



## SKF FYC 509

Round flanged housing for insert bearing, cast iron

These round flanged housings for insert bearings are made of grey cast iron and can be bolted with four bolts to a machine wall or frame. They have been developed for bearing arrangements that must operate reliably in difficult environments.

### Technical specifications

| General                                                                |               |
|------------------------------------------------------------------------|---------------|
| Material                                                               | Cast iron     |
| Dimensions                                                             |               |
| Diameter of spherical seat                                             | 85 mm         |
| External diameter                                                      | 106.1 mm      |
| Centring diameter                                                      | 105 mm        |
| Overall width                                                          | 37.5 mm       |
| Flange width                                                           | 14 mm         |
| Axial position of spherical seat (from support surface)                | 22 mm         |
| Height of spherical seat centre                                        | 12 mm         |
| Pitch diameter of bolt holes                                           | 132           |
| Distance between attachment bolts                                      | 93.3 mm       |
| Overall width                                                          | 160 mm        |
| Length of attachment bolt hole                                         | 16 mm         |
| Housing thread for grease fitting                                      | 1/4-28 UNF    |
| Axial position of the housing thread                                   | 21 mm         |
| Diameter of head sphere of grease fitting                              | 6.5 mm        |
| Hexagonal key size for the grease fitting                              | 7 mm          |
| Thread of the grease fitting                                           | 1/4-28 SAE-LT |
| Spherical seating diameter                                             | 85 mm         |
| Housing overall width                                                  | 37.5 mm       |
| Pitch diameter of bolt holes of round and triangle flange type housing | 132 mm        |
| Mounting information                                                   |               |
| Recommended diameter for attachment bolts, mm                          | 14 mm         |
| Recommended diameter for attachment bolts, inch                        | 0.5625 in     |
| Properties                                                             |               |
| Housing type                                                           | Flanged       |
| Flanged housing type                                                   | Round         |
| Number of bolt holes for fasteners                                     | 4             |
| Fastening bolt hole type                                               | Plain         |
| Material, housing                                                      | Cast iron     |
| Coating                                                                | Without       |
| Relubrication hole                                                     | With          |
| Grease fitting                                                         | With          |
| Logistics                                                              |               |
| Product net weight                                                     | 1.98 kg       |
| eClass code                                                            | 23-05-16-02   |
| UNSPSC code                                                            | 31171536      |

**SKF drawings**

