

ServoMax

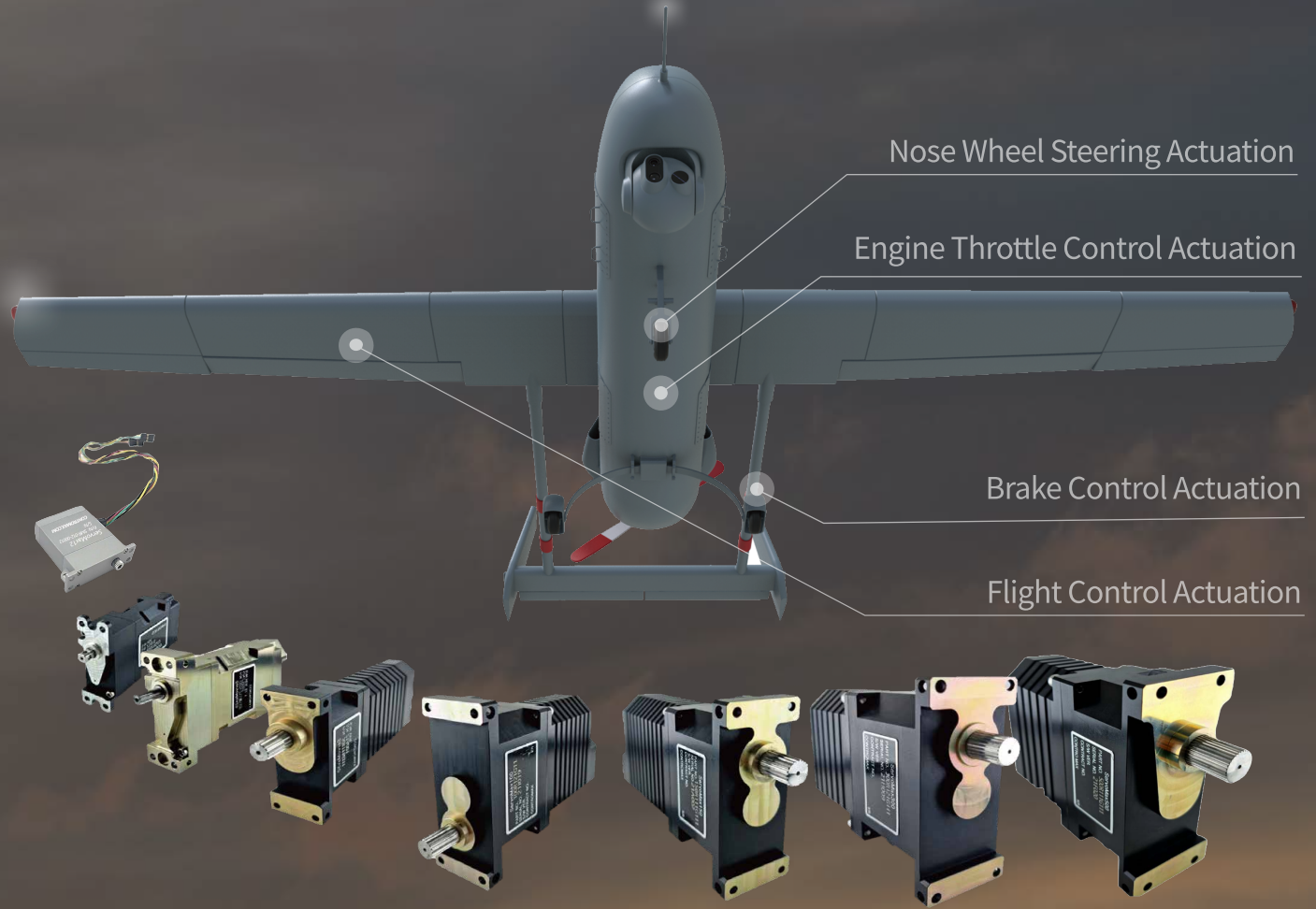


Motion Control Solutions
for
Maximum Performance & Quality

ServoMax[®]

Electromechanical Actuator

High Altitude and Long Endurance Capabilities for eVTOL Air Taxi, Cargo Drone and Unmanned Air Vehicle



특징

- 고성능 DSP 탑재한 고신뢰도의 일체형 전기식 구동장치
- 정밀기어 및 고신뢰도 모터 적용
- 비접촉식 위치센서 적용
- EMI대응 필터

제원

- 최대토크 : 15kgf·cm ~ 800kgf·cm
- 두께 : 20mm ~ 56mm
- 중량 : 140g ~ 2kg
- 제어정밀도 : 0.5° 이내
- 대역폭 : 5Hz ~ 8Hz이상
- MTBF : 최대 2,000시간
- 인터페이스 : CAN 2ch, RS-485, PWM (Circular 또는 DSub)
- MIL-STD-810G, 461F 만족

적용 분야

- 무인항공기 조종면(에일러론, 플래퍼론, 러더 엘리베이터 등)구동
- 무인항공기 조향, 브레이크, 엔진 프로펠러 벨브 구동
- 무인헬기 Swash Plate 구동

Features

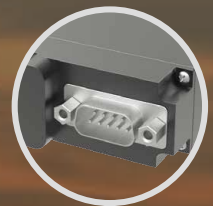
- High Performance DSP Based Integrated Electromechanical Actuator
- Hardened Steel Gear Train and Reliable Motor
- Contact-less Position Sensor
- EMI Filter

Specifications

- Maximum Torque : 15kgf·cm ~ 800kgf·cm
- Thickness : 20mm ~ 56mm
- Weight : 140g ~ 2kg
- Control Accuracy : <0.5°
- Bandwidth : >5Hz ~ 8Hz
- MTBF : Maximum 2,000hr
- Interface : CAN 2ch, RS-485, PWM(Circular or DSub)
- MIL-STD-810G, 461F Satisfied

Applications

- Flight Control Surface(Aileron, Flaperon, Rudder, Elevator) Actuation for UAV
- Steering, Braking and Engine Throttle Valve Actuation for UAV
- Swash Plate Actuation for Unmanned Helicopter



Connector (Optional)

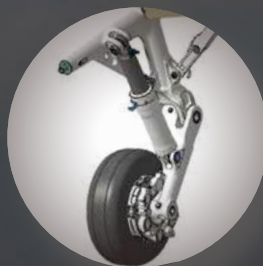
Applications



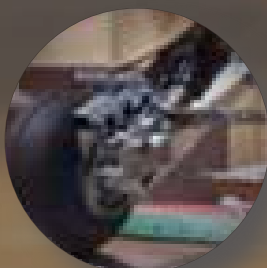
Flight Control



Wing Tilt Control



Steering Control



Brake Control



Utilities



Engine Throttle

ServoMax[®] Series: Smart Electromechanical Actuator

High Altitude and Long Endurance Capabilities for eVTOL Air Taxi, Cargo Drone & Unmanned System

Product Guide

ServoMax Series utilize PMS or BLDC motors using both neodymium and rare earth magnets. These units have been designed with embedded digital control electronics, precise spur gearing and non-contactless position sensor as feedback devices. Typical applications include small drone, UAV and UAM's eVTOL aircraft applications.



