

**FAG****UCT205-15** [↗](#)

Take-up housing unit

Housing units UCT, cast iron housing, radial insert ball bearing with grub screws in inner ring, RSR seals, for linear motion

Technical information

**Your current product variant**

| | | |
|----------|----|----------------|
| Material | GG | Grey cast iron |
|----------|----|----------------|

Main Dimensions & Performance Data

| | | |
|-----------------|----------|-----------------------------------|
| d | 23,81 mm | Bore diameter |
| H | 89 mm | Height |
| L | 97 mm | Length total |
| C _{0r} | 7.800 N | Basic static load rating, radial |
| C _{ur} | 410 N | Fatigue load limit, radial |
| C _r | 14.900 N | Basic dynamic load rating, radial |
| ≈m | 0,81 kg | Weight |

Mounting dimensions

| | | |
|----------------|---------|--|
| A ₁ | 12 mm | Width guidance groove |
| | 0,2 mm | Upper width guidance groove tolerance |
| | 0 mm | Lower width guidance groove tolerance |
| H ₁ | 76 mm | Distance guidance grooves |
| | 0 mm | Upper distance guidance groove tolerance |
| | -0,5 mm | Lower distance guidance groove tolerance |
| N | 19 mm | Fixing bore |



Dimensions

| | | |
|----------------|---------|---------------------------------------|
| L ₁ | 62 mm | Distance shaft axis |
| L ₂ | 10 mm | Length fixed link |
| L ₃ | 51 mm | Length guidance groove |
| A | 32 mm | Width housing fixing side |
| N ₁ | 16 mm | Width recess |
| N ₂ | 32 mm | Height recess |
| B | 34,1 mm | Width inner ring |
| S ₁ | 19,8 mm | Distance of raceway to locking collar |
| T | 51 mm | Height housing fixing side |
| Q | M6 | Connection thread for lubrication |
| A ₂ | 24 mm | Width housing |

Additional information

| | |
|----------|---------------------|
| T205 | Housing |
| UC205-15 | Bearing designation |

Temperature range

| | | |
|------------------|--------|----------------------------|
| T _{min} | -20 °C | Operating temperature min. |
| T _{max} | 120 °C | Operating temperature max. |