

## Angular Contact Ball Bearings

### High speed Angular Contact Ball Bearings-H7007C/HC



|                           |                  |
|---------------------------|------------------|
| Bearing NO.               | <b>H7007C/HC</b> |
| Dimensions(mm)            |                  |
| d                         | 35               |
| D                         | 62               |
| B                         | 14               |
| Basic Loading Ratings(KN) |                  |
| C                         | 11.4             |
| C0                        | 6.55             |
| Fatigue limit Pu (kN)     | 0.28             |
| Calculation coefficient   | 7.9              |
| f0                        |                  |
| Limiting speeds (r/min)   |                  |
| Grease                    | 40000            |
| Oil                       | 63000            |
| d1 ~                      | 43.7             |
| D1 ~                      | 54.9             |
| r1,2 min                  | 1                |
| r3,4 min                  | 0.6              |
| a                         | 14               |
| da,db min (mm)            | 39.6             |
| Da max (mm)               | 57.4             |
| Db max (mm)               | 57.8             |
| ra max (mm)               | 1                |
| rb max (mm)               | 0.6              |
| Weight (kg)               | 0.13             |