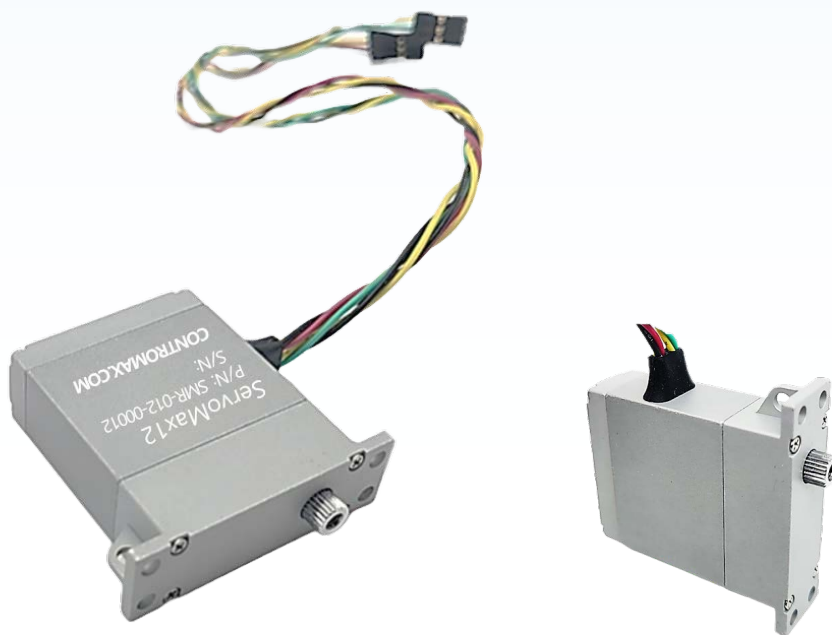
Characteristics	ServoMax12	ServoMax20	ServoMax25	ServoMax50	ServoMax100	ServoMax150	ServoMax300	ServoMax500
Rated Torque	2.6kgf·cm (0.25Nm)	10kgf·cm (0.98Nm)	30kgf·cm (2.9Nm)	50kgf·cm (4.9Nm)	81.6kgf·cm (8Nm)	132.6kgf·cm (13Nm)	255kgf·cm (25Nm)	500kgf·cm (49Nm)
Max. Operating Torque	5.2kgf·cm (0.51Nm)	14kgf·cm (1.37Nm)	50kgf·cm (4.9Nm)	80kgf·cm (7.8Nm)	130kgf·cm (12.8Nm)	204kgf·cm (20Nm)	470kgf·cm (46Nm)	800kgf·cm (78Nm)
Rated Speed	215°/sec @7.4Vdc	100°/sec @14.8Vdc	150°/sec @28Vdc	150°/sec @28Vdc	140°/sec @28Vdc	145°/sec @28Vdc	140°/sec @28Vdc	90°/sec @28Vdc
No Load Speed	430°/sec @7.4Vdc	280°/sec @14.8Vdc	240°/sec @28Vdc	200°/sec @28Vdc	170°/sec @28Vdc	170°/sec @28Vdc	170°/sec @28Vdc	120°/sec @28Vdc
Operating Voltage	4.8 ~ 8.4Vdc	12~18Vdc	18~32Vdc, 12~18Vdc (Optional)	18~32Vdc, 12~18Vdc (Optional)	18~31Vdc	18~31Vdc	18~31Vdc	22~32Vdc
Rated Current	0.7A	0.6A (Peak Current 0.8A)	0.6A (Peak Current 1.0A)	1.0A (Peak Current 1.6A)	1.48A	2.5A	5A	9.0A (Peak Current 18A)
Angular Backlash	≤0.5~0.9°	≤0.3°	≤0.3°	≤0.3°	≤0.3°	≤0.3°	≤0.3°	≤0.3°
Accuracy	≤1°	≤0.5° (Including Backlash)	≤0.5° (Including Backlash)	≤0.5° (Including Backlash)	≤0.5° (Including Backlash)	≤0.5° (Including Backlash)	≤0.5° (Including Backlash)	≤0.5° (Including Backlash)
Bandwidth	16Hz@2°	7 Hz@2° ·Sine wave	8 Hz@2° ·Sine wave	6 Hz@2° ·Sine wave	5 Hz@2° ·Sine wave	5 Hz@2° ·Sine wave	5 Hz@2° ·Sine wave	5 Hz@2° ·Sine wave
Max. Travel Angle	±170°	±170° (Mechanical Stop-Optional)	±170° (Mechanical Stop-Optional)	±170° (Mechanical Stop-Optional)	±170° (Multi turn optional)	±170° (Multi turn optional)	±170° (Multi turn optional)	±170° (Mechanical Stop-Optional)
Connector	JST Connector	D-Sub or Circular (Optional)	Circular or D-Sub (Optional)	Circular	Circular	Circular	Circular	Circular
MIL-STD-461	Selected	Satisfied	Satisfied	Satisfied	Satisfied	Satisfied	Satisfied	DO-160
MIL-STD-810	Selected	Satisfied	Satisfied	Satisfied	Satisfied	Satisfied	Satisfied	DO-160
Operating Temperature	-40°C~71°C	-40°C~71°C	-40°C~71°C	-40°C~71°C	-40°C~71°C	-40°C~71°C	-40°C~71°C	-40°C~71°C
Interface	CAN & PWM	CAN, PWM & Analog feedback (Optional)	Dual CAN, PWM & Analog feedback (Optional)	Dual CAN	CAN2.0A 2ch	CAN2.0A 2ch	CAN2.0A 2ch	Dual CAN, PWM & Analog feedback (Optional)
MTBF	-	2,000hr @ 50% Rated Torque(rms)	2,000hr @ 50% Rated Torque(rms)	2,000hr @ 50% Rated Torque(rms)	2,000hr @ 50% Rated Torque(rms)	2,000hr @ 50% Rated Torque(rms)	2,000hr @ 50% Rated Torque(rms)	5,000hr @ 50% Rated Torque(rms)
Dimension (W x H x L, m³)	40 x 12 x 40	62 x 20 x 73.5	70 x 25 x 110.3	82.5 x 30 x 110.6	93.6 x 37 x 121.9	96 x 40.2 x 133.5	117.3 x 52 x 157.5	135 x 56 x 133.7
Weight	38g	138g	286g	380g	615g	885g	1.39kg	1.87Kg

ServoMax 12

Electromechanical Actuator

Characteristics

- Processor : High Performance MCU
- Main Components : High reliability BLDC motor & Contactless position sensor
- Interface : PWM & CAN
- Rated Torque : 2.6kgf·cm (0.25Nm)@25°C
- Max. Operating Torque : 5.2kgf·cm (0.51Nm)@25°C
- Rated Speed : 215°/sec@7.4VDC
- No Load Speed : 430°/sec@7.4VDC
- Operating Voltage : 4.8~8.4VDC
- Rated Current : 0.7A
- Angular Backlash : $\leq 0.5\sim0.9^\circ$
- Control Accuracy : $\leq 1^\circ$ (Including Backlash)
- Bandwidth : 16Hz@4° Sine Wave
- Weight : 38g
- Stainless Steel Gear, Aluminum Case (with anodized)
- Max. Travel Angle : $\pm 170^\circ$ (Mechanical Stop-Optional)
- Connector : P2 for PWM, P3 for CAN
- Operating Temperature : -40°C ~ 71°C



ServoMax12 Interface

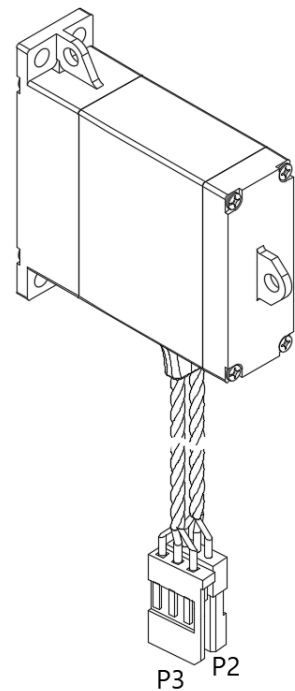
ELECTRICAL INTERFACE

P2 Connector

Pin	Function	Notes
1 (Black)	Ground	
2 (Red)	Power	4.8~8.4VDC
3 (Yellow)	PWM Input	

P3 Connector

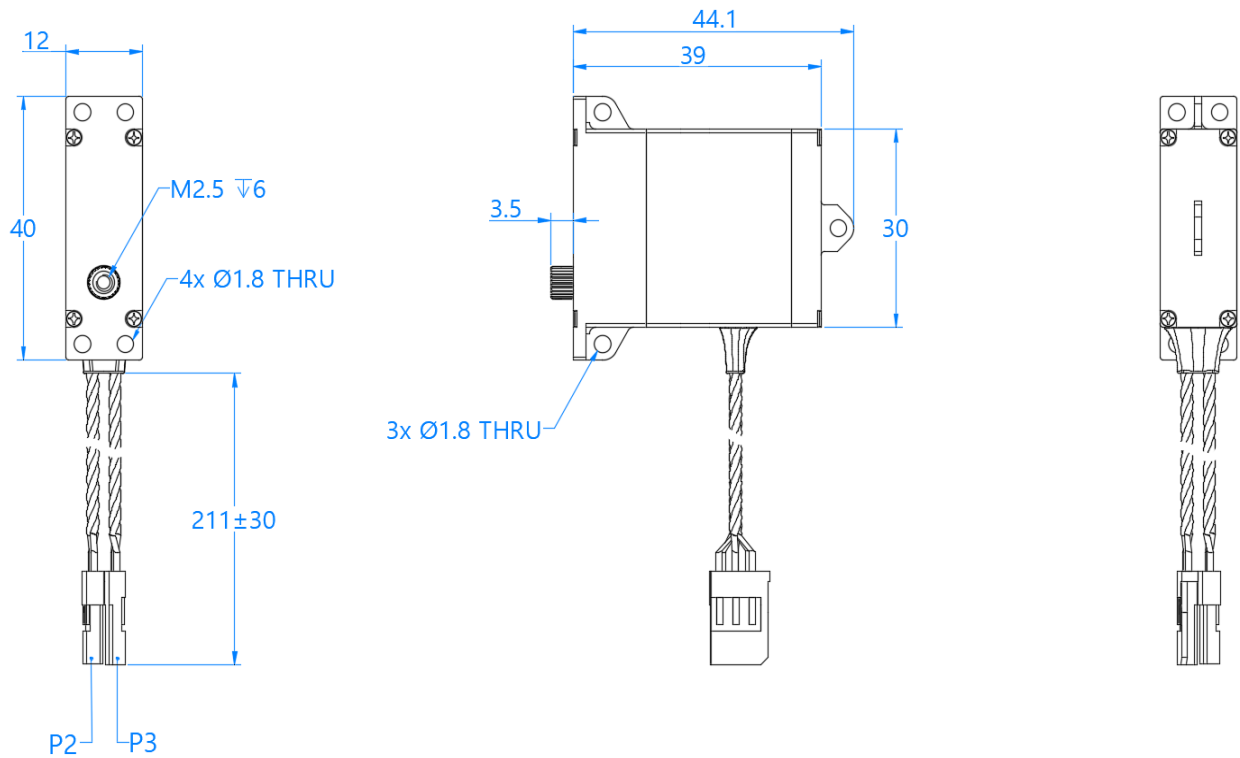
Pin	Function	Notes
1 (Yellow)	CAN_P	
2 (Green)	CAN_N	
3 (Black)	Ground	



