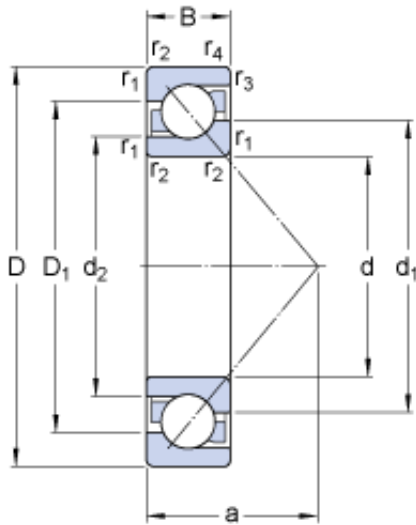




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35 mm x 72 mm x 17 mm SKF 7207 BECBPH angular contact ball bearings

Bearing No. 7207 BECBPH

7207 BECBPH Bearing 2D drawings and 3D CAD models

| | |
|---|-------------|
| Size | 72x35x17 mm |
| Bore Diameter | 72 mm |
| Outer Diameter | 35 mm |
| Width | 17 mm |
| d | 35 mm |
| D | 72 mm |
| B | 17 mm |
| d ₁ | 49.65 mm |
| d ₂ | 41.96 mm |
| D ₁ | 58.25 mm |
| a | 31 mm |
| r _{1,2} - min. | 1.1 mm |
| r _{3,4} - min. | 0.6 mm |
| d _a - min. | 42 mm |
| D _a - max. | 65 mm |
| D _b - max. | 67.8 mm |
| r _a - max. | 1 mm |
| r _b - max. | 0.6 mm |
| Basic dynamic load rating - C | 31 kN |
| Basic static load rating - C ₀ | 20.8 kN |
| Fatigue load limit - P _u | 0.88 kN |
| Reference speed | 12000 r/min |
| Limiting speed | 12000 r/min |
| Calculation factor - k _r | 0.095 |



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| | |
|--------------------------------|----------|
| Calculation factor - k_a | 1.4 |
| Calculation factor - e | 1.14 |
| Calculation factor - X | 0.57 |
| Calculation factor - Y_0 | 0.52 |
| Calculation factor - Y_1 | 0.55 |
| Calculation factor - Y_2 | 0.93 |
| Calculation factor - X | 0.35 |
| Calculation factor - Y_0 | 0.26 |
| Calculation factor - Y_1 | |
| Calculation factor - Y_2 | 0.57 |
| d_1 | 49.65 mm |
| d_2 | 41.96 mm |
| D_1 | 58.25 mm |
| $r_{1,2}$ min. | 1.1 mm |
| $r_{3,4}$ min. | 0.6 mm |
| d_a min. | 42 mm |
| D_a max. | 65 mm |
| D_b max. | 67.8 mm |
| r_a max. | 1 mm |
| r_b max. | 0.6 mm |
| Basic dynamic load rating C | 31 kN |
| Basic static load rating C_0 | 20.8 kN |
| Fatigue load limit P_u | 0.88 kN |
| Calculation factor A | 0.00674 |
| Calculation factor k_r | 0.095 |
| Calculation factor e | 1.14 |
| Calculation factor X | 0.35 |
| Calculation factor Y_0 | 0.26 |
| Calculation factor Y_2 | 0.57 |
| Calculation factor X | 0.57 |
| Calculation factor Y_0 | 0.52 |
| | |



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| | |
|--------------------------|---------|
| Calculation factor Y_1 | 0.55 |
| Calculation factor Y_2 | 0.93 |
| Mass bearing | 0.28 kg |