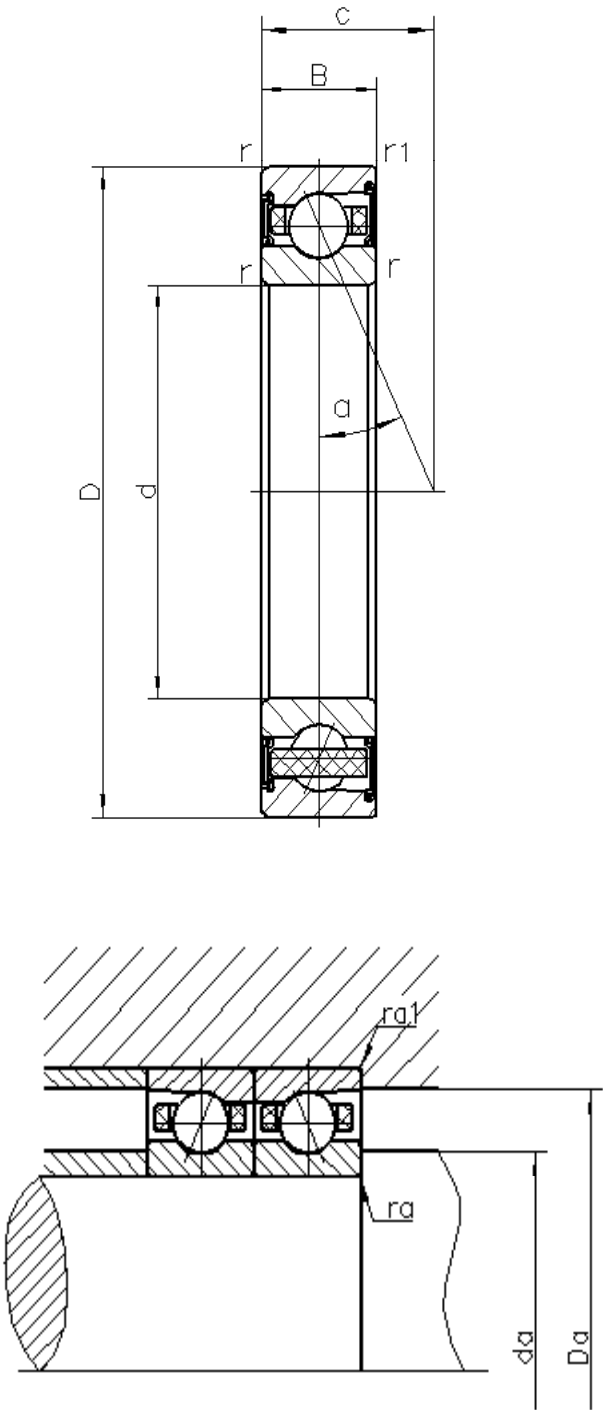


PRECISION ANGULAR CONTACT BALL BEARINGS

TYPE 7005AC-2RZTA/P4S B7005 E 2RSD T P4S UL  
PRECISION P4S



|                    |       |       |                                   |
|--------------------|-------|-------|-----------------------------------|
| d                  | 25    | mm    |                                   |
| D                  | 47    | mm    |                                   |
| B                  | 12    | mm    |                                   |
| c                  | 14.4  | mm    |                                   |
| Da                 | 42    | mm    | Tolerance: H12                    |
| da                 | 30    | mm    | Tolerance: h12                    |
| r<br>min           | 0.6   | mm    |                                   |
| r1<br>min          | 0.3   | mm    |                                   |
| ra<br>max          | 0.6   | mm    |                                   |
| ra1<br>max         | 0.3   | mm    |                                   |
| α                  | 25°   |       | Contact angle                     |
| m                  | 0.075 | kg    | Mass                              |
| Cr                 | 11700 | N     | Basic dynamic load rating, radial |
| Cor                | 7630  | N     | Basic static load rating, radial  |
| Fv<br>L            | 100   | N     | Preload force                     |
| Fv<br>M            | 200   | N     | Preload force                     |
| Fv<br>H            | 390   | N     | Preload force                     |
| Ca<br>L            | 75.6  | N/um  | Axial rigidity                    |
| Ca<br>M            | 97.7  | N/um  | Axial rigidity                    |
| Ca<br>H            | 126.6 | N/um  | Axial rigidity                    |
| Limiting<br>speeds | 28000 | r/min | Lubrication: grease               |