- PWM Input Parameter : 900μs(CW:-60°)~1,500μs(0°)~2,100μs(CCW:+60°) / PWM Rate 3ms~20ms

DIMENSIONS

[mm]



ServoMax 20

Electromechanical Actuator

Characteristics

- Processor : High performance DSP
- Main Components : High reliability motor & Contactless position sensor
- Interface : PWM & Analog feedback / CAN
- Rated Torque : 10kgf·cm (0.98Nm)
- Max. Operating Torque : 14kgf·cm (1.37Nm)
- Rated Speed : 100°/sec @14.8VDC
- No Load Speed : 280°/sec @14.8VDC
- Operating Voltage : 12~18VDC
- Rated Current : 0.6A (Peak Current 0.8A)
- Angular Backlash : $\leq 0.3^\circ$
- Control Accuracy : $\leq 0.5^\circ$ (Including Backlash)
- Bandwidth : 7 Hz @ 2° · Sine wave
- Weight : 138g
- Stainless Steel Gear, Aluminum Case (with anodized)
- Max. Travel Angle : $\pm 170^\circ$ (Mechanical Stop-Optional)
- Connector : D-Sub / Circular (Optional)
- Operating Temperature : $-40^\circ\text{C} \sim 71^\circ\text{C}$
- MIL-STD-810 / MIL-STD-461 Satisfied
- EMI Filter

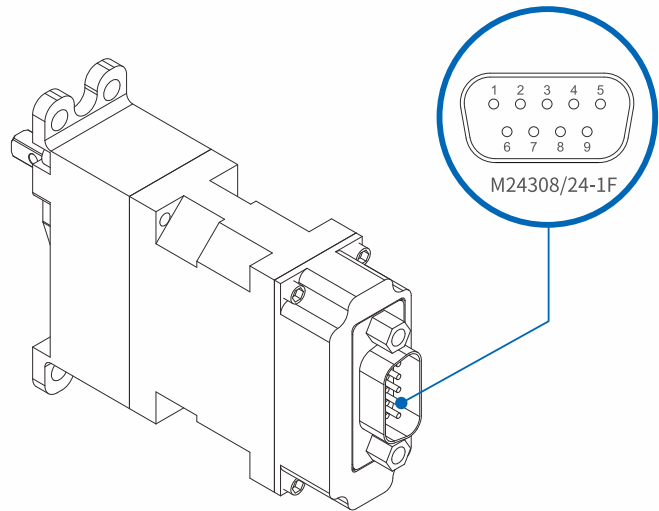


(Customized Version)

ServoMax20 Interface

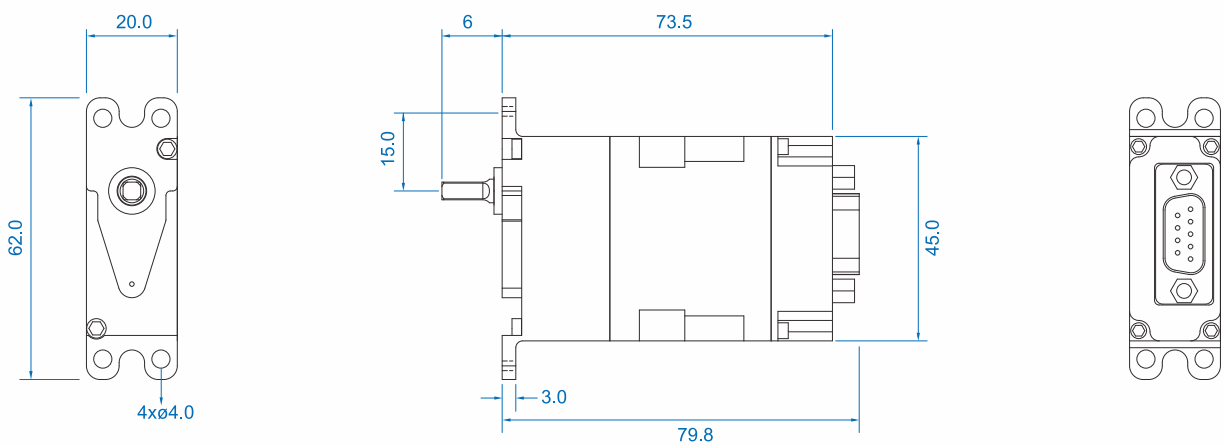
ELECTRICAL INTERFACE

Pin#	Function	Notes
1	28VDC+/12VDC+(Optional)	
2	ANALOG feedback Return	
3	Analog feedback	5V
4	CAN_N	
5	CAN_P	
6	28VDC/12VDC ground	
7	Case ground	
8	PWM input Return	diff
9	PWM input	diff

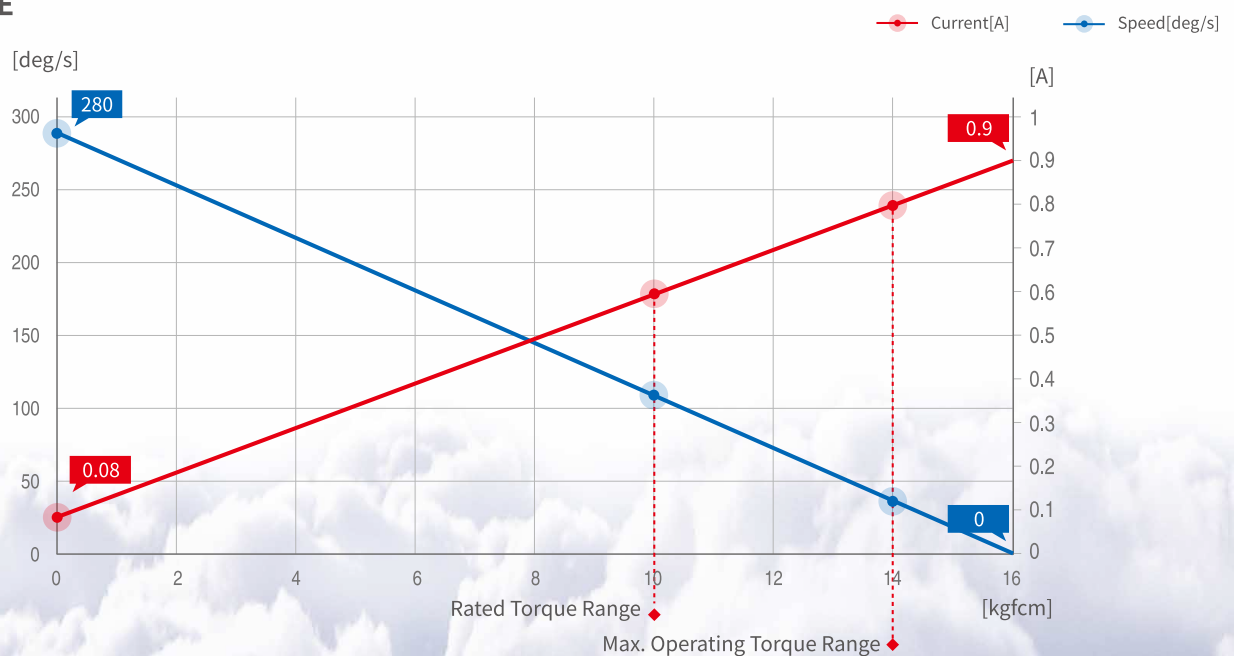


- M24308/24-1F : D-Sub Connector, Standard, 9Pos, Plug, Mating Con : 205555-2, 205161-1
- PWM input parameter : TTL level / 1,000μs(CW:-50°)~1,500μs(0°)~2,000μs(CCW:+50°) / Frame rate 3ms~
- Position feedback : Analog, Differential 0~5VDC

