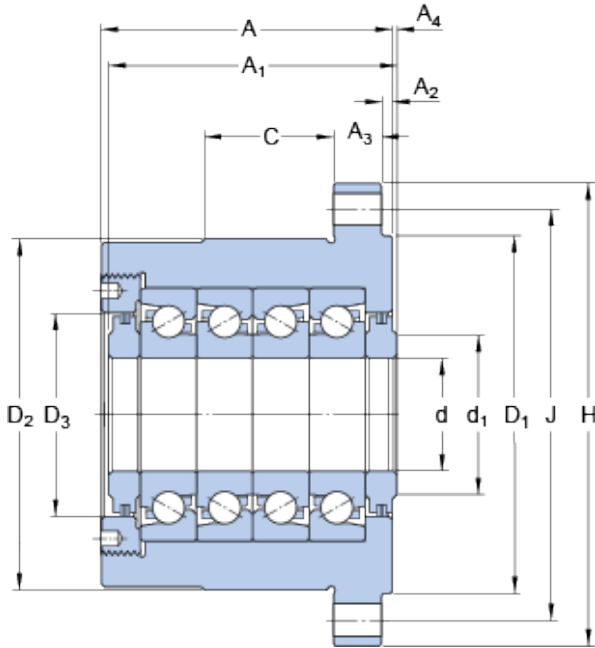




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SKF FBSA 206 A/QBC Matched Angular Contact Ball Bearings

Bearing No. FBSA 206 A/QBC



FBSA 206 A/QBC Bearing 2D drawings and 3D CAD models

Size	30x120x86 mm
Bore Diameter	30 mm
Outer Diameter	120 mm
Width	86 mm
d	30 mm
H	120 mm
A	86 mm
A ₁	86.26 mm
A ₂	3.5 mm
A ₃	15 mm
A ₄	1 mm
C	35 mm
d ₁	41 mm
D ₁	88 mm
D ₂	88 mm
D ₃	50 mm
Basic dynamic load rating - C	46.5 kN
Basic static load rating - C ₀	142 kN
Fatigue load limit - P _u	5.3 kN
Limiting speed, Preload class A	4000 r/min
Limiting speed for oil lubrication	2000 mm/min
Preload class A	4300 N



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Preload class B	8600 N
Frictional moment, Preload class A	0.24 N · m
Frictional moment, Preload class B	0.42 N · m
Static Axial rigidity, Preload class A	1740 N/micron
Static Axial rigidity, Preload class B	2220 N/micron
A ₁	86.26 mm
A ₂	3.5 mm
A ₃	15 mm
A ₄	1 mm
d ₁	41 mm
D ₁	88 mm
D ₂	88 mm
D ₃	50 mm
Basic dynamic load rating C	46.5 kN
Basic static load rating C ₀	142 kN
Fatigue load limit P _u	5.3 kN
Attainable speed for preload class A	4000 r/min
Attainable speed for preload class B	2000 r/min
Frictional moment for preload class A	0.24 N · m
Frictional moment for preload class B	0.42 N · m
Static axial stiffness for preload class A	1740 N/ μ m
Static axial stiffness for preload class B	2220 N/ μ m
Mass cartridge unit	3.7 kg
Through hole diameter for attachment bolts N	9.2 mm
Pitch diameter of	102 mm



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attachement bolt holes J	
Cartridge half diameter without flange J ₁	45 mm
Threaded hole size G	M8x1,25