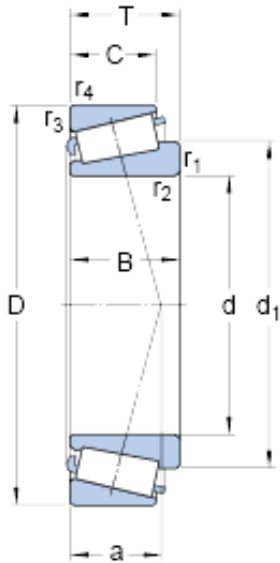




# Timken BEARINGS INDUSTRY



## 45 mm x 100 mm x 36 mm SKF 32309 J2/Q tapered roller bearings

Bearing No. 32309 J2/Q

32309 J2/Q Bearing 2D drawings and 3D CAD models

Size	100x45x38.25 mm
Bore Diameter	100 mm
Outer Diameter	45 mm
Width	38,25 mm
d	45 mm
D	100 mm
T	38.25 mm
d <sub>1</sub>	71.1 mm
B	36 mm
C	30 mm
r <sub>1,2</sub> - min.	2 mm
r <sub>3,4</sub> - min.	1.5 mm
a	25 mm
d <sub>a</sub> - max.	56 mm
d <sub>b</sub> - min.	54 mm
D <sub>a</sub> - min.	82 mm
D <sub>a</sub> - max.	91 mm
D <sub>b</sub> - min.	93 mm
C <sub>a</sub> - min.	4 mm
C <sub>b</sub> - min.	8 mm
r <sub>a</sub> - max.	2 mm
r <sub>b</sub> - max.	1.5 mm
Basic dynamic load rating - C	140 kN
Basic static load rating - C <sub>0</sub>	170 kN



## Timken BEARINGS INDUSTRY

Fatigue load limit - $P_u$	20.4 kN
Reference speed	4800 r/min
Limiting speed	7000 r/min
Calculation factor - e	0.35
Calculation factor - Y	1.7
Calculation factor - $Y_0$	0.9
Category	Roller Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	1.415
EAN	7316577006059
Product Group	B04334
bore diameter:	45 mm
operating temperature range:	Maximum of +250 ° F
cup width:	30 mm
dynamic load capacity:	140 kN
assembly type:	Cone & Cup
static load capacity:	170 kN
outside diameter:	100 mm
finish/coating:	Uncoated
cone width:	36 mm
maximum rpm:	7000 RPM
closure type:	Open
series:	323
abma precision rating:	Class 3
flange type:	Non-Flanged Cup
cage material:	Steel