DIMENSIONS



NTI CURVE

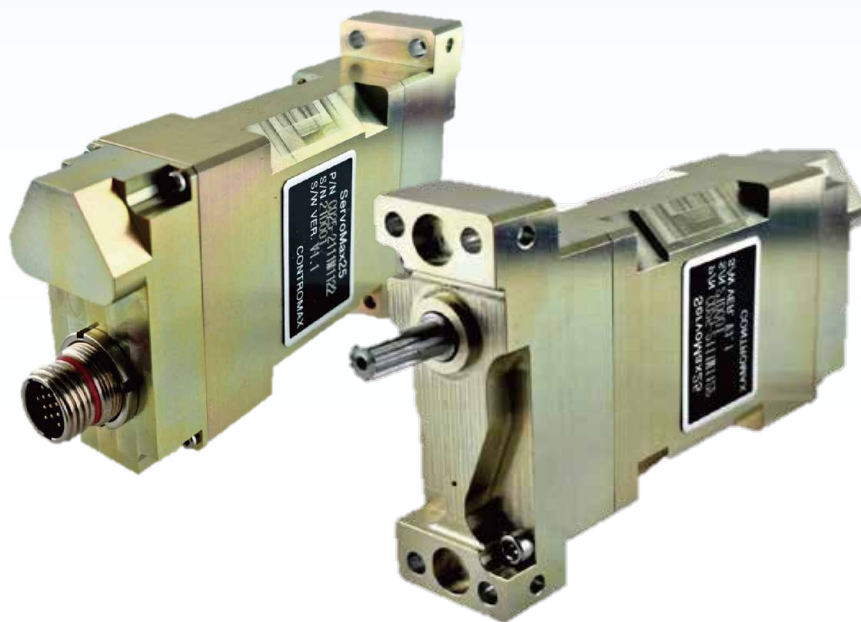


ServoMax 25

Electromechanical Actuator

Characteristics

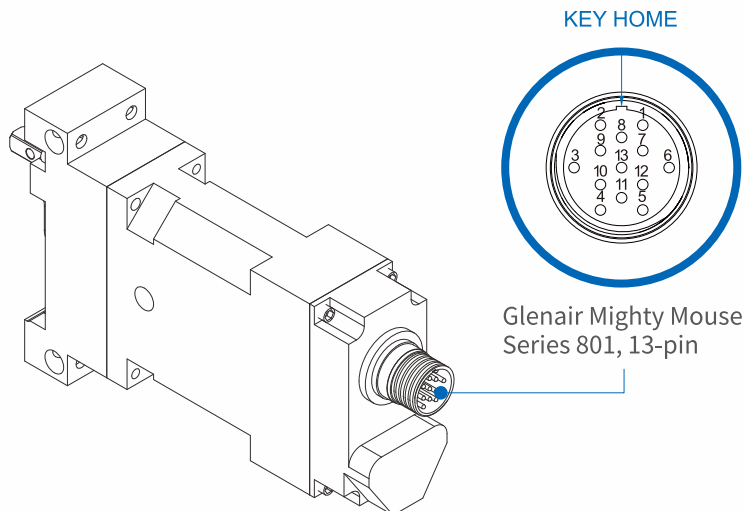
- Processor : High performance DSP
- Main Components : High reliability motor & Contactless position sensor
- Interface : Dual CAN / PWM & Analog feedback (Optional)
- Rated Torque : 30kgf·cm (2.9Nm)
- Max. Operating Torque : 50kgf·cm (4.9Nm)
- Rated Speed : 150°/sec @28VDC
- No Load Speed : 240°/sec @28VDC
- Operating Voltage : 18~32VDC / 12~18VDC (Optional)
- Rated Current : 0.6A (Peak Current 1.0A)
- Angular Backlash : $\leq 0.3^\circ$
- Control Accuracy : $\leq 0.5^\circ$ (Including Backlash)
- Bandwidth : 8 Hz @ 2° Sine wave
- Weight : 286g
- Stainless Steel Gear, Aluminum Case (with anodized)
- Max. Travel Angle : $\pm 170^\circ$ (Mechanical Stop-Optional)
- Connector : Circular or D-Sub (Optional)
- Operating Temperature : $-40^\circ\text{C} \sim 71^\circ\text{C}$
- MIL-STD-810 / MIL-STD-461 Satisfied
- MTBF : 2,000hr @ 50% Rated Torque(rms)
- EMI Filter
- Jitter Minimizing Algorithm Applied



ServoMax25 Interface

ELECTRICAL INTERFACE

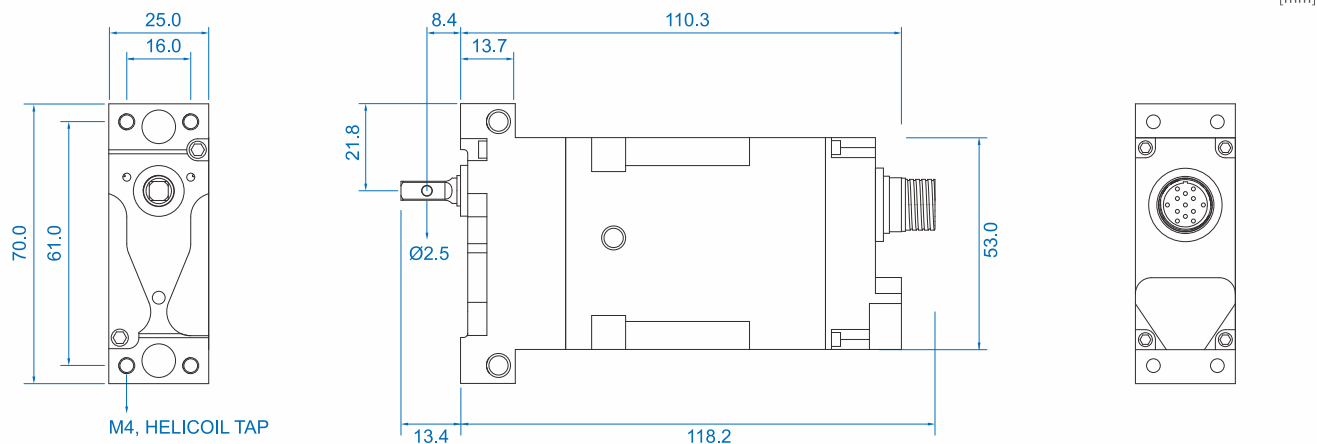
Pin#	Function	Notes
1	ID0 (CAN ID)	+5V
2	CAN CH_A_H	
3	POWER28VDC+	
4	POWER GND	GND
5	ID3 (CAN ID)	+5V
6	ID RETRUN	GND
7	ID1 (CAN ID)	+5V
8	CAN CH_B_H	
9	CAN CH_A_L	
10	POWER28VDC+	
11	POWER GND	GND
12	ID2 (CAN ID)	+5V
13	CAN CH_B_L	



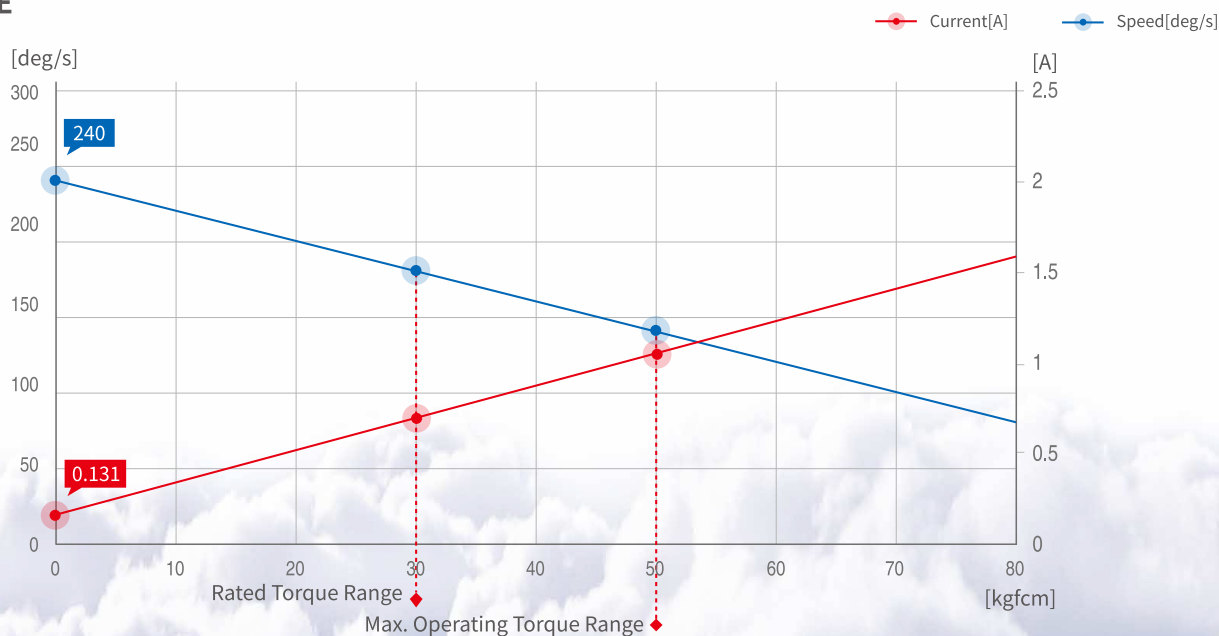
Glenair Mighty Mouse Series 801, 13-pin

- 801-011-07M8-13PA : Glenair Circular Connector, Jam Nut
- Dual CAN (CAN2.0A, Customizable or CANAerospace v.1.7 to be supported)
- Mating Connector : 801-007-16M8-13SA (example)

