



32311 Bearing 2D drawings and 3D CAD models

## skf 32311 bearing

Bearing No. 32311

Dimension series	2FD
d	55 mm
D	120 mm
T	45.5 mm
d <sub>1</sub>	84.6 mm
B	43 mm
C	35 mm
r <sub>1,2</sub> min.	2.5 mm
r <sub>3,4</sub> min.	2 mm
a	29.368 mm
d <sub>a</sub> max.	68 mm
d <sub>b</sub> min.	66.5 mm
D <sub>a</sub> min.	99 mm
D <sub>a</sub> max.	110.5 mm
D <sub>b</sub> min.	111 mm
C <sub>a</sub> min.	5 mm
C <sub>b</sub> min.	10.5 mm
r <sub>a</sub> max.	2.5 mm
r <sub>b</sub> max.	2 mm
Basic dynamic load rating C	245 kN
Basic static load rating C <sub>0</sub>	250 kN
Fatigue load limit P <sub>u</sub>	28.5 kN
Reference speed	4300 r/min
Limiting speed	5600 r/min
Calculation factor e	0.35
Calculation factor Y	1.7



## PRECISION BEARING CORP.

Calculation factor $Y_0$	0.9
Mass bearing	2.33 kg