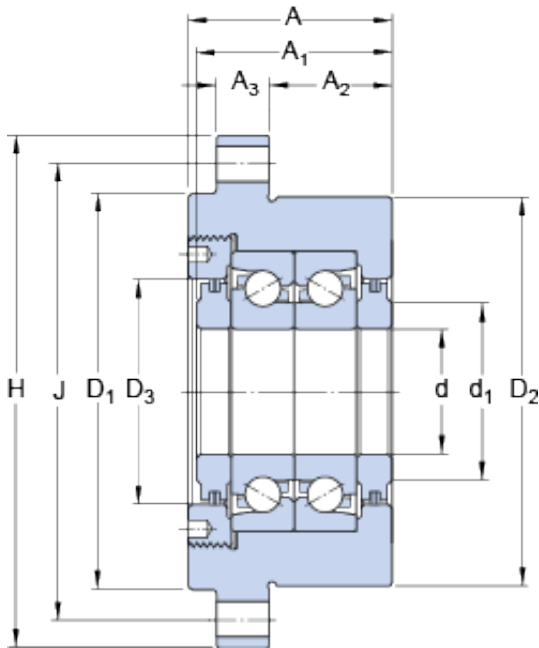




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SKF FBSA 204/DB Matched Angular Contact Ball Bearings

Bearing No. FBSA 204/DB



FBSA 204/DB Bearing 2D drawings and 3D CAD models

Size	20x90x47 mm
Bore Diameter	20 mm
Outer Diameter	90 mm
Width	47 mm
d	20 mm
H	90 mm
A	47 mm
A ₁	44.26 mm
A ₂	32 mm
A ₃	13 mm
d ₁	26 mm
D ₁	64 mm
D ₂	60 mm
D ₃	36 mm
Basic dynamic load rating - C	22 kN
Basic static load rating - C ₀	49 kN
Fatigue load limit - P _u	1.8 kN
Limiting speed, Preload class A	7600 r/min
Limiting speed for oil lubrication	3800 mm/min
Preload class A	1480 N
Preload class B	2960 N
Frictional moment, Preload	0.05 N · m



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class A	
Frictional moment, Preload class B	0.091 N · m
Static Axial rigidity, Preload class A	680 N/micron
Static Axial rigidity, Preload class B	860 N/micron
A ₁	44.26 mm
A ₂	32 mm
A ₃	13 mm
d ₁	26 mm
D ₁	64 mm
D ₂	60 mm
D ₃	36 mm
Basic dynamic load rating C	22 kN
Basic static load rating C ₀	49 kN
Fatigue load limit P _u	1.8 kN
Attainable speed for preload class A	7600 r/min
Attainable speed for preload class B	3800 r/min
Frictional moment for preload class A	0.05 N · m
Frictional moment for preload class B	0.091 N · m
Static axial stiffness for preload class A	680 N/ μ m
Static axial stiffness for preload class B	860 N/ μ m
Mass cartridge unit	1.1 kg
Through hole diameter for attachment bolts N	6.6 mm
Pitch diameter of attachment bolt holes J	76 mm
Cartridge half diameter without flange J ₁	32 mm



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