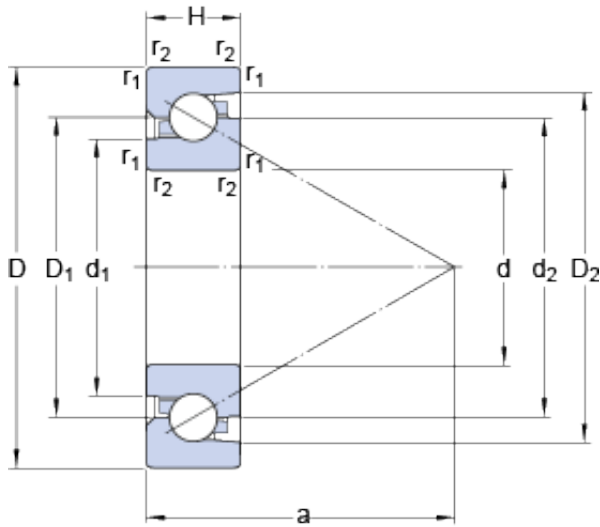




EYA Bearing Roller Industry Co.,Ltd



BSA 210 C Bearing 2D drawings and 3D CAD models

SKF BSA 210 C thrust ball bearings

Bearing No. BSA 210 C

Size	50x90x20 mm
Bore Diameter	50 mm
Outer Diameter	90 mm
Width	20 mm
d	50 mm
D	90 mm
H	20 mm
d ₁	64.4 mm
d ₂	72 mm
D ₁	72.1 mm
D ₂	80.43 mm
r _{1,2} - min.	1.1 mm
a	78 mm
d _a - min.	59 mm
d _b - min.	59 mm
D _a - max.	84 mm
D _b - max.	84 mm
r _a - max.	1 mm
Basic dynamic load rating - C	46.5 kN
Basic static load rating - C ₀	146 kN
Fatigue load limit - P _u	5.4 kN
Limiting speed for grease lubrication	6000 r/min
Limiting speed for oil lubrication	7000 mm/min



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Preload class A	4100 N
Preload class B	8200 N
Frictional moment, Preload class A	0.31 N · m
Frictional moment, Preload class B	0.68 N · m
Static Axial rigidity, Preload class A	1410 N/micron
Static Axial rigidity, Preload class B	1800 N/micron
Max. axial load - F_a	max. 42.5 kN
G_{ref}	5.2 cm ³
d_1	64.4 mm
d_2	72 mm
D_1	72.1 mm
D_2	80.43 mm
$r_{1,2}$ min.	1.1 mm
d_a min.	59 mm
d_b min.	59 mm
D_a max.	84 mm
D_b max.	84 mm
r_a max.	1 mm
Basic dynamic load rating C	46.5 kN
Basic static load rating C_0	146 kN
Fatigue load limit P_u	5.4 kN
Attainable speed for grease lubrication	6000 r/min
Attainable speed for oil-air lubrication	7000 r/min
Frictional moment, preload class A	0.31 N · m
Frictional moment, preload class B	0.68 N · m
Static axial stiffness, preload A	1410 N/ μ m



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Static axial stiffness, preload B	1800 N/ μ m
Maximum axial load carrying capacity F_a max.	42.5 kN
Reference grease quantity G_{ref}	5.2 cm ³
Mass bearing	0.56 kg