



Double BALL BEARINGS CO, LTD



7003CDB Bearing 2D drawings and 3D CAD models

17 mm x 35 mm x 10 mm NACHI 7003CDB
angular contact ball bearings

Bearing No. 7003CDB

Size	17x35x10 mm
Bore Diameter	17 mm
Outer Diameter	35 mm
Width	10 mm
d	17 mm
D	35 mm
B	10 mm
C	10 mm
Angle (°)	15 °
a -	2.0 mm
r min.	0.3 mm
r1 min.	0.15 mm
2B	20 mm
da min.	19 mm
Da max.	34 mm
ra max.	0.15 mm
Weight	0.045 Kg
Basic dynamic load rating (C)	11,4 kN
Basic static load rating (C0)	8,3 kN
(Grease) Lubrication Speed	25000 r/min
Bore Type	Cylindrical Bore
Enclosure	Open
Configuration	Duplex
Bore Size	17 mm
Outside Diameter	35 mm



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Width	10 mm
Fillet Radius/Chamfer	0.3 mm
r1	0.2 mm
Dynamic Load Rating	11,400 N
Static Load Rating	8,300 N
Limiting Speed - Grease	25,000 rpm
Limiting Speed - Oil	34,000 rpm
da1 (min)	19 mm
da2 (min)	19 mm
Da1 (max)	33 mm
Da2 (max)	34 mm
ra (max)	0.3 mm
ra1 (max)	0.2 mm