



# SNR BEARING CORP.OF AMERICA

44,45 mm x 79,375 mm x 17,462 mm NTN  
 4T-18685/18620 Single row tapered roller bearings



Bearing No. 4T-18685/18620

4T-18685/18620 Bearing 2D drawings and 3D CAD models

Size	44.45x79.375x17.462 mm
Bore Diameter	44,45 mm
Outer Diameter	79,375 mm
Width	17,462 mm
d	44,45 mm
D	79,375 mm
T	17,462 mm
B	17,462 mm
C	13,495 mm
ra1 max.	1,5 mm
a	2,2 mm
Da	71 mm
db	49,5 mm
ra max.	2,8 mm
da	54 mm
Db	74 mm
Weight	0,345 Kg
Basic dynamic load rating (C)	45,5 kN
Basic static load rating (C0)	56 kN
(Grease) Lubrication Speed	4 600 r/min
(Oil) Lubrication Speed	6 200 r/min
Calculation factor (e)	0,37
Calculation factor (Y0)	0,88
d1	61 mm
e	0.37



## SNR BEARING CORP.OF AMERICA

Y2	1.6
Y0	0.88
Mass	0.34 kg
Dynamic load, C	45.5 kN
Rating life coefficient, A2	1.4
Static load, C0	56 kN
Fatigue limit load, Cu	6.8 kN
Nlim (oil)	6,200 rpm
Nlim (grease)	4,600 rpm
Min operating temperature, Tmin	-40 ° C
Max operating temperature, Tmax	120 ° C
Characteristic cage frequency, FTF	0.44 Hz
Characteristic rolling element frequency, BSF	8.16 Hz
Characteristic outer ring frequency, BPF0	8.83 Hz
Characteristic inner ring frequency, BPF1	11.17 Hz
ra max	2.8 mm
r1a max	1.5 mm