

CAS-2608

Canard Actuation Steering Unit

The **CAS-2608** is a high performance, accurate and reliable steering system, operated by 4 separate electric brushless DC motors driving 4 wings. An encoder measures the angular position of each wing and an electronic controller determines the spin rate of the motor. Communication between CAS-2608 and host computer according to RS-485 full duplex protocol.



Features:

- Foldable wings, locked in folded position;
- Wings unfold and lock in unfolded position through a special mechanism.
- Integrated mechanical components with build in electronic controller

Applications:

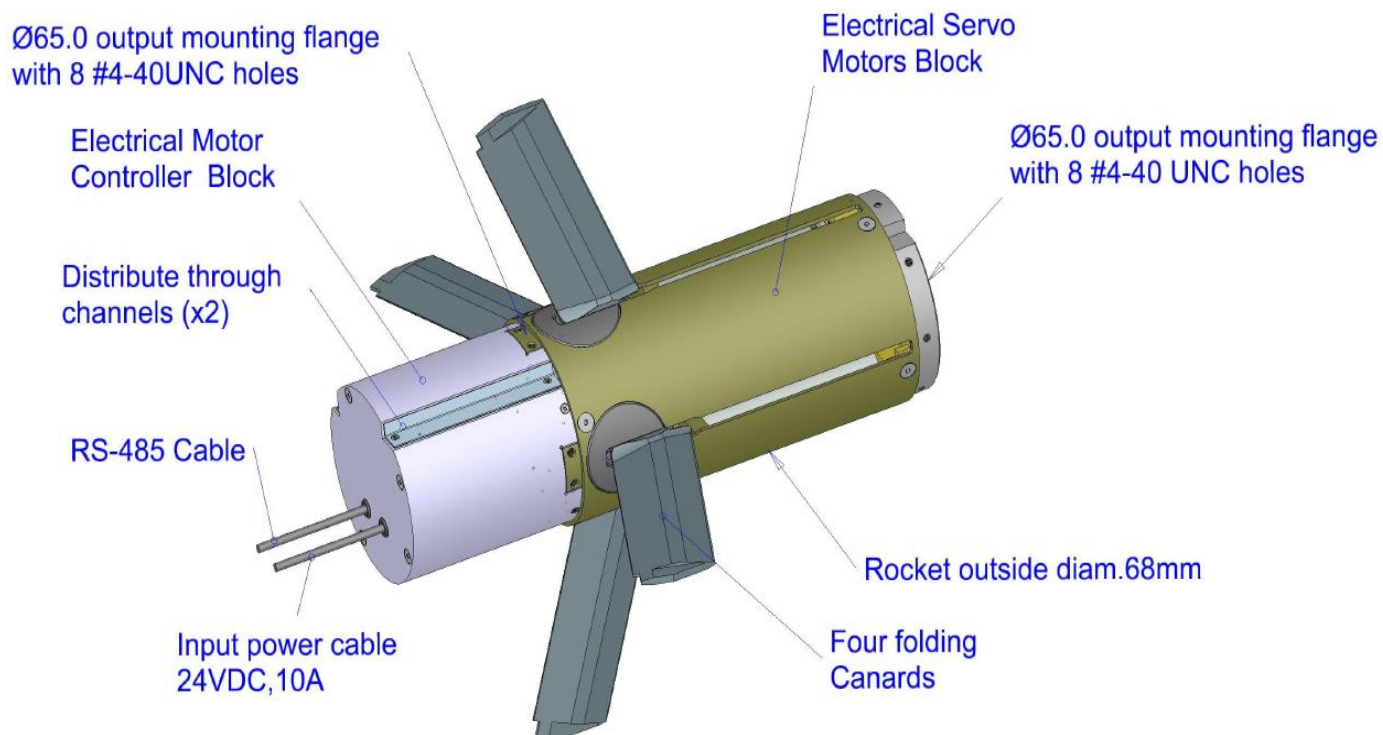
- Guided rockets system.

Specifications

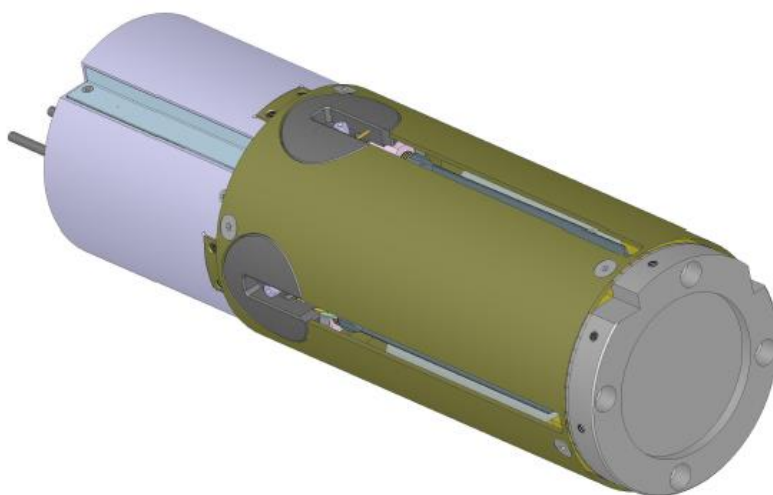
Parameters	Units	Values	Tolerances
Output diameter- in canard fordable position	mm	68	-
Driving span	deg.	±20	+2
Weight	gr.	1300	±2%
Operating voltage	VDC	24	± 2
Rated current (continues torque)	A	10	max
RS 485 full duplex communication protocol			
Stall torque on wing	Nm	2	max
Continuous torque	Nm	1	max
Nominal wing speed	deg/sec	150 to 300	-
Wing driving accuracy	deg	±0.5	-
Operating temperature	deg. C	-40 to +72	-
Storage temperature	deg. C	-10 to +55	-
Launching shock in flight direction	g	100 / 11 msec	-

