

**FAG****UCT209**

## 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
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**Main Dimensions & Performance Data**

d	45 mm	Bore diameter
H	117 mm	Height
L	144 mm	Length total
C <sub>0r</sub>	20,400 N	Basic static load rating, radial
C <sub>ur</sub>	1,060 N	Fatigue load limit, radial
C <sub>r</sub>	34,500 N	Basic dynamic load rating, radial
≈m	2.404 kg	Weight

**Mounting dimensions**

A <sub>1</sub>	16 mm	Width guidance groove
	0.2 mm	Upper width guidance groove tolerance
	0 mm	Lower width guidance groove tolerance
H <sub>1</sub>	102 mm	Distance guidance grooves
	0 mm	Upper distance guidance groove tolerance
	-0.5 mm	Lower distance guidance groove tolerance
N	29 mm	Fixing bore



### Dimensions

L <sub>1</sub>	87 mm	Distance shaft axis
L <sub>2</sub>	16 mm	Length fixed link
L <sub>3</sub>	83 mm	Length guidance groove
A	49 mm	Width housing fixing side
N <sub>1</sub>	19 mm	Width recess
N <sub>2</sub>	49 mm	Height recess
B	49.2 mm	Width inner ring
S <sub>1</sub>	30.2 mm	Distance of raceway to locking collar
T	83 mm	Height housing fixing side
Q	M6	Connection thread for lubrication
A <sub>2</sub>	35 mm	Width housing

### Additional information

T209	Housing
UC209	Bearing designation

### Temperature range

T <sub>min</sub>	-20 °C	Operating temperature min.
T <sub>max</sub>	120 °C	Operating temperature max.