

	CTA	CTA Ref :
	Zurich actuator specifications C-series	EDMS id : Edition : 1.2 Date: 10.01.2017 Page : 1/1

Zurich actuator specifications, C-series

		Note:
Dimensions	260 – 296 mm x 65 mm (L x Ø)	Without gimbal
Weight	1570 g 370 g 600 g 920 g	Actuator Fixpoint 1 dof gimbal 2 dof gimbal
Power supply	18 – 24 VDC	
	≤ 850 mA	Driving current
	≤ 50 mA	Standby current
Communication	Wireless, industry standard (IEEE 802.15.4)	
Positioning	Absolute with angular sensor and Hall sensor	
Positioning precision	<5 µm with angular sensor only	
Mechanical clearance	± 15 µm	Without gimbals
Elevation speed	0.5 mm/s	
Full stroke length	36 mm	
Moving force	> 700 N	
Non destructive limit	> 9'600 N	
Degree of protection	IP 67	
Connectors	1 connector for power supply	
Holding force	Self-locking	
Built-in memory	4096 bytes = 2048 elevation angles	Look-up table
Lightning protection	integrated suppressor diode	

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