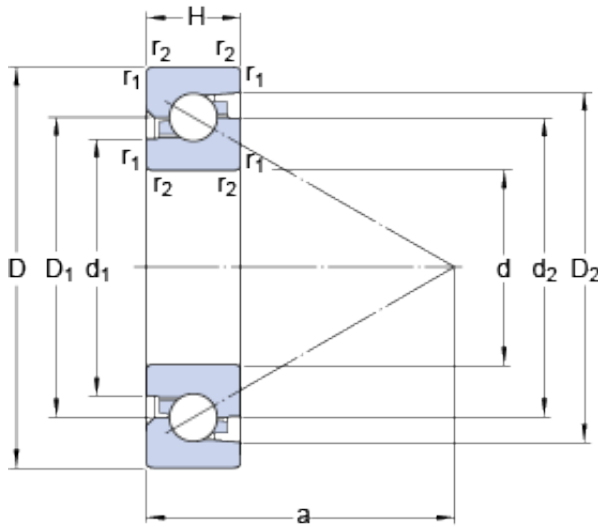




Super-Precision Bearings Manufacturer



BSA 201 C Bearing 2D drawings and 3D CAD models

SKF BSA 201 C precision wheel bearings

Bearing No. BSA 201 C

Size	12x32x10 mm
Bore Diameter	12 mm
Outer Diameter	32 mm
Width	10 mm
d	12 mm
D	32 mm
H	10 mm
d ₁	17.86 mm
d ₂	22 mm
D ₁	22.1 mm
D ₂	26.61 mm
r _{1,2} - min.	0.6 mm
a	26 mm
d _a - min.	17 mm
d _b - min.	17 mm
D _a - max.	29 mm
D _b - max.	29 mm
r _a - max.	0.6 mm
Basic dynamic load rating - C	11.8 kN
Basic static load rating - C ₀	21.2 kN
Fatigue load limit - P _u	0.8 kN
Limiting speed for grease lubrication	14000 r/min
Limiting speed for oil lubrication	17000 mm/min



Super-Precision Bearings Manufacturer

Preload class A	650 N
Preload class B	1300 N
Frictional moment, Preload class A	0.016 N · m
Frictional moment, Preload class B	0.028 N · m
Static Axial rigidity, Preload class A	400 N/micron
Static Axial rigidity, Preload class B	510 N/micron
Max. axial load - F_a	max. 6.2 kN
G_{ref}	0.4 cm ³
d_1	17.86 mm
d_2	22 mm
D_1	22.1 mm
D_2	26.61 mm
$r_{1,2}$ min.	0.6 mm
d_a min.	17 mm
d_b min.	17 mm
D_a max.	29 mm
D_b max.	29 mm
r_a max.	0.6 mm
Basic dynamic load rating C	11.8 kN
Basic static load rating C_0	21.2 kN
Fatigue load limit P_u	0.8 kN
Attainable speed for grease lubrication	14000 r/min
Attainable speed for oil-air lubrication	17000 r/min
Frictional moment, preload class A	0.016 N · m
Frictional moment, preload class B	0.028 N · m
Static axial stiffness, preload A	400 N/ μ m



Super-Precision Bearings Manufacturer

Static axial stiffness, preload B	510 N/ μ m
Maximum axial load carrying capacity F_a max.	6.25 kN
Reference grease quantity G_{ref}	0.4 cm ³
Mass bearing	0.043 kg