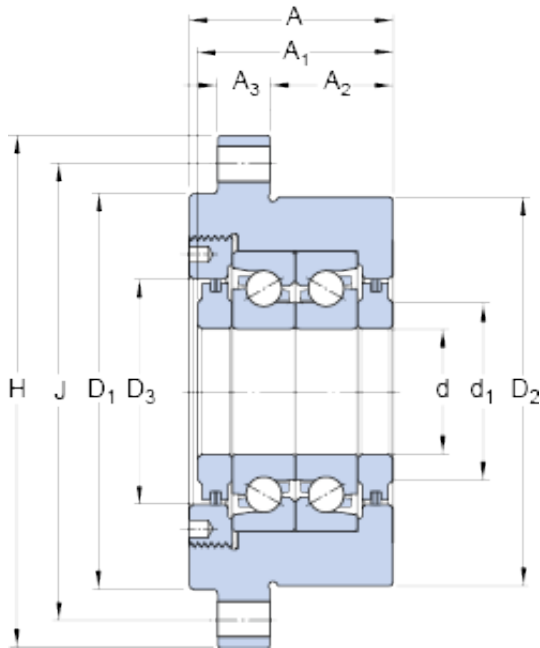




# SKF-SUDAMERICAN,S.A.

## SKF FBSA 206/DB thrust ball bearings

Bearing No. FBSA 206/DB



FBSA 206/DB Bearing 2D drawings and 3D CAD models

Size	30x120x52 mm
Bore Diameter	30 mm
Outer Diameter	120 mm
Width	52 mm
d	30 mm
H	120 mm
A	52 mm
A <sub>1</sub>	50.26 mm
A <sub>2</sub>	32 mm
A <sub>3</sub>	15 mm
d <sub>1</sub>	41 mm
D <sub>1</sub>	88 mm
D <sub>2</sub>	80 mm
D <sub>3</sub>	50 mm
Basic dynamic load rating - C	28.5 kN
Basic static load rating - C <sub>0</sub>	71 kN
Fatigue load limit - P <sub>u</sub>	2.6 kN
Limiting speed, Preload class A	6400 r/min
Limiting speed for oil lubrication	3200 mm/min
Preload class A	2150 N
Preload class B	4300 N
Frictional moment, Preload class A	0.12 N · m



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Frictional moment, Preload class B	0.21 N · m
Static Axial rigidity, Preload class A	870 N/micron
Static Axial rigidity, Preload class B	1110 N/micron
A <sub>1</sub>	50.26 mm
A <sub>2</sub>	32 mm
A <sub>3</sub>	15 mm
d <sub>1</sub>	41 mm
D <sub>1</sub>	88 mm
D <sub>2</sub>	80 mm
D <sub>3</sub>	50 mm
Basic dynamic load rating C	28.5 kN
Basic static load rating C <sub>0</sub>	71 kN
Fatigue load limit P <sub>u</sub>	2.65 kN
Attainable speed for preload class A	6400 r/min
Attainable speed for preload class B	3200 r/min
Frictional moment for preload class A	0.12 N · m
Frictional moment for preload class B	0.21 N · m
Static axial stiffness for preload class A	870 N/ μ m
Static axial stiffness for preload class B	1110 N/ μ m
Mass cartridge unit	2.5 kg
Through hole diameter for attachment bolts N	9.2 mm
Pitch diameter of attachment bolt holes J	102 mm
Cartridge half diameter without flange J <sub>1</sub>	44 mm