CAS-2608 (continued)

Drawing

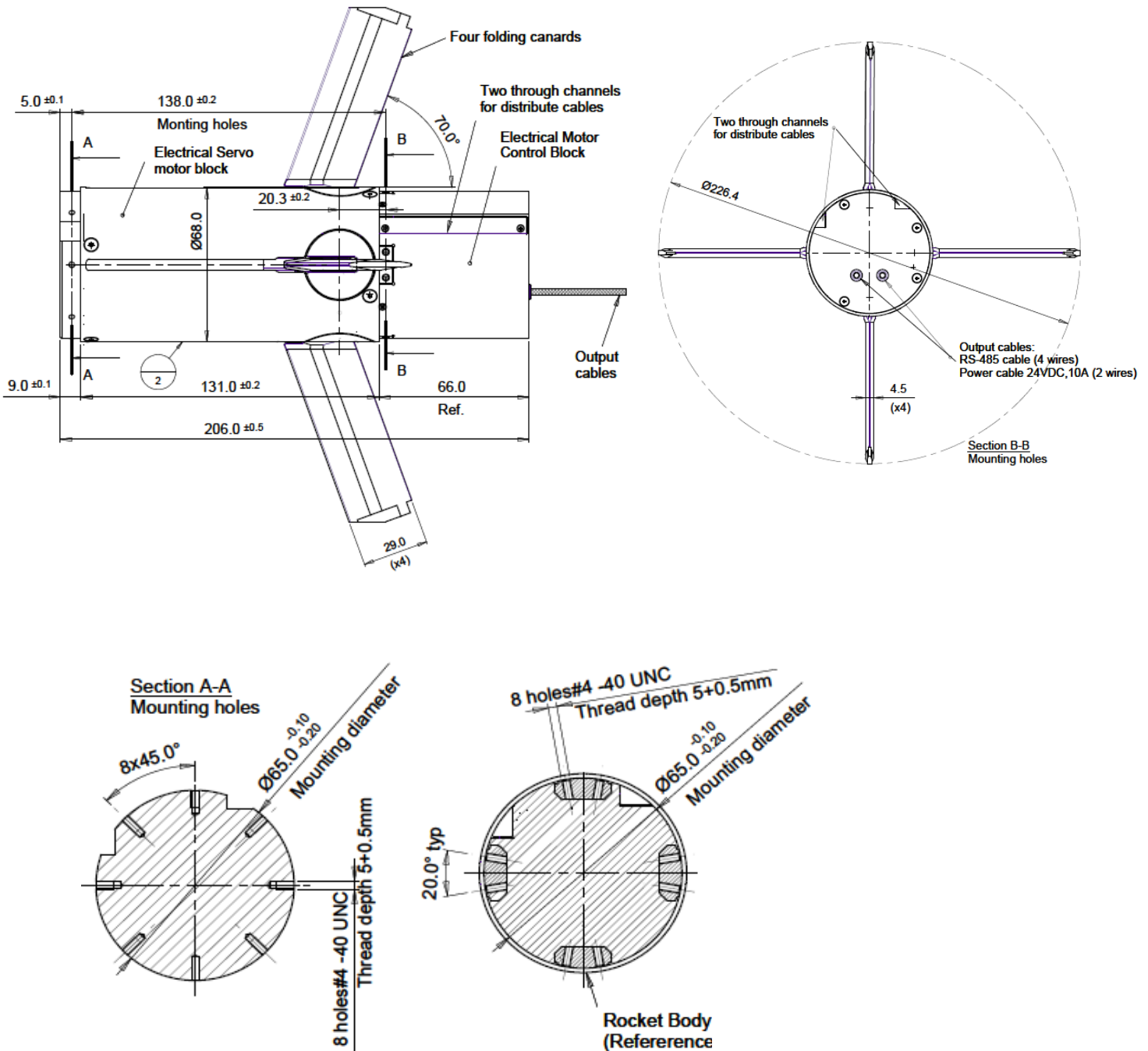


All dimensions are in mm



CAS-2608 (continued)

Drawing



For Additional Information

To learn more about the CAS-2608 Canard Actuation Steering Unit or other MTC products, contact MTC on **+972 4 998 7772** or email marketing@mtcind.com