



BEARING-SINGAPORE (PTE)LTD.



35 mm x 72 mm x 17 mm NTN 1207S self aligning ball bearings

Bearing No. 1207S

Size	35x72x17 mm
Bore Diameter	35 mm
Outer Diameter	72 mm
Width	17 mm
d	35 mm
D	72 mm
B	17 mm
C	17 mm
r min.	1,1 mm
da min.	41,5 mm
Da max.	65,5 mm
ra max.	1 mm
Weight	0,32 Kg
Basic dynamic load rating (C)	15,9 kN
Basic static load rating (C0)	5,1 kN
(Grease) Lubrication Speed	8 500 r/min
(Oil) Lubrication Speed	10 000 r/min
Calculation factor (e)	0,23
Calculation factor (Y0)	2,8
Calculation factor (Y1)	2,7
rs min	1.1 mm
e	0.23
Y1	2.7
Y2	4.2
Y0	2.8

1207S Bearing 2D drawings and 3D CAD models



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Radial clearance class	CN
Precision class	P0
Mass	0.32 kg
Dynamic load, C	15.9 kN
Static load, C0	5.1 kN
Nlim (oil)	10,000 rpm
Nlim (grease)	8,500 rpm
Min operating temperature, Tmin	-20 ° C
Max operating temperature, Tmax	120 ° C
da min	41.5 mm
Da max	65.5 mm
ra max	1 mm