



**SKF FBSA 208/QBC thrust ball bearings**

Bearing No. FBSA 208/QBC

FBSA 208/QBC Bearing 2D drawings and 3D CAD models

Size	40x165x106 mm
Bore Diameter	40 mm
Outer Diameter	165 mm
Width	106 mm
d	40 mm
H	165 mm
A	106 mm
A <sub>1</sub>	104.26 mm
A <sub>2</sub>	43.5 mm
A <sub>3</sub>	17 mm
d <sub>1</sub>	55 mm
D <sub>1</sub>	128 mm
D <sub>2</sub>	124 mm
D <sub>3</sub>	66 mm
Basic dynamic load rating - C	69.3 kN
Basic static load rating - C <sub>0</sub>	224 kN
Fatigue load limit - P <sub>u</sub>	8.3 kN
Limiting speed, Preload class A	3150 r/min
Limiting speed for oil lubrication	1575 mm/min
Preload class A	6800 N
Preload class B	13600 N
Frictional moment, Preload class A	0.424 N · m



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Frictional moment, Preload class B	0.92 N · m
Static Axial rigidity, Preload class A	2260 N/micron
Static Axial rigidity, Preload class B	2880 N/micron
A <sub>1</sub>	104.26 mm
A <sub>2</sub>	43.5 mm
A <sub>3</sub>	17 mm
d <sub>1</sub>	55 mm
D <sub>1</sub>	128 mm
D <sub>2</sub>	124 mm
D <sub>3</sub>	66 mm
Basic dynamic load rating C	69.3 kN
Basic static load rating C <sub>0</sub>	224 kN
Fatigue load limit P <sub>u</sub>	8.3 kN
Attainable speed for preload class A	3150 r/min
Attainable speed for preload class B	1575 r/min
Frictional moment for preload class A	0.424 N · m
Frictional moment for preload class B	0.92 N · m
Static axial stiffnes for preload class A	2260 N/ μ m
Static axial stiffnes for preload class B	2880 N/ μ m
Mass cartridge unit	9.7 kg
Through hole diameter for attachment bolts N	11.4 mm
Pitch diameter of attachment bolt holes J	146 mm
Cartridge half diameter without flange J <sub>1</sub>	64 mm