



105 mm x 190 mm x 36 mm NACHI 7221 angular contact ball bearings

Bearing No. 7221

7221 Bearing 2D drawings and 3D CAD models

Size	105x190x36 mm
Bore Diameter	105 mm
Outer Diameter	190 mm
Width	36 mm
d	105 mm
D	190 mm
B	36 mm
C	36 mm
Angle (°)	30 °
a	24.6 mm
r min.	2.1 mm
r1 min.	1.1 mm
da min.	117 mm
Da max.	178 mm
ra max.	2 mm
Weight	3.93 Kg
Basic dynamic load rating (C)	157 kN
Basic static load rating (C0)	141 kN
(Grease) Lubrication Speed	3000 r/min
Configuration	Single Row
Enclosure	Open
Bore Type	Cylindrical Bore
Bore Size	105 mm
Outside Diameter	190 mm
Width	36 mm



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Fillet Radius/Chamfer	2.1 mm
r1	1.1 mm
Dynamic Load Rating	157,000 N
Static Load Rating	141,000 N
Limiting Speed - Grease	3,000 rpm
Limiting Speed - Oil	4,000 rpm
da1 (min)	117 mm
da2 (min)	112 mm
Da1 (max)	178 mm
Da2 (max)	183 mm
ra (max)	2 mm
ra1 (max)	1 mm