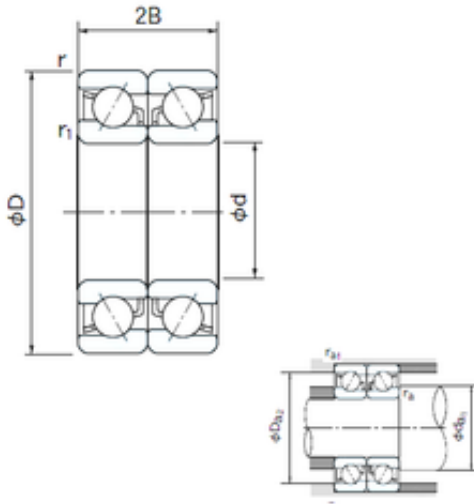




# Timken BEARINGS INDUSTRY



80 mm x 170 mm x 39 mm NACHI 7316DB  
angular contact ball bearings

Bearing No. 7316DB

7316DB Bearing 2D drawings and 3D CAD models

Size	80x170x39 mm
Bore Diameter	80 mm
Outer Diameter	170 mm
Width	39 mm
d	80 mm
D	170 mm
B	39 mm
C	39 mm
Angle ( ° )	30 °
a	16.6 mm
r min.	2.1 mm
r1 min.	1.1 mm
2B	78 mm
da min.	87 mm
Da max.	163 mm
ra max.	1 mm
Weight	4.18 Kg
Basic dynamic load rating (C)	239 kN
Basic static load rating (C0)	238 kN
(Grease) Lubrication Speed	2800 r/min
Bore Type	Cylindrical Bore
Enclosure	Open
Configuration	Duplex
Bore Size	80 mm
Outside Diameter	170 mm



## Timken BEARINGS INDUSTRY

Width	39 mm
Fillet Radius/Chamfer	2.1 mm
r1	1.1 mm
Dynamic Load Rating	239,000 N
Static Load Rating	238,000 N
Limiting Speed - Grease	2,800 rpm
Limiting Speed - Oil	3,800 rpm
da1 (min)	92 mm
da2 (min)	87 mm
Da1 (max)	158 mm
Da2 (max)	163 mm
ra (max)	2 mm
ra1 (max)	1 mm