DIMENSIONS



NTI CURVE



ServoMax 50

Electromechanical Actuator

Characteristics

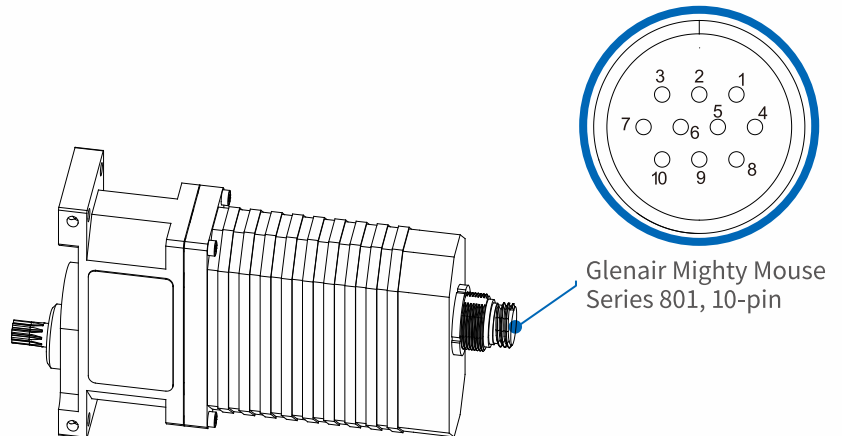
- Processor : High performance DSP
- Main Components : High reliability motor & Contactless position sensor
- Interface : Dual CAN / PWM & Analog feedback (Optional)
- Rated Torque : 50kgf·cm (4.9Nm)
- Max. Operating Torque : 80kgf·cm (7.8Nm)
- Rated Speed : 150°/sec @28VDC
- No Load Speed : 200°/sec @28VDC
- Operating Voltage : 18~32VDC / 12~18VDC (Optional)
- Rated Current : 1.0A (Peak Current 1.6A)
- Angular Backlash : $\leq 0.3^\circ$
- Control Accuracy : $\leq 0.5^\circ$ (Including Backlash)
- Bandwidth : 6 Hz @ 2° · Sine wave
- Weight : 380g
- Stainless Steel Gear, Aluminum Case (with anodized)
- Max. Travel Angle : $\pm 170^\circ$ (Mechanical Stop-Optional)
- Connector : Circular or D-Sub (Optional)
- Operating Temperature : $-40^\circ\text{C} \sim 71^\circ\text{C}$
- MIL-STD-810 / MIL-STD-461 Satisfied
- MTBF : 2,000hr @ 50% Rated Torque(rms)
- EMI Filter
- Jitter Minimizing Algorithm Applied



ServoMax50 Interface

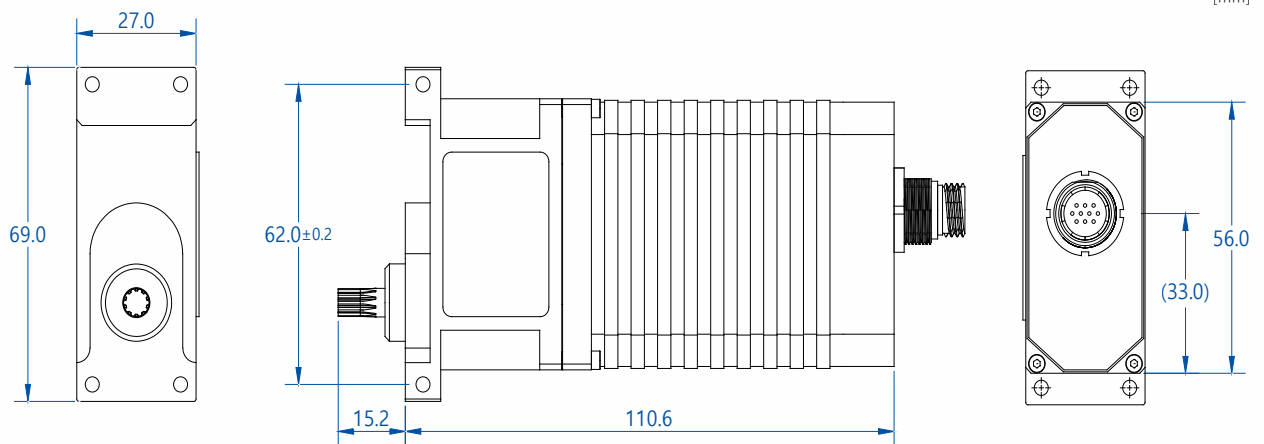
ELECTRICAL INTERFACE

Pin#	Function	Notes
1	CAN CH_B_H	
2	EARTH	
3	CAN CH_A_L	
4	CAN CH_B_L	
5	FAULT_STATUS	
6	EARTH	
7	CAN CH_A_H	
8	SIGNAL GND	GND
9	POWER 28VDC+	
10	POWER GND	GND

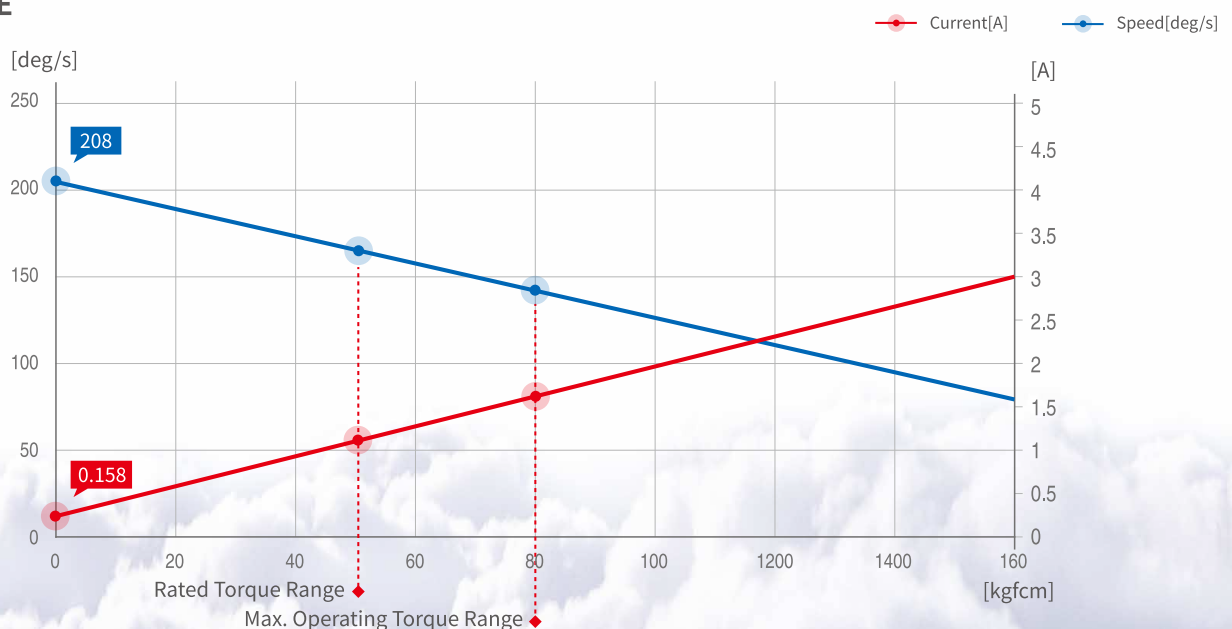


- 801-011-07M7-10PA : Glenair Circular Connector
- Dual CAN (CAN2.0A, Customizable or CANAerospace v.1.7 to be supported)
- Mating Connector : 801-007-16M7-10SA (example)

