

**FAG****UCT205-16** [↗](#)

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	25,4 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	0,79 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
UC205-16	Bearing designation

Temperature range

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