



**Bearing No. 6824N**

D	150 mm
d	120 mm
B	16 mm
C	16 mm
a	2.5 mm
b	1.9 mm
r1	0.5 mm
D1	147.6 mm
Width	16 mm
Weight	0.567 Kg
r min.	1 mm
r1 min.	0.5 mm
a (max)	2.5 mm
da (min)	125 mm
Cy (max)	3.9 mm
Da (max)	145 mm
Dx (min)	157 mm
ra (max)	1 mm
Factor fo	16.0
Bore Type	Cylindrical Bore
Enclosure	Open
Size (mm)	120x150x16
Bore Size	120 mm
Width (mm)	16
Groove Width	1.9 mm
Configuration	Single Row
Bearing number	6824N
Groove Diameter	147.6 mm
Outside Diameter	150 mm
Radial Clearance	0.015 to 0.041 mm

Static Load Rating	31,500 N
Bore Diameter (mm)	120
Dynamic Load Rating	28,300 N
Outer Diameter (mm)	150
Limiting Speed - Oil	4,800 rpm
Fillet Radius/Chamfer	1 mm
Limiting Speed - Grease	4,000 rpm
(Grease) Lubrication Speed	4000 r/min
Basic static load rating (C0)	31,5 kN
Basic dynamic load rating (C)	28,3 kN