

CSA-0508

Motor & Gear, with Clutch

The **CSA-0508** was developed to be used in airborne applications (see examples below). It consists of a 3-phase bipolar brushless DC servo motor, which is also available for sale as an independent unit, with nominal operational voltage of 48 VDC, a reduction transmission gear and a one-time pyrotechnically activated clutch. It does not include electronics.



Features:

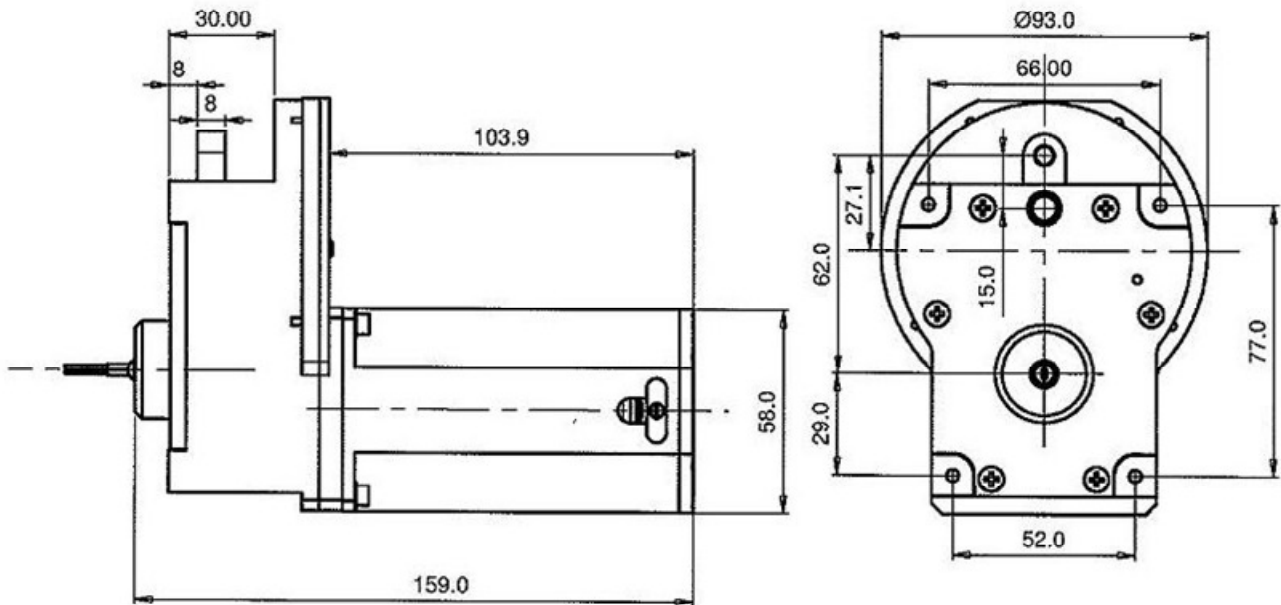
- Once activated, will move wings back and forth, for example;
- Motor available alone - see MDC-BL-58 Data Sheet.

Applications:

- Airborne platforms / Gliding or smart bombs.

Specifications

Parameters	Units	Values	Tolerances
Operating voltage	VDC	48	-
Torque nominal	Nm	100	-
Axial load on output AVM	kg	50	-
Radial load on output AVM	kg	750	-
Gear ratio	-	1 : 67.17	-
Backlash of zero torque on gear output shaft	arc min	6	-
Operating temperature	C°	-54 to +71	-
Operating speed	RPM	42	±10%
No load speed	RPM	65	±10%
Angular stroke	deg.	30	±1%
Weight	kg	2.25	-

CSA-0508 (continued)**Drawing**

All dimensions are in mm

For Additional Information

To learn more about the CSA-0508 Motor and Gear with Clutch or to discuss any required modifications, contact MTC on **+972 4 998 7772** or email **marketing@mtcind.com**