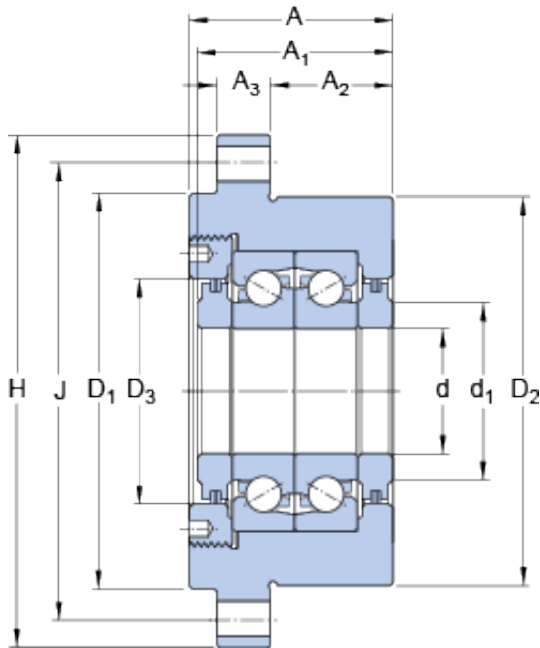




YYH Bearing & Drivetrain Co., Ltd.



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

SKF FBSA 207/DF Angular contact thrust ball bearings 2A-BST series

Bearing No. FBSA 207/DF

Size	35x130x52 mm
Bore Diameter	35 mm
Outer Diameter	130 mm
Width	52 mm
d	35 mm
H	130 mm
A	52 mm
A ₁	49.24 mm
A ₂	32 mm
A ₃	15 mm
d ₁	46 mm
D ₁	98 mm
D ₂	90 mm
D ₃	60 mm
Basic dynamic load rating - C	36.5 kN
Basic static load rating - C ₀	98 kN
Fatigue load limit - P _u	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	0.18 N · m



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class A	
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 ₁	49.24 mm
A ₂	32 mm
A ₃	15 mm
d ₁	46 mm
D ₁	98 mm
D ₂	90 mm
D ₃	60 mm
Basic dynamic load rating C	36.5 kN
Basic static load rating C ₀	98 kN
Fatigue load limit P _u	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 stiffnes for preload class A	1080 N/ μ m
Static axial stiffnes 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 ₁	49 mm



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