



# TIMKEN BEARINGS(UK)LTD.



## 45 mm x 100 mm x 25 mm FAG S6309 Single Row Ball Bearings

Bearing No. S6309

S6309 Bearing 2D drawings and 3D CAD models

Size	45x100x25 mm
Bore Diameter	45 mm
Outer Diameter	100 mm
Width	25 mm
d	45 mm
D	100 mm
B	25 mm
D <sub>1</sub>	83,3 mm
D <sub>a max</sub>	91 mm
d <sub>1</sub>	62 mm
d <sub>a min</sub>	54 mm
r <sub>a max</sub>	1,5 mm
r <sub>min</sub>	1,5 mm
m	0,859 kg / Weight
C <sub>r</sub>	56000 N / Dynamic load rating (radial)
C <sub>0r</sub>	31500 N / Static load rating (radial)
n <sub>G</sub>	9500 1/min / Limiting speed
n <sub>B</sub>	8300 1/min / Reference speed
C <sub>ur</sub>	2180 N / Fatigue limit load, radial