



Bearing No. 6307NR

D	80 mm
d	35 mm
B	21 mm
C	21 mm
a	3.28 mm
b	1.9 mm
f	1.6 mm
D1	76.81 mm
r1	0.5 mm
D2	86.6 mm
Width	21 mm
UNSPSC	31171504
Weight	0.457 Kg
r min.	1.5 mm
r1 min.	0.5 mm
b (min)	1.9 mm
a (max)	3.3 mm
Da (max)	71 mm
da (min)	44 mm
Category	Ball Bearings
Dx (min)	88 mm
ra (max)	1.5 mm
D1 (max)	76.8 mm
Cy (max)	4.6 mm
Factor fo	13.2
Inventory	4.0
Size (mm)	35x80x21
Bore Type	Cylindrical Bore
Enclosure	Snap Ring Groove with Snap Ring

Bore Size	35 mm
Width (mm)	21
Product Group	B00308
Configuration	Single Row
Bearing number	6307NR
Snap Ring Width	1.6 mm
Radial Clearance	0.006 to 0.020 mm
Outside Diameter	80 mm
Weight / Kilogram	0.459
Manufacturer Name	NACHI
Bore Diameter (mm)	35
Static Load Rating	19,100 N
Dynamic Load Rating	33,500 N
Outer Diameter (mm)	80
Minimum Buy Quantity	N/A
Limiting Speed - Oil	10,000 rpm
Fillet Radius/Chamfer	1.5 mm
Limiting Speed - Grease	8,800 rpm
(Grease) Lubrication Speed	8400 r/min
Snap Ring Outside Diameter	86.6 mm
Basic static load rating (C0)	19,1 kN
Basic dynamic load rating (C)	33,5 kN