



Lamar parts manufacturing company



15 mm x 35 mm x 14 mm NTN 2202S self aligning ball bearings

Bearing No. 2202S

Size	15x35x14 mm
Bore Diameter	15 mm
Outer Diameter	35 mm
Width	14 mm
d	15 mm
D	35 mm
B	14 mm
C	14 mm
r min.	0,6 mm
da min.	19 mm
Da max.	31 mm
ra max.	0,6 mm
Weight	0,055 Kg
Basic dynamic load rating (C)	7,8 kN
Basic static load rating (C0)	1,85 kN
(Grease) Lubrication Speed	18 000 r/min
(Oil) Lubrication Speed	22 000 r/min
Calculation factor (e)	0,5
Calculation factor (Y0)	1,3
Calculation factor (Y1)	1,3
rs min	0.6 mm
e	0.5
Y1	1.3
Y2	1.9
Y0	1.3

2202S Bearing 2D drawings and 3D CAD models



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Radial clearance class	CN
Precision class	P0
Mass	0.06 kg
Dynamic load, C	7.8 kN
Static load, C0	1.85 kN
Nlim (oil)	22,000 rpm
Nlim (grease)	18,000 rpm
Min operating temperature, Tmin	-20 ° C
Max operating temperature, Tmax	120 ° C
da min	19 mm
Da max	31 mm
ra max	0.6 mm