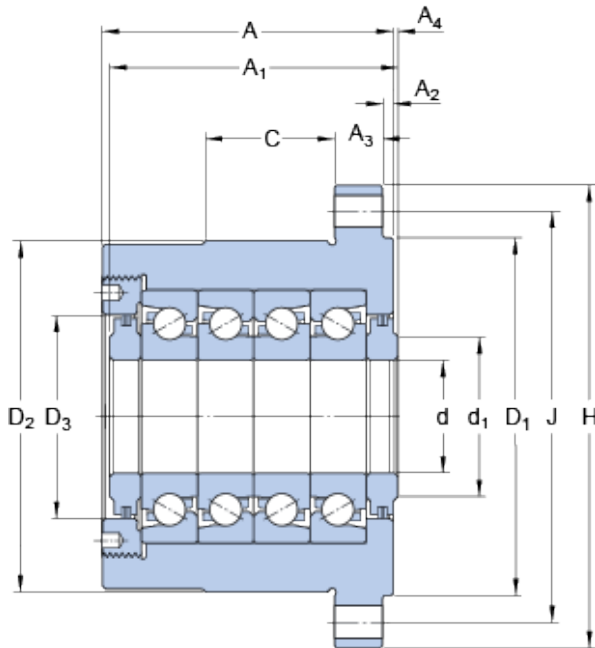




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SKF FBSA 212 A/QBC precision angular contact bearings

Bearing No. FBSA 212 A/QBC



FBSA 212 A/QBC Bearing 2D drawings and 3D CAD models

Size	60x185x114 mm
Bore Diameter	60 mm
Outer Diameter	185 mm
Width	114 mm
d	60 mm
H	185 mm
A	114 mm
A ₁	114.26 mm
A ₂	20.5 mm
A ₃	25 mm
A ₄	1 mm
C	40 mm
d ₁	80 mm
D ₁	145 mm
D ₂	145 mm
D ₃	92 mm
Basic dynamic load rating - C	113 kN
Basic static load rating - C ₀	432 kN
Fatigue load limit - P _u	16 kN
Limiting speed, Preload class A	2500 r/min
Limiting speed for oil lubrication	1250 mm/min
Preload class A	12100 N



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Preload class B	24200 N
Frictional moment, Preload class A	1.08 N · m
Frictional moment, Preload class B	2.1 N · m
Static Axial rigidity, Preload class A	3280 N/micron
Static Axial rigidity, Preload class B	4160 N/micron
A ₁	114.26 mm
A ₂	20.5 mm
A ₃	25 mm
A ₄	1 mm
d ₁	80 mm
D ₁	145 mm
D ₂	145 mm
D ₃	92 mm
Basic dynamic load rating C	113 kN
Basic static load rating C ₀	432 kN
Fatigue load limit P _u	16 kN
Attainable speed for preload class A	2500 r/min
Attainable speed for preload class B	1250 r/min
Frictional moment for preload class A	1.08 N · m
Frictional moment for preload class B	2.1 N · m
Static axial stiffness for preload class A	3280 N/ μ m
Static axial stiffness for preload class B	4160 N/ μ m
Mass cartridge unit	12.5 kg
Through hole diameter for attachment bolts N	11.4 mm
Pitch diameter of	165 mm



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attachement bolt holes J	
Cartridge half diameter without flange J ₁	74.5 mm
Threaded hole size G	M10x1,5