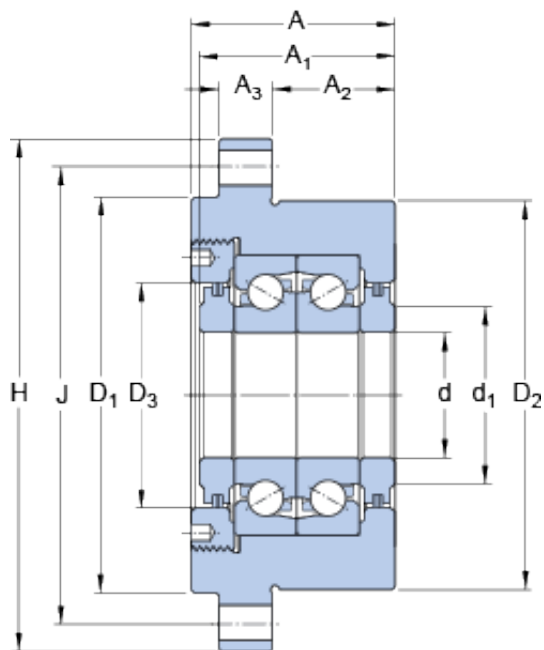




# NSK bearing Trading Co., Ltd

## SKF FBSA 207/DF thrust ball bearings

Bearing No. FBSA 207/DF



FBSA 207/DF Bearing 2D drawings and 3D CAD models

Size	35x130x52 mm
Bore Diameter	35 mm
Outer Diameter	130 mm
Width	52 mm
d	35 mm
H	130 mm
A	52 mm
A <sub>1</sub>	49.24 mm
A <sub>2</sub>	32 mm
A <sub>3</sub>	15 mm
d <sub>1</sub>	46 mm
D <sub>1</sub>	98 mm
D <sub>2</sub>	90 mm
D <sub>3</sub>	60 mm
Basic dynamic load rating - C	36.5 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	5600 r/min
Limiting speed for oil lubrication	2800 mm/min
Preload class A	2950 N
Preload class B	5900 N
Frictional moment, Preload class A	0.18 N · m



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Frictional moment, Preload class B	0.32 N · m
Static Axial rigidity, Preload class A	1080 N/micron
Static Axial rigidity, Preload class B	1370 N/micron
A <sub>1</sub>	49.24 mm
A <sub>2</sub>	32 mm
A <sub>3</sub>	15 mm
d <sub>1</sub>	46 mm
D <sub>1</sub>	98 mm
D <sub>2</sub>	90 mm
D <sub>3</sub>	60 mm
Basic dynamic load rating C	36.5 kN
Basic static load rating C <sub>0</sub>	98 kN
Fatigue load limit P <sub>u</sub>	3.65 kN
Attainable speed for preload class A	5600 r/min
Attainable speed for preload class B	2800 r/min
Frictional moment for preload class A	0.18 N · m
Frictional moment for preload class B	0.32 N · m
Static axial stiffness for preload class A	1080 N/ μ m
Static axial stiffness for preload class B	1370 N/ μ m
Mass cartridge unit	3.2 kg
Through hole diameter for attachment bolts N	9.2 mm
Pitch diameter of attachment bolt holes J	113 mm
Cartridge half diameter without flange J <sub>1</sub>	49 mm