD025
Dynamic load, C	38 kN
Rating life coefficient, A2	1.4
Static load, C0	43 kN
Fatigue limit load, Cu	5.2 kN
Nlim (oil)	9,800 rpm
Nlim (grease)	7,300 rpm
Min operating temperature, Tmin	-40 ° C
Max operating temperature, Tmax	120 ° C
Characteristic cage frequency, FTF	0.42 Hz
Characteristic rolling element frequency, BSF	5.82 Hz
Characteristic outer ring frequency, BPF0	6.7 Hz
Characteristic inner ring frequency, BRFI	9.3 Hz
da max	31 mm
db min	30.5 mm
Da max	46.5 mm
Db min	48 mm
Ca min	2 mm



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Cb min	4 mm
ra max	1 mm
r1a max	1 mm