



NTN Bearing Manufacturing



100 mm x 140 mm x 20 mm SNFA HB100 /S
7CE3 angular contact ball bearings

Bearing No. HB100 /S 7CE3

HB100 /S 7CE3 Bearing 2D drawings and 3D CAD models

Size	100x140x20 mm
Bore Diameter	100 mm
Outer Diameter	140 mm
Width	20 mm
d	100 mm
D	140 mm
B	20 mm
C	20 mm
a	41 mm
b	2,2 mm
d1	115 mm
r1 min.	1,1 mm
r2 min.	1,1 mm
r3 min.	0,6 mm
r5 min.	0,6 mm
C1	10,9 mm
D1	128,7 mm
da min.	106 mm
Da max.	134 mm
db min	106 mm
ra max.	1 mm
rb max.	0,6 mm
C2	2,9 mm
Db max	134 mm
Weight	0,88 Kg



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Basic dynamic load rating (C)	20,8 kN
Basic static load rating (C0)	21,2 kN
(Grease) Lubrication Speed	11 000 r/min
(Oil) Lubrication Speed	16 000 r/min
Fatigue load limit (Pu)	815