



## SKF TUJ 512

### Take-up cast iron housing for insert bearing, JIS

Take-up cast iron housings are non-split housings made of grey cast iron and are designed to provide a high degree of stiffness and accommodate heavy loads acting in different directions. These types of loads are typically encountered in conveyors, roller beds and crushers. Cast take-up housing are made of grey cast iron.

## Technical specifications

| General  |           |
|----------|-----------|
| Material | Cast iron |

| Dimensions                                                                  |               |
|-----------------------------------------------------------------------------|---------------|
| Diameter of spherical seat                                                  | 110 mm        |
| Overall width                                                               | 60 mm         |
| Width of location slot                                                      | 22 mm         |
| Width of flange in which location slot is provided                          | 44 mm         |
| Overall height                                                              | 146 mm        |
| Distance between bottoms of location slot                                   | 130 mm        |
| Height of attachment end                                                    | 102 mm        |
| Overall length                                                              | 186 mm        |
| Distance from attachment end face to centre line of spherical seat diameter | 118 mm        |
| Length attachment end                                                       | 19 mm         |
| Length of locations slot                                                    | 100 mm        |
| Diameter of attachment bolt hole                                            | 35 mm         |
| Length of attachment slot                                                   | 32 mm         |
| Height of attachment slot                                                   | 63.5 mm       |
| Housing thread for the grease fitting                                       | 1/4-28 UNF    |
| Axial position of the housing thread                                        | 5.5 mm        |
| Angular position of the housing thread                                      | 30 °          |
| 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                                                  | 110 mm        |
| Housing overall width                                                       | 60 mm         |

| Properties         |           |
|--------------------|-----------|
| Housing type       | Take-up   |
| Material, housing  | Cast iron |
| Coating            | Without   |
| Relubrication hole | With      |
| Grease fitting     | With      |

| Logistics          |             |
|--------------------|-------------|
| Product net weight | 3.03 kg     |
| eClass code        | 23-05-16-02 |
| UNSPSC code        | 31171536    |

SKF drawings

