

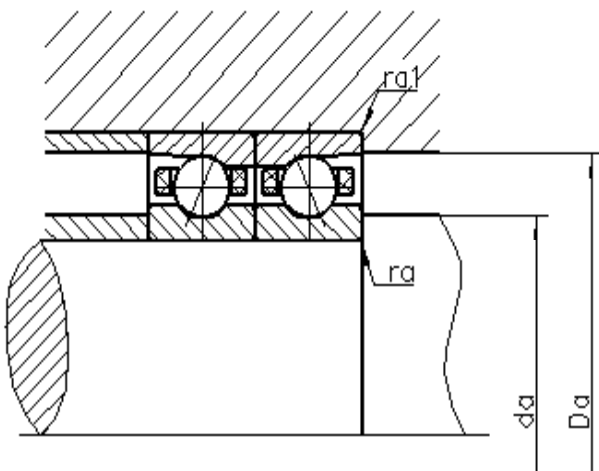
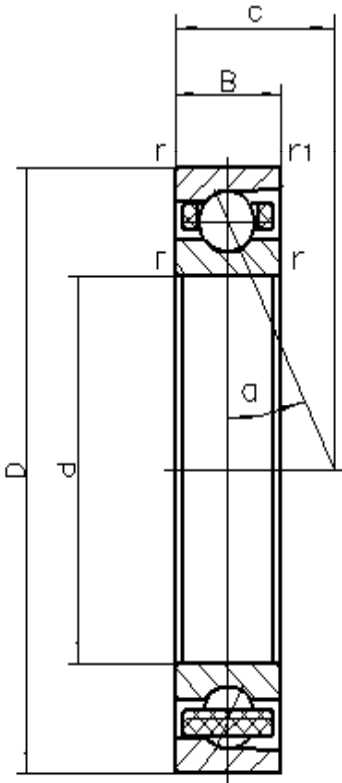
PRECISION ANGULAR CONTACT BALL BEARINGS



TYPE 7012CTA/HQ1P4S HCB7012 C T P4S UL

PRECISION P4S

CERAMIC BALL



| | | | |
|--------------------|-------|-------|-----------------------------------|
| d | 60 | mm | |
| D | 95 | mm | |
| B | 18 | mm | |
| c | 19.4 | mm | |
| Da | 88 | mm | Tolerance: H12 |
| da | 67 | mm | Tolerance: h12 |
| r _{min} | 1.1 | mm | |
| r1 _{min} | 0.6 | mm | |
| ra _{max} | 1 | mm | |
| ra1 _{max} | 0.6 | mm | |
| α | 15° | | Contact angle |
| m | 0.333 | kg | Mass |
| Cr | 35040 | N | Basic dynamic load rating, radial |
| Cor | 21460 | N | Basic static load rating, radial |
| Fv _L | 200 | N | Preload force |
| Fv _M | 540 | N | Preload force |
| Fv _H | 1080 | N | Preload force |
| Ca _L | 82.7 | N/um | Axial rigidity |
| Ca _M | 128.5 | N/um | Axial rigidity |
| Ca _H | 180.4 | N/um | Axial rigidity |
| Limiting speeds | 32000 | r/min | Lubrication: oil |
| | 20000 | r/min | Lubrication: grease |