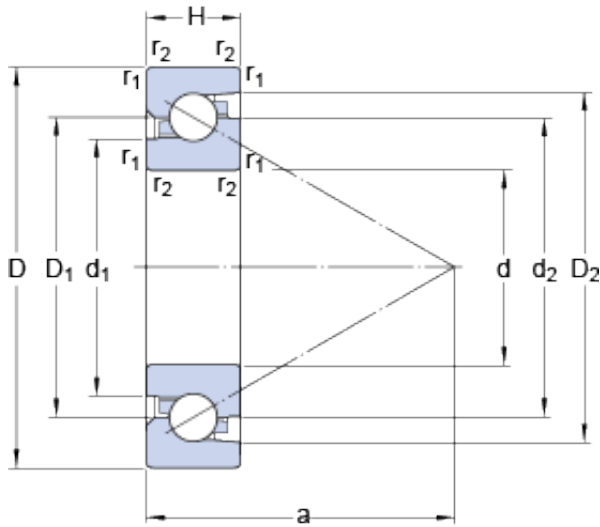




Double BALL BEARINGS CO, LTD

SKF BSA 215 C thrust ball bearings

Bearing No. BSA 215 C



BSA 215 C Bearing 2D drawings and 3D CAD models

| | |
|---|--------------|
| Size | 75x130x25 mm |
| Bore Diameter | 75 mm |
| Outer Diameter | 130 mm |
| Width | 25 mm |
| d | 75 mm |
| D | 130 mm |
| H | 25 mm |
| d ₁ | 91.23 mm |
| d ₂ | 100 mm |
| D ₁ | 100.1 mm |
| D ₂ | 110.73 mm |
| r _{1,2} - min. | 1.5 mm |
| a | 107 mm |
| d _a - min. | 85 mm |
| d _b - min. | 85 mm |
| D _a - max. | 122 mm |
| D _b - max. | 122 mm |
| r _a - max. | 1.5 mm |
| Basic dynamic load rating - C | 72 kN |
| Basic static load rating - C ₀ | 245 kN |
| Fatigue load limit - P _u | 9.2 kN |
| Limiting speed for grease lubrication | 4300 r/min |
| Limiting speed for oil lubrication | 5000 mm/min |
| | |



Double BALL BEARINGS CO, LTD

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|--|----------------------|
| Preload class A | 6850 N |
| Preload class B | 13700 N |
| Frictional moment, Preload class A | 0.65 N · m |
| Frictional moment, Preload class B | 1.4 N · m |
| Static Axial rigidity, Preload class A | 1870 N/micron |
| Static Axial rigidity, Preload class B | 2380 N/micron |
| Max. axial load - F_a | max. 76 kN |
| G_{ref} | 11.1 cm ³ |
| d_1 | 91.23 mm |
| d_2 | 100 mm |
| D_1 | 100.1 mm |
| D_2 | 110.73 mm |
| $r_{1,2}$ min. | 1.5 mm |
| d_a min. | 85 mm |
| d_b min. | 85 mm |
| D_a max. | 122 mm |
| D_b max. | 122 mm |
| r_a max. | 1.5 mm |
| Basic dynamic load rating C | 72 kN |
| Basic static load rating C_0 | 245 kN |
| Fatigue load limit P_u | 9.15 kN |
| Attainable speed for grease lubrication | 4300 r/min |
| Attainable speed for oil-air lubrication | 5000 r/min |
| Frictional moment, preload class A | 0.65 N · m |
| Frictional moment, preload class B | 1.4 N · m |
| Static axial stiffness, preload A | 1870 N/ μ m |



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| | |
|--|----------------------|
| Static axial stiffness, preload B | 2380 N/ μ m |
| Maximum axial load carrying capacity F_a max. | 76 kN |
| Reference grease quantity G_{ref} | 11.1 cm ³ |
| Mass bearing | 1.45 kg |