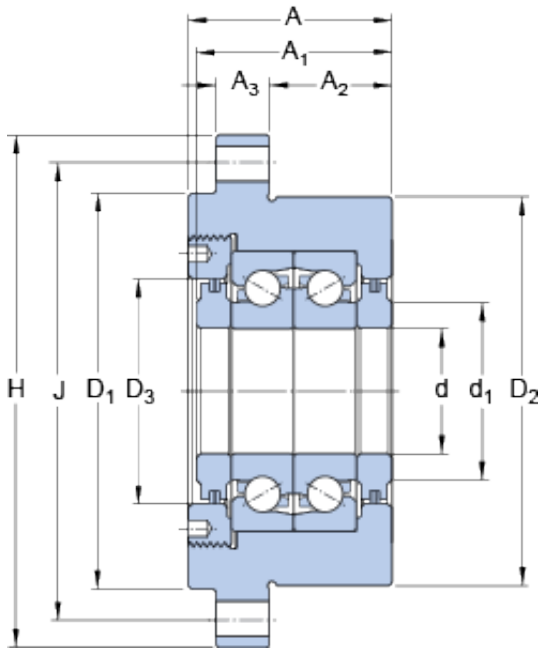




DPA Bearing Sales Corp.

SKF FBSA 208/DF High Speed Main Shaft Spindle Bearings

Bearing No. FBSA 208/DF



FBSA 208/DF Bearing 2D drawings and 3D CAD models

Size	40x165x66 mm
Bore Diameter	40 mm
Outer Diameter	165 mm
Width	66 mm
d	40 mm
H	165 mm
A	66 mm
A ₁	63.24 mm
A ₂	43.5 mm
A ₃	17 mm
d ₁	55 mm
D ₁	128 mm
D ₂	124 mm
D ₃	66 mm
Basic dynamic load rating - C	42.5 kN
Basic static load rating - C ₀	112 kN
Fatigue load limit - P _u	4.2 kN
Limiting speed, Preload class A	5040 r/min
Limiting speed for oil lubrication	2520 mm/min
Preload class A	3400 N
Preload class B	6800 N
Frictional moment, Preload	0.212 N · m



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class A	
Frictional moment, Preload class B	0.46 N · m
Static Axial rigidity, Preload class A	1130 N/micron
Static Axial rigidity, Preload class B	1440 N/micron
A ₁	63.24 mm
A ₂	43.5 mm
A ₃	17 mm
d ₁	55 mm
D ₁	128 mm
D ₂	124 mm
D ₃	66 mm
Basic dynamic load rating C	42.5 kN
Basic static load rating C ₀	112 kN
Fatigue load limit P _u	4.15 kN
Attainable speed for preload class A	5040 r/min
Attainable speed for preload class B	2520 r/min
Frictional moment for preload class A	0.212 N · m
Frictional moment for preload class B	0.46 N · m
Static axial stiffness for preload class A	1130 N/ μ m
Static axial stiffness for preload class B	1440 N/ μ m
Mass cartridge unit	6.1 kg
Through hole diameter for attachment bolts N	11.4 mm
Pitch diameter of attachment bolt holes J	146 mm
Cartridge half diameter without flange J ₁	64 mm



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