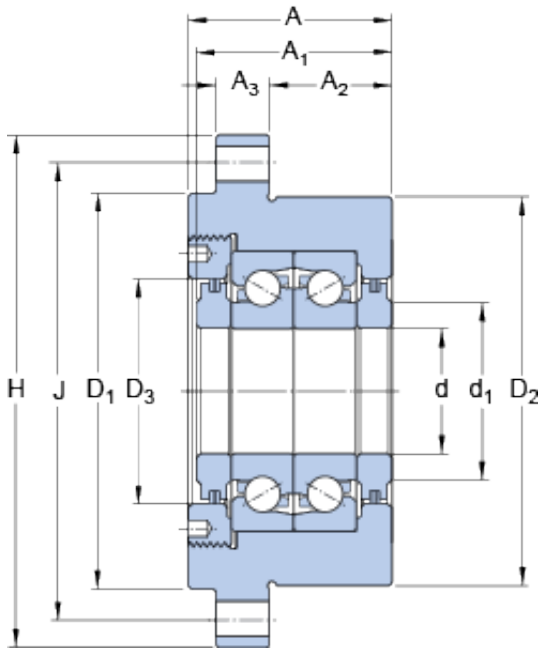




UGE BEARING INDUSTRIAL CO., LTD.

SKF FBSA 205/DF Quality Performance Precision Bearings

Bearing No. FBSA 205/DF



FBSA 205/DF Bearing 2D drawings and 3D CAD models

Size	25x120x52 mm
Bore Diameter	25 mm
Outer Diameter	120 mm
Width	52 mm
d	25 mm
H	120 mm
A	52 mm
A ₁	49.24 mm
A ₂	32 mm
A ₃	15 mm
d ₁	34 mm
D ₁	88 mm
D ₂	80 mm
D ₃	36 mm
Basic dynamic load rating - C	22.4 kN
Basic static load rating - C ₀	52 kN
Fatigue load limit - P _u	1.9 kN
Limiting speed, Preload class A	7200 r/min
Limiting speed for oil lubrication	3600 mm/min
Preload class A	1580 N
Preload class B	3160 N
Frictional moment, Preload	0.069 N · m



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class A	
Frictional moment, Preload class B	0.12 N · m
Static Axial rigidity, Preload class A	725 N/micron
Static Axial rigidity, Preload class B	925 N/micron
A ₁	49.24 mm
A ₂	32 mm
A ₃	15 mm
d ₁	34 mm
D ₁	88 mm
D ₂	80 mm
D ₃	36 mm
Basic dynamic load rating C	22.4 kN
Basic static load rating C ₀	52 kN
Fatigue load limit P _u	1.93 kN
Attainable speed for preload class A	7200 r/min
Attainable speed for preload class B	3600 r/min
Frictional moment for preload class A	0.069 N · m
Frictional moment for preload class B	0.12 N · m
Static axial stiffness for preload class A	725 N/ μ m
Static axial stiffness for preload class B	925 N/ μ m
Mass cartridge unit	2.3 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 ₁	44 mm



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