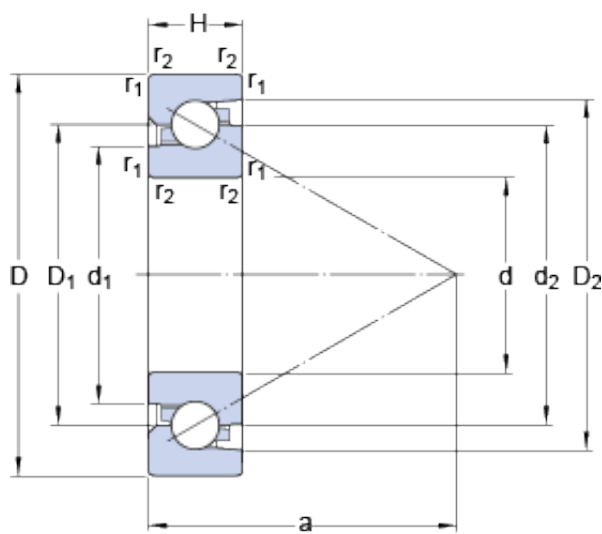




Bearing No. BSD 55120 C

D	120 mm
d	55 mm
H	20 mm
a	96 mm
Size (mm)	55x120x20
Width (mm)	20
Mass bearing	1.14 kg
D ₂	101.74 mm
D ₁	91.1 mm
d ₁	80.9 mm
d ₂	91 mm
D ₁	91.1 mm
D ₂	101.74 mm
d ₂	91 mm
d ₁	80.9 mm
Bearing number	BSD 55120 C
Preload class A	7300 N
G _{ref}	7.5 cm3
Preload class B	14600 N
Bore Diameter (mm)	55
r _a max.	1.5 mm
D _b max.	110 mm
D _a max.	110 mm
d _b min.	69 mm
d _a min.	69 mm
Outer Diameter (mm)	120
r _{1,2} min.	1.5 mm
D _b - max.	110 mm
d _a - min.	69 mm

D_a - max.	110 mm
r_a - max.	1.5 mm
d_b - min.	69 mm
$r_{1,2}$ - min.	1.5 mm
Basic dynamic load rating C	69.5 kN
Basic dynamic load rating - C	69.5 kN
Max. axial load - F_a	max. 130 kN
Fatigue load limit P_u	8.5 kN
Static axial stiffness, preload B	2300 N/ μ m
Static axial stiffness, preload A	1800 N/ μ m
Limiting speed for oil lubrication	6000 mm/min
Frictional moment, preload class B	1.26 N·m
Frictional moment, preload class A	0.72 N·m
Frictional moment, Preload class B	1.26 N·m
Frictional moment, Preload class A	0.72 N·m
Fatigue load limit - P_u	8.5 kN
Limiting speed for grease lubrication	5000 r/min
Basic static load rating C_0	228 kN
Static Axial rigidity, Preload class B	2300 N/micron
Static Axial rigidity, Preload class A	1800 N/micron
Attainable speed for grease lubrication	5000 r/min
Attainable speed for oil-	6000 r/min

air lubrication	
Basic static load rating - C_0	228 kN
Reference grease quantity G_{ref}	7.5 cm ³
Maximum axial load carrying capacity F_a max.	130 kN