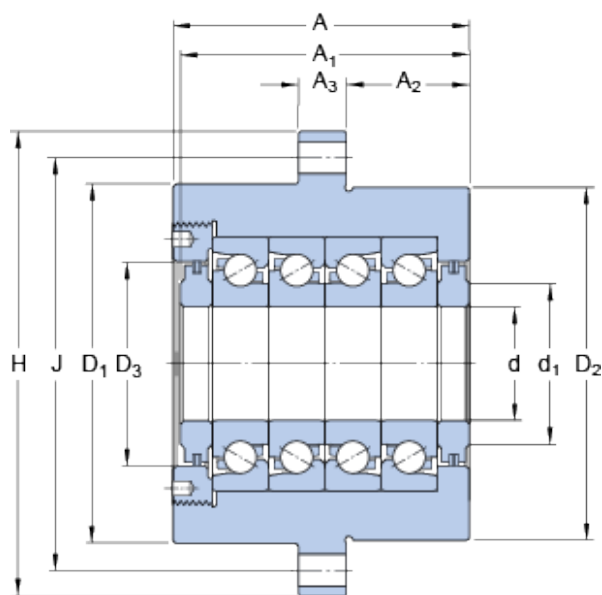




Bearing No. FBSA 205/QBC

H	120 mm
d	25 mm
A	82 mm
Size (mm)	25x120x82
Width (mm)	82
A ₃	15 mm
d ₁	34 mm
A ₂	32 mm
A ₁	80.26 mm
D ₁	88 mm
D ₂	80 mm
D ₃	40 mm
D ₃	40 mm
D ₂	80 mm
D ₁	88 mm
d ₁	34 mm
A ₃	15 mm
A ₂	32 mm
A ₁	80.26 mm
Bearing number	FBSA 205/QBC
Preload class A	3160 N
Preload class B	6320 N
Bore Diameter (mm)	25
Mass cartridge unit	3.5 kg
Outer Diameter (mm)	120
Basic dynamic load rating C	36.5 kN
Basic dynamic load rating - C	36.5 kN

Limiting speed, Preload class A	4500 r/min
Fatigue load limit P_u	3.86 kN
Frictional moment, Preload class B	0.24 N·m
Frictional moment, Preload class A	0.138 N·m
Limiting speed for oil lubrication	2250 mm/min
Fatigue load limit - P_u	3.9 kN
Attainable speed for preload class A	4500 r/min
Attainable speed for preload class B	2250 r/min
Frictional moment for preload class A	0.138 N·m
Frictional moment for preload class B	0.24 N·m
Static Axial rigidity, Preload class B	1850 N/micron
Static Axial rigidity, Preload class A	1450 N/micron
Basic static load rating C_0	104 kN
Basic static load rating - C_0	104 kN
Static axial stiffness for preload class A	1450 N/ μ m
Static axial stiffness for preload class B	1850 N/ μ m
Pitch diameter of attachment bolt holes J	102 mm
Through hole diameter for attachment bolts N	9.2 mm
Cartridge half diameter without flange J_1	44 mm