DIMENSIONS



NTI CURVE

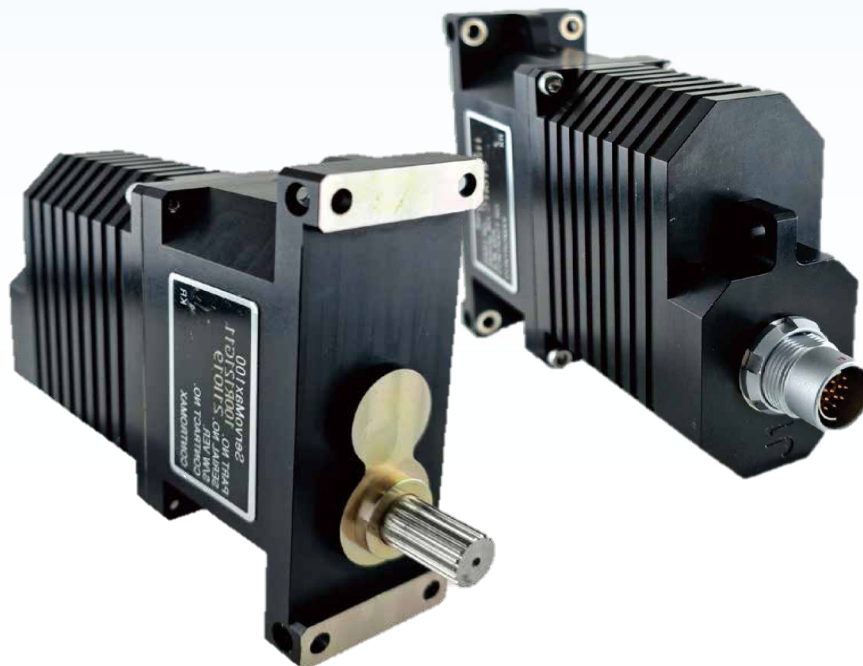


ServoMax 100

Electromechanical Actuator

Characteristics

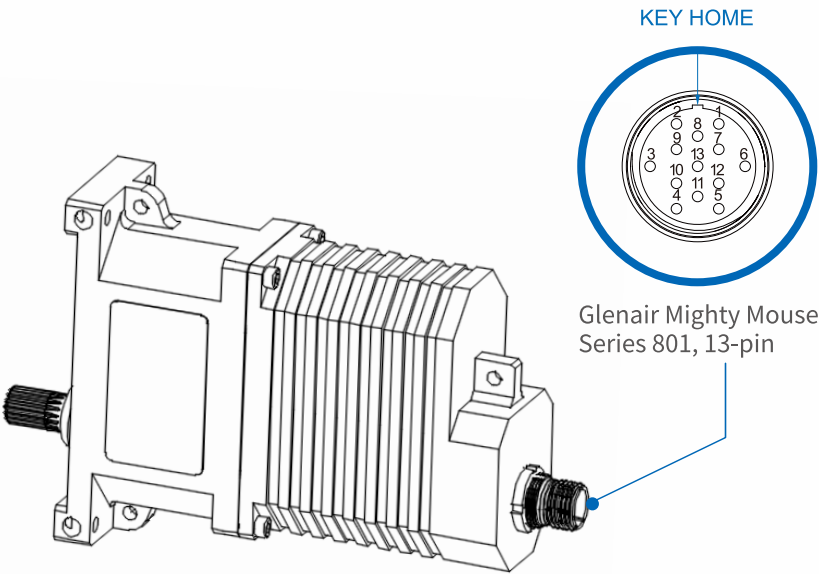
- Processor : High performance DSP
- Main Components : High reliability motor & Contactless position sensor
- Interface : CAN2.0A 2ch.
- Rated Torque : 81.6 kgf·cm (8Nm)
- Max. Operating Torque : 130 kgf·cm (12.8 Nm)
- Rated Speed : 140°/sec @28VDC
- No Load Speed : 170°/sec @28VDC
- Operating Voltage : 18~31VDC
- Rated Current : 1.48A
- Control Accuracy : $\leq 0.5^\circ$
- Bandwidth : 5Hz @ 2° Sine wave
- Weight : 615 g
- Stainless Steel Gear, Aluminum Case (with anodized)
- Max. Travel Angle : $\pm 170^\circ$ (Multi turn optional)
- Connector : Circular
- Operating Temperature : -40°C ~ 71°C
- MIL-STD-810G / MIL-STD-461 **Satisfied**
- MTBF : 2,000hr @ 50% Rated Torque(rms)
- EMI Filter
- Jitter Minimizing Algorithm Applied



ServoMax 100 Interface

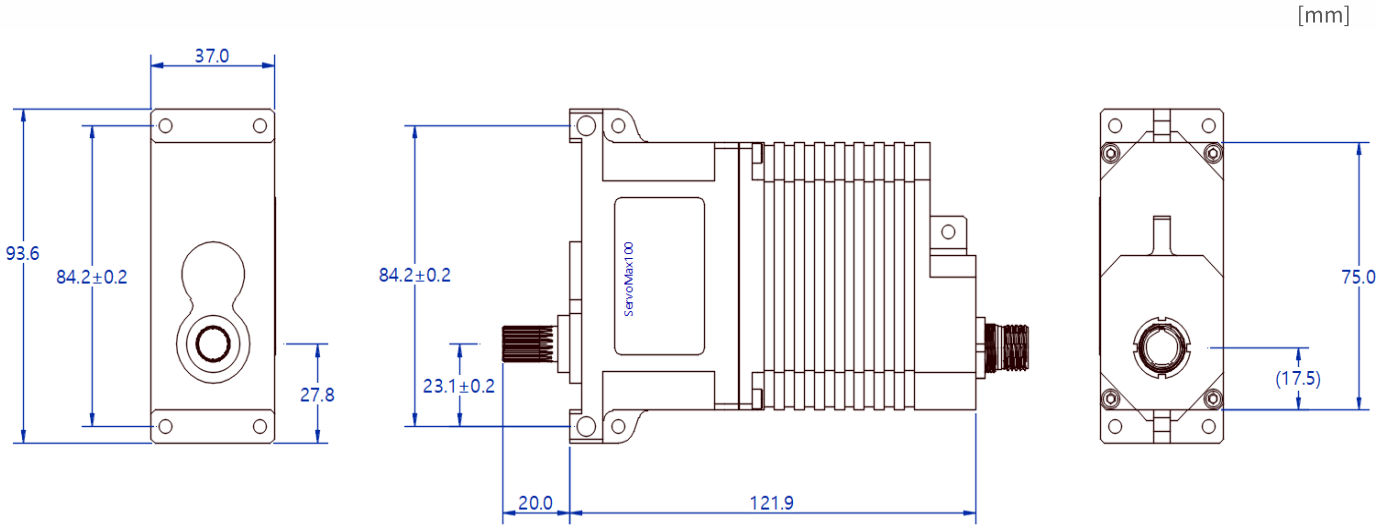
ELECTRICAL INTERFACE

Pin#	Function	Notes
1	N/C	-
2	CAN A_H	-
3	28/14Vdc, PWR	-
4	28/14Vdc, RET	-
5	N/C	-
6	N/C	-
7	N/C	-
8	CAN B_H	-
9	CAN A_L	-
10	28/14Vdc, PWR	-
11	28/14Vdc, RET	-
12	Chassis	-
13	CAN B_L	-



- Receptacle : Glenair 801-011-07M8-13PA
- Mating(Plug) Connector : Glenair 801-007-16M8-13SA or Cinch MD801-007-16M8-13SA

DIMENSIONS



※ Some specifications may be changed at the request of the customer.

