



Bearing No. 4T-33207

B	28 mm
e	0.35
d	35 mm
D	72 mm
T	28 mm
C	22 mm
a	18,5 mm
Y2	1.7
Sa	5 mm
d1	53.5 mm
Y0	0.93
Sb	6 mm
Mass	0.53 kg
ra max	1.5 mm
Weight	0,531 Kg
Ca min	5 mm
Db min	68 mm
r min.	1,5 mm
Da max	63.5 mm
rs min	1.5 mm
Da min	61 mm
Cb min	6 mm
db min	43.5 mm
da max	42 mm
r1s min	1.5 mm
ra max.	1,5 mm
r1a max	1.5 mm
Db min.	68 mm
db max.	42 mm
Da max.	63,5 mm

da min.	43,5 mm
r1 min.	1,5 mm
ra1 max.	1,5 mm
Category	Roller Bearings
Size (mm)	35x72x28
Inventory	0.0
Nlim (oil)	7,400 rpm
Width (mm)	28
Nlim (grease)	5,500 rpm
Product Group	B04334
Bearing number	4T-33207
Static load, C0	109 kN
Dynamic load, C	87.5 kN
ISO 355 reference	T2DE035
Weight / Kilogram	0.533
Manufacturer Name	NTN
Bore Diameter (mm)	35
Outer Diameter (mm)	72
Minimum Buy Quantity	N/A
Calculation factor (e)	0,35
Fatigue limit load, Cu	13.3 kN
(Oil) Lubrication Speed	7 400 r/min
Calculation factor (Y0)	0,93
(Grease) Lubrication Speed	5 500 r/min
Rating life coefficient, A2	1.4
Basic static load rating (C0)	109 kN
Basic dynamic load rating (C)	87,5 kN
Max operating temperature, Tmax	120 °C
Min operating temperature, Tmin	-40 °C

Characteristic cage frequency, FTF	0.42 Hz
Characteristic inner ring frequency, BPF1	9.91 Hz
Characteristic outer ring frequency, BPF0	7.09 Hz
Characteristic rolling element frequency, BSF	5.72 Hz