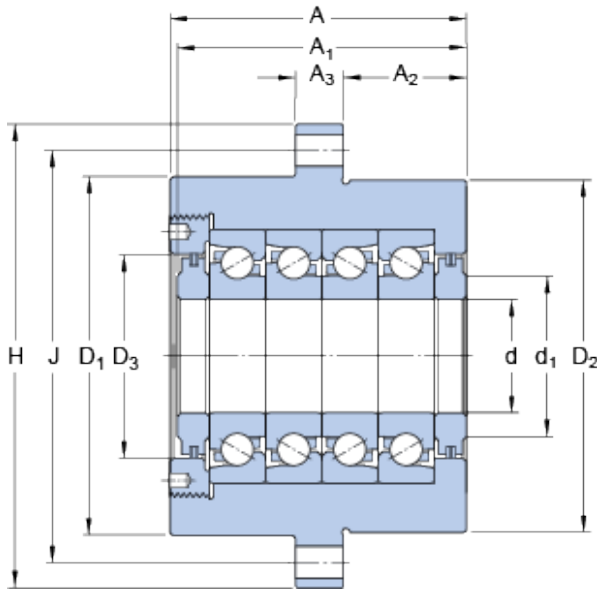




# San Driveshaft Co., Ltd.

## SKF FBSA 204/QBC High Accuracy Precision Bearings

Bearing No. FBSA 204/QBC



FBSA 204/QBC Bearing 2D drawings and 3D CAD models

Size	20x90x77 mm
Bore Diameter	20 mm
Outer Diameter	90 mm
Width	77 mm
d	20 mm
H	90 mm
A	77 mm
A <sub>1</sub>	74.26 mm
A <sub>2</sub>	32 mm
A <sub>3</sub>	13 mm
d <sub>1</sub>	26 mm
D <sub>1</sub>	64 mm
D <sub>2</sub>	60 mm
D <sub>3</sub>	36 mm
Basic dynamic load rating - C	35.9 kN
Basic static load rating - C <sub>0</sub>	98 kN
Fatigue load limit - P <sub>u</sub>	3.6 kN
Limiting speed, Preload class A	4750 r/min
Limiting speed for oil lubrication	2375 mm/min
Preload class A	2960 N
Preload class B	5920 N
Frictional moment, Preload	0.1 N · m



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class A	
Frictional moment, Preload class B	0.182 N · m
Static Axial rigidity, Preload class A	1360 N/micron
Static Axial rigidity, Preload class B	1720 N/micron
A <sub>1</sub>	74.26 mm
A <sub>2</sub>	32 mm
A <sub>3</sub>	13 mm
d <sub>1</sub>	26 mm
D <sub>1</sub>	64 mm
D <sub>2</sub>	60 mm
D <sub>3</sub>	36 mm
Basic dynamic load rating C	35.9 kN
Basic static load rating C <sub>0</sub>	98 kN
Fatigue load limit P <sub>u</sub>	3.6 kN
Attainable speed for preload class A	4750 r/min
Attainable speed for preload class B	2375 r/min
Frictional moment for preload class A	0.1 N · m
Frictional moment for preload class B	0.182 N · m
Static axial stiffness for preload class A	1360 N/ μ m
Static axial stiffness for preload class B	1720 N/ μ m
Mass cartridge unit	1.7 kg
Through hole diameter for attachment bolts N	6.6 mm
Pitch diameter of attachment bolt holes J	76 mm
Cartridge half diameter without flange J <sub>1</sub>	32 mm



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