ServoMax 150

Electromechanical Actuator

Characteristics

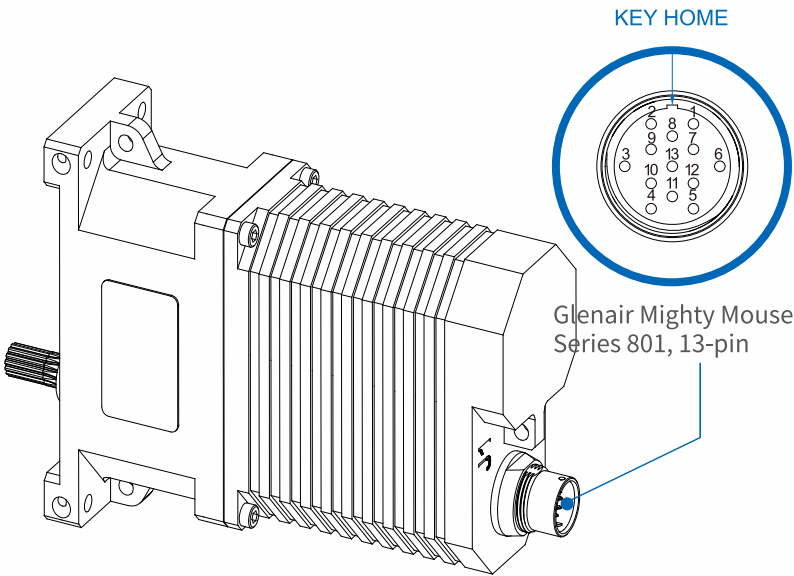
- Processor : High performance DSP
- Main Components : High reliability motor & Contactless position sensor
- Interface : CAN2.0A 2ch.
- Rated Torque : 132.6kgf·cm (13Nm)
- Max. Operating Torque : 204kgf·cm (20Nm)
- Rated Speed : 145°/sec @28VDC
- No Load Speed : 170°/sec @28VDC
- Operating Voltage : 18~31VDC
- Rated Current : 2.5A
- Control Accuracy : $\leq 0.5^\circ$
- Bandwidth : 5Hz @ 2° Sine wave
- Weight : 885g
- Stainless Steel Gear, Aluminum Case (with anodized)
- Max. Travel Angle : $\pm 170^\circ$ (Multi turn optional)
- Connector : Circular
- Operating Temperature : $-40^\circ\text{C} \sim 71^\circ\text{C}$
- MIL-STD-810G / MIL-STD-461 Satisfied
- MTBF : 2,000hr @ 50% Rated Torque(rms)
- EMI Filter
- Jitter Minimizing Algorithm Applied



ServoMax 150 Interface

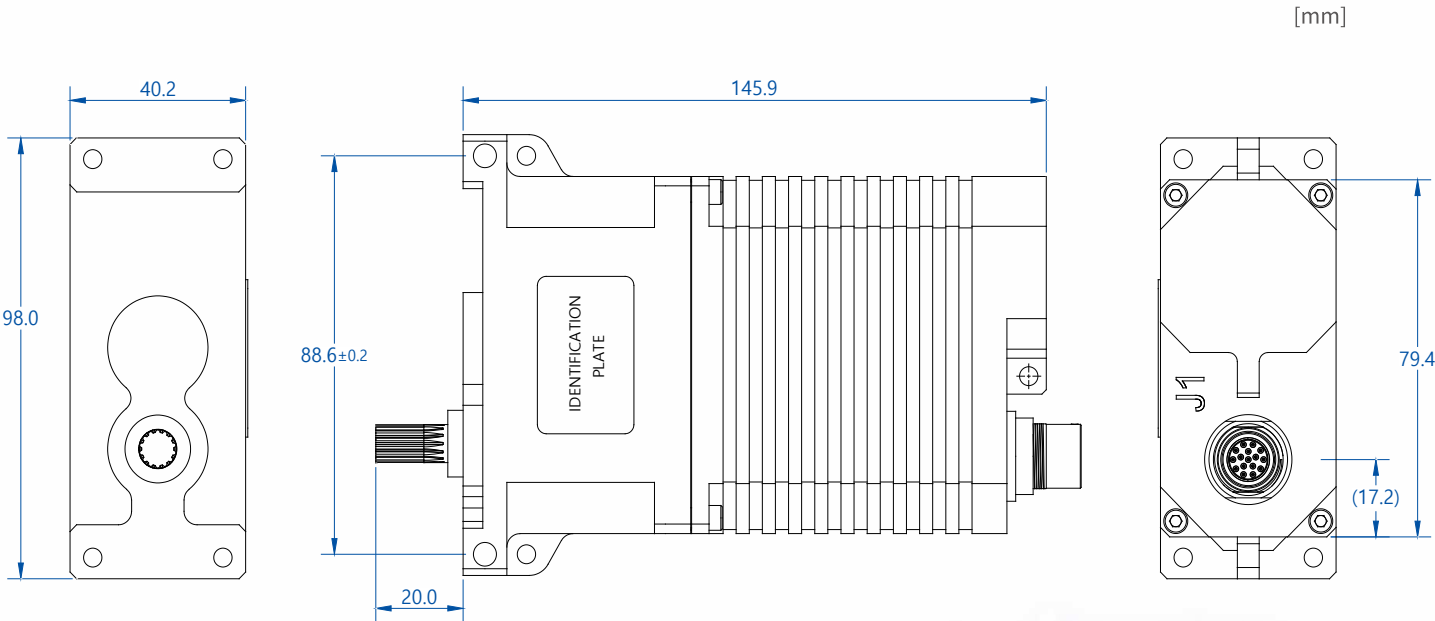
ELECTRICAL INTERFACE

Pin#	Function	Notes
1	N/C	-
2	CAN A_H	-
3	28/14Vdc, PWR	-
4	28/14Vdc, RET	-
5	N/C	-
6	N/C	-
7	N/C	-
8	CAN B_H	-
9	CAN A_L	-
10	28/14Vdc, PWR	-
11	28/14Vdc, RET	-
12	Chassis	-
13	CAN B_L	-



- Receptacle : Glenair 801-011-07M8-13PA
- Mating(Plug) Connector : Glenair 801-007-16M8-13SA or Cinch MD801-007-16M8-13SA

DIMENSIONS



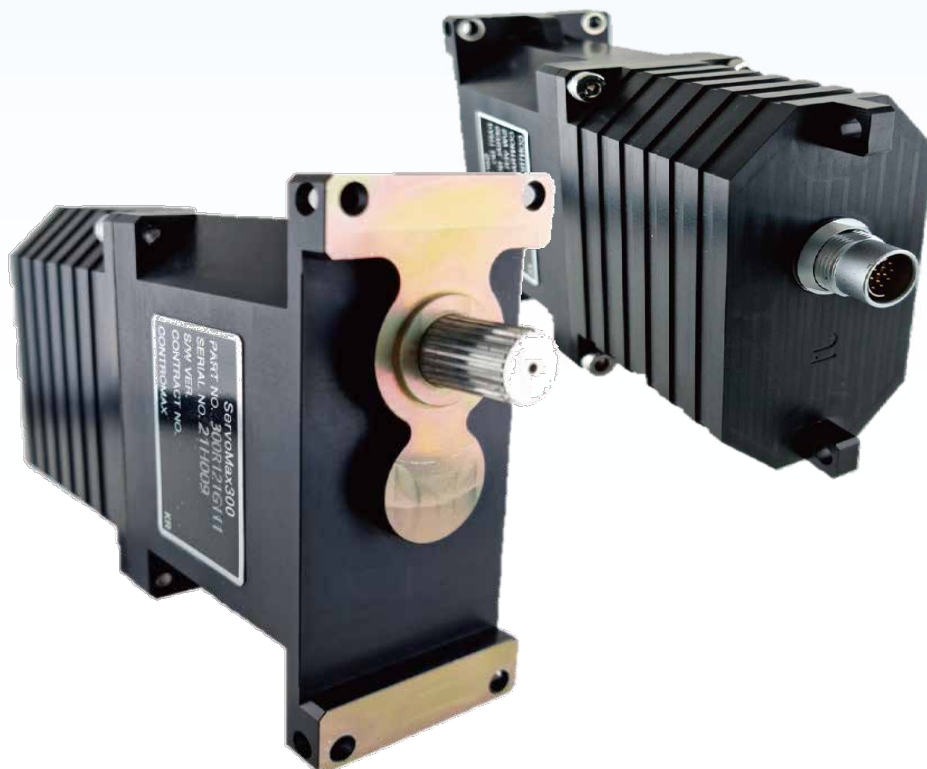
※ Some specifications may be changed at the request of the customer.

