



Bearing No. 6308N

D	90 mm
d	40 mm
B	23 mm
C	23 mm
a	3.28 mm
b	2.7 mm
r1	0.5 mm
D1	86.79 mm
Width	23 mm
Weight	0.633 Kg
r min.	1.5 mm
r1 min.	0.5 mm
a (max)	3.3 mm
da (min)	49 mm
Cy (max)	5.9 mm
Da (max)	81 mm
Dx (min)	98 mm
ra (max)	1.5 mm
Factor fo	13.2
Bore Type	Cylindrical Bore
Enclosure	Open
Size (mm)	40x90x23
Bore Size	40 mm
Width (mm)	23
Groove Width	2.7 mm
Configuration	Single Row
Bearing number	6308N
Groove Diameter	86.8 mm
Outside Diameter	90 mm
Radial Clearance	0.006 to 0.020 mm

Static Load Rating	24,100 N
Bore Diameter (mm)	40
Dynamic Load Rating	40,500 N
Outer Diameter (mm)	90
Limiting Speed - Oil	9,200 rpm
Fillet Radius/Chamfer	1.5 mm
Limiting Speed - Grease	7,800 rpm
(Grease) Lubrication Speed	7500 r/min
Basic static load rating (C0)	24,1 kN
Basic dynamic load rating (C)	40,5 kN