CTS 25 TECHNICAL DATA

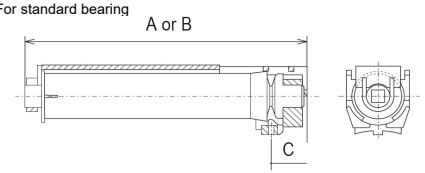
	LONG CONE	SHORT CONE
Adaptation to shaft	Hexagonal 5 mm	Hexagonal 5 mm
	Hexagonal 6 mm	Hexagonal 6 mm
	Square 5 mm	Square 5 mm
Minimum load per cord	0,150 Kg	0,150 Kg
Maximum length of cord which can be rolled	3,40 m	2,00m
Maximum revolutions	54 revolutions	30 revolutions
Maximum number of slat tilting	20.000 tilts	
Maximum load per cord	2 Kg*	
CPT 3677	Compliant on 3 meters at nominal torque - Thermal cycling Class B - Cycling Class III	
Temperature working range	-10°C to +85°C	
	Cycling restrictions : 10 600 cycles (1 cycle = 1 up/down movement of 3m height)	
	100 cycles -10°C/0°C 8000 cyles 25°C (ambiant temperature) 2000 cycles 75°C 500 cycles 85°C	

* 1Kg if used with bearing #9162139 (BEARING CTS 25 FABER)

System restriction	
Cord data	Cord round braided, 100% polyester yarns, cord braiding: 16 ends Ø 1.4 mm +/- 0.1 mm with a core inside. Cord treatment stabilized.
Ladder data	100% polyester

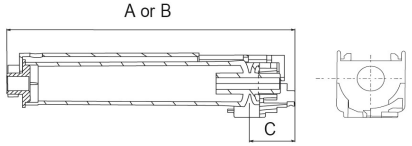
Product Data

For standard bearing



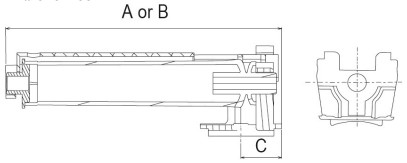
Long cone	Short cone
A : 108.33 mm	B : 71.1 mm
C : 13 mm	C : 13 mm

For # 9001556



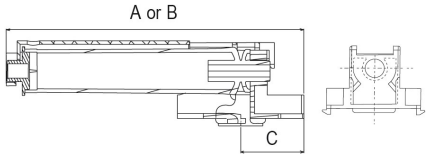
Long cone	Short cone
A : 113.2 mm	B : 76.1 mm
C : 18.3 mm	C : 18.3 mm

For # 9162135



Long cone	Short cone
A : 116.4 mm	B : 79.1 mm
C : 16.3 mm	C : 16.3 mm

For # 9162267



Long cone	Short cone
A : 121 mm	B : 83.9 mm
C : 25.6 mm	C : 25.6 mm

Variability of winding length	
Variability on one cone itself	Max : ± 2 mm, for 1 meter of winding cord 
Variabilty between two cones from different bags*	Max : ± 7 mm, for 1 meter of winding cord 

*bag : Cones are manufactured with different molds / cavities. The cones are never mixed together in the final Somfy packaging (100 units by bag) to reduce variation.
Consequently, 1 bag contains only cones manufactured from the same cavity.