ServoMax 300

Electromechanical Actuator

Characteristics

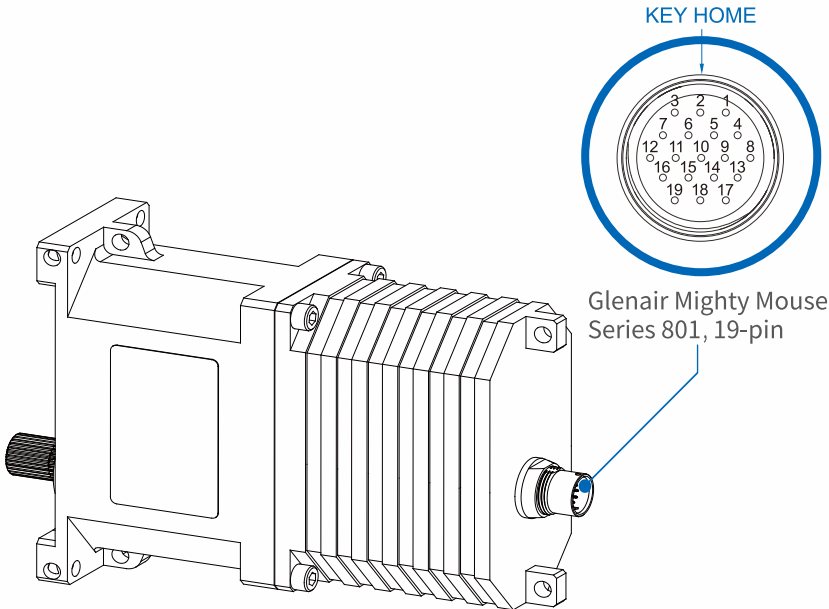
- Processor : High performance DSP
- Main Components : High reliability motor & Contactless position sensor
- Interface : CAN2.0A 2ch.
- Rated Torque : 255 kgf·cm (25Nm)
- Max. Operating Torque : 470 kgf·cm (46 Nm)
- Rated Speed : 140 °/sec @28VDC
- No Load Speed : 170°/sec @28VDC
- Operating Voltage : 18~31VDC
- Rated Current : 5A
- Control Accuracy : $\leq 0.5^\circ$
- Bandwidth : 5Hz @ 2° Sine wave
- Weight : 1.39 kg
- Stainless Steel Gear, Aluminum Case (with anodized)
- Max. Travel Angle : $\pm 170^\circ$ (Multi turn optional)
- Connector : Circular
- Operating Temperature : $-40^\circ\text{C} \sim 71^\circ\text{C}$
- MIL-STD-810G / MIL-STD-461 Satisfied
- MTBF : 2,000hr @ 50% Rated Torque(rms)
- EMI Filter
- Jitter Minimizing Algorithm Applied



ServoMax 300 Interface

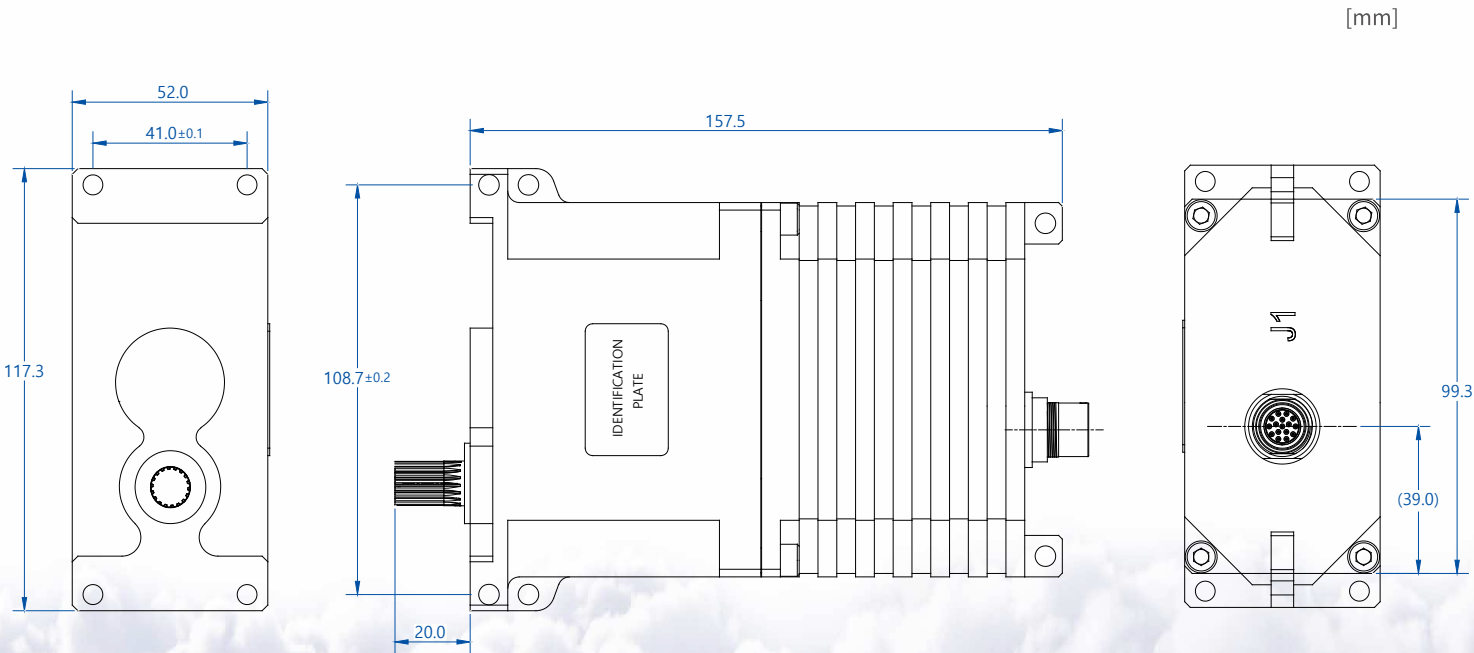
ELECTRICAL INTERFACE

Pin#	Function	Notes
1	+28VDC	28VDC Power Input
2	Earth	Chassis GND
3	-28VDC	28VDC Power Return
4~5	+28VDC	28VDC Power Input
6~7	-28VDC	28VDC Power Return
8	N/C	-
9	+28VDC	28VDC Power Input
10	N/C	-
11	-28VDC	28VDC Power Return
12	N/C	-
13	CAN B_L	CAN Communication
14~15	N/C	-
16	CAN A_H	CAN Communication
17	CAN B_H	CAN Communication
18	N/C	-
19	CAN A_L	CAN Communication



- 801-011-07M9-19PA : Glenair Circular Connector, Jam Nut
- Dual CAN (CAN2.0A, Customizable or CANAerospace v.1.7 to be supported)
- Mating Connector : 801-007-16M9-19SA

DIMENSIONS



※ Some specifications may be changed at the request of the customer.

ServoMax 500

Electromechanical Actuator

Characteristics

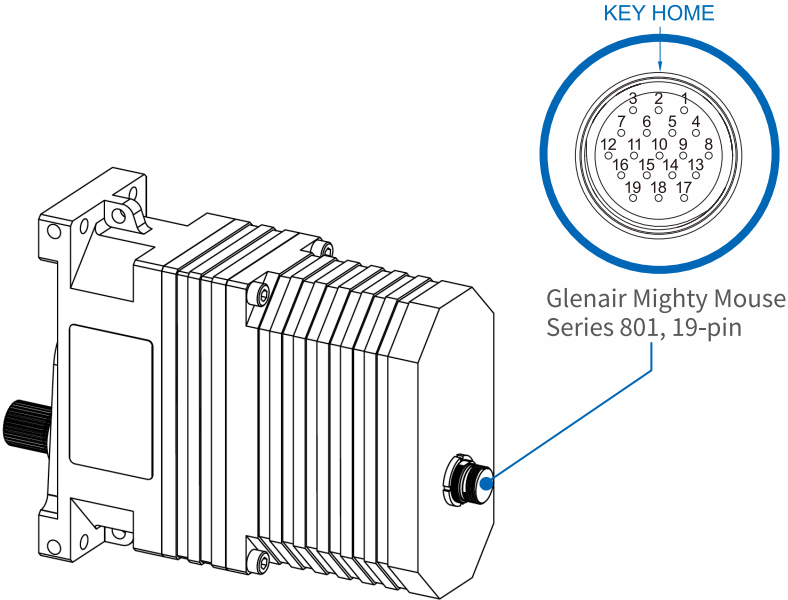
- Processor : High performance DSP
- Main Components : High reliability motor,
Precision gear train & Robust Controller
- Interface : CAN2.0 2ch.
- Rated Torque : 500kgf·cm (49Nm)
- Max. Operating Torque : 800kgf·cm (78Nm)
- Rated Speed : 90°/sec @28VDC
- No Load Speed : 120°/sec @28VDC
- Operating Voltage : 22~32VDC
- Rated Current : 9.0A (Peak Current 18A)
- Angular Backlash : < 0.3°
- Control Accuracy : < 0.5° (Including Backlash)
- Bandwidth : 5Hz @ 2° Sine wave
- Weight : 1.87 kg
- Stainless Steel Gear, Aluminum Case (with anodized)
- Max. Travel Angle : $\pm 170^\circ$ (Mechanical Stop-Optional)
- Connector : Circular
- Operating Temperature : -40°C ~ 71°C
- Environmental/EMI Conditions : DO-160 satisfied
- MTBF : 5,000hr @ 50% Rated Torque(rms)
- EMI Filter
- Jitter Minimizing Algorithm Applied



ServoMax500 Interface

