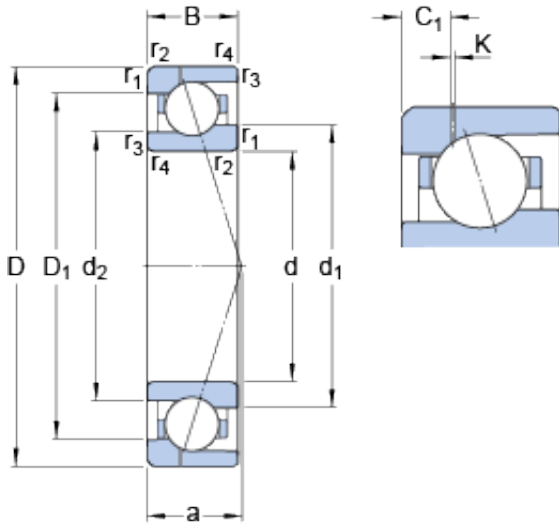




# SNR Bearing Argentina



85 mm x 120 mm x 18 mm SKF 71917  
CE/P4AH1 angular contact ball bearings

Bearing No. 71917 CE/P4AH1

71917 CE/P4AH1 Bearing 2D drawings and 3D CAD models

|                                           |              |
|-------------------------------------------|--------------|
| Size                                      | 120x85x18 mm |
| Bore Diameter                             | 120 mm       |
| Outer Diameter                            | 85 mm        |
| Width                                     | 18 mm        |
| d                                         | 85 mm        |
| D                                         | 120 mm       |
| B                                         | 18 mm        |
| d <sub>1</sub>                            | 96 mm        |
| d <sub>2</sub>                            | 92.9 mm      |
| D <sub>1</sub>                            | 109.22 mm    |
| K                                         | 0.5 mm       |
| C <sub>1</sub>                            | 5.48 mm      |
| r <sub>1,2</sub> - min.                   | 1.1 mm       |
| r <sub>3,4</sub> - min.                   | 0.6 mm       |
| a                                         | 23.4 mm      |
| d <sub>a</sub> - min.                     | 91 mm        |
| d <sub>b</sub> - min.                     | 88.2 mm      |
| D <sub>a</sub> - max.                     | 114 mm       |
| D <sub>b</sub> - max.                     | 116.8 mm     |
| r <sub>a</sub> - max.                     | 1 mm         |
| r <sub>b</sub> - max.                     | 0.6 mm       |
| d <sub>n</sub>                            | 98.6 mm      |
| Basic dynamic load rating - C             | 29.6 kN      |
| Basic static load rating - C <sub>0</sub> | 23.2 kN      |



## SNR Bearing Argentina

|                                       |                   |
|---------------------------------------|-------------------|
| Fatigue load limit - $P_u$            | 0.95 kN           |
| Limiting speed for grease lubrication | 15500 r/min       |
| Limiting speed for oil lubrication    | 24000 mm/min      |
| Ball - $D_w$                          | 11.112 mm         |
| Ball - $z$                            | 23                |
| $G_{ref}$                             | 7 cm <sup>3</sup> |
| Calculation factor - $f_0$            | 8.4               |
| Preload class A - $G_A$               | 160 N             |
| Preload class B - $G_B$               | 479 N             |
| Preload class C - $G_C$               | 957 N             |
| Calculation factor - $f$              | 1.16              |
| Calculation factor - $f$              | 1                 |
| Calculation factor - $f_{2A}$         | 1                 |
| Calculation factor - $f_{2B}$         | 1.04              |
| Calculation factor - $f_{2C}$         | 1.08              |
| Calculation factor - $f_{HC}$         | 1                 |
| Preload class A                       | 63 N/micron       |
| Preload class B                       | 99 N/micron       |
| Preload class C                       | 136 N/micron      |
| $d_1$                                 | 96 mm             |
| $d_2$                                 | 92.9 mm           |
| $D_1$                                 | 109.22 mm         |
| $C_1$                                 | 5.48 mm           |
| $r_{1,2}$ min.                        | 1.1 mm            |
| $r_{3,4}$ min.                        | 0.6 mm            |
| $d_a$ min.                            | 91 mm             |
| $d_b$ min.                            | 88.2 mm           |
| $D_a$ max.                            | 114 mm            |
| $D_b$ max.                            | 116.8 mm          |



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|                                          |                   |
|------------------------------------------|-------------------|
| $r_a$ max.                               | 1 mm              |
| $r_b$ max.                               | 0.6 mm            |
| $d_n$                                    | 98.6 mm           |
| Basic dynamic load rating C              | 29.6 kN           |
| Basic static load rating $C_0$           | 23.2 kN           |
| Fatigue load limit $P_u$                 | 0.95 kN           |
| Attainable speed for grease lubrication  | 15500 r/min       |
| Attainable speed for oil-air lubrication | 24000 r/min       |
| Ball diameter $D_w$                      | 11.112 mm         |
| Number of balls z                        | 23                |
| Reference grease quantity $G_{ref}$      | 7 cm <sup>3</sup> |
| Preload class A $G_A$                    | 160 N             |
| Static axial stiffness, preload class A  | 63 N/ $\mu$ m     |
| Preload class B $G_B$                    | 479 N             |
| Static axial stiffness, preload class B  | 99 N/ $\mu$ m     |
| Preload class C $G_C$                    | 957 N             |
| Static axial stiffness, preload class C  | 136 N/ $\mu$ m    |
| Calculation factor f                     | 1.16              |
| Calculation factor $f_1$                 | 1                 |
| Calculation factor $f_{2A}$              | 1                 |
| Calculation factor $f_{2B}$              | 1.04              |
| Calculation factor $f_{2C}$              | 1.08              |
| Calculation factor $f_{HC}$              | 1                 |
| Calculation factor $f_0$                 | 8.4               |
| Mass bearing                             | 0.5 kg            |