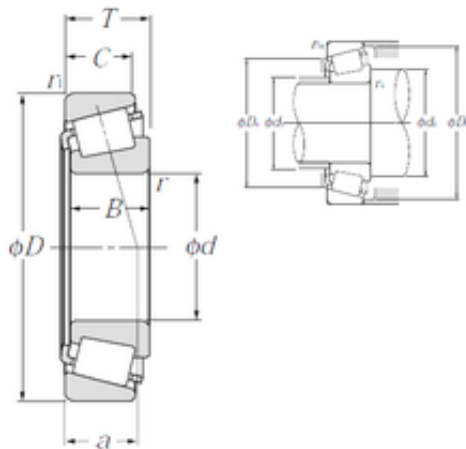




BEARING-SINGAPORE (PTE)LTD.

101,6 mm x 157,162 mm x 36,116 mm NTN
4T-52400/52618 tapered roller bearings



Bearing No. 4T-52400/52618

Size	101.6x157.162x36.512 mm
Bore Diameter	101,6 mm
Outer Diameter	157,162 mm
Width	36,512 mm
d	101,6 mm
D	157,162 mm
T	36,512 mm
B	36,116 mm
C	26,195 mm
ra1 max.	3,3 mm
a	0,6 mm
Da	142 mm
db	111 mm
ra max.	3,5 mm
da	117 mm
Db	152 mm
Weight	2,48 Kg
Basic dynamic load rating (C)	188 kN
Basic static load rating (C0)	305 kN
(Grease) Lubrication Speed	2 200 r/min
(Oil) Lubrication Speed	2 900 r/min
Calculation factor (e)	0,47
Calculation factor (Y0)	0,69
d1	131.5 mm
e	0.47

4T-52400/52618 Bearing 2D drawings and 3D CAD models



BEARING-SINGAPORE (PTE)LTD.

Y2	1.26
Y0	0.69
Mass	2.48 kg
Dynamic load, C	188 kN
Rating life coefficient, A2	1.4
Static load, C0	305 kN
Fatigue limit load, Cu	34.4 kN
Nlim (oil)	2,900 rpm
Nlim (grease)	2,200 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	9.89 Hz
Characteristic outer ring frequency, BPF0	11.76 Hz
Characteristic inner ring frequency, BRFI	14.24 Hz
ra max	3.5 mm
r1a max	3.3 mm