



High Temperature BEARINGS CO., LTD



80 mm x 140 mm x 33 mm NTN 2216S self aligning ball bearings

Bearing No. 2216S

2216S Bearing 2D drawings and 3D CAD models

Size	80x140x33 mm
Bore Diameter	80 mm
Outer Diameter	140 mm
Width	33 mm
d	80 mm
D	140 mm
B	33 mm
C	33 mm
r min.	2 mm
da min.	89 mm
Da max.	131 mm
ra max.	2 mm
Weight	1,97 Kg
Basic dynamic load rating (C)	49 kN
Basic static load rating (C0)	19,9 kN
(Grease) Lubrication Speed	4 000 r/min
(Oil) Lubrication Speed	5 000 r/min
Calculation factor (e)	0,25
Calculation factor (Y0)	2,7
Calculation factor (Y1)	2,5
rs min	2 mm
e	0.25
Y1	2.5
Y2	3.9
Y0	2.7



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Radial clearance class	CN
Precision class	P0
Mass	1.97 kg
Dynamic load, C	49 kN
Static load, C0	19.9 kN
Nlim (oil)	5,000 rpm
Nlim (grease)	4,000 rpm
Min operating temperature, Tmin	-20 ° C
Max operating temperature, Tmax	120 ° C
da min	89 mm
Da max	131 mm
ra max	2 mm