



**Bearing No. 6944**

D	300 mm
d	220 mm
B	38 mm
C	38 mm
Width	38 mm
Weight	7.45 Kg
r min.	2.1 mm
da min.	229 mm
Da max.	291 mm
ra max.	2.0 mm
ra (max)	2 mm
da (min)	229 mm
Da (max)	291 mm
Bore Size	220 mm
Factor fo	16.4
Size (mm)	220x300x38
Enclosure	Open
Bore Type	Cylindrical Bore
Width (mm)	38
Configuration	Single Row
Bearing number	6944
Radial Clearance	0.025 to 0.085 mm
Outside Diameter	300 mm
Static Load Rating	154,000 N
Bore Diameter (mm)	220
Dynamic Load Rating	132,000 N
Outer Diameter (mm)	300
Limiting Speed - Oil	2,300 rpm
Fillet Radius/Chamfer	2.1 mm
Limiting Speed - Grease	2,000 rpm

(Grease) Lubrication Speed	1800 r/min
Basic static load rating (C0)	154 kN
Basic dynamic load rating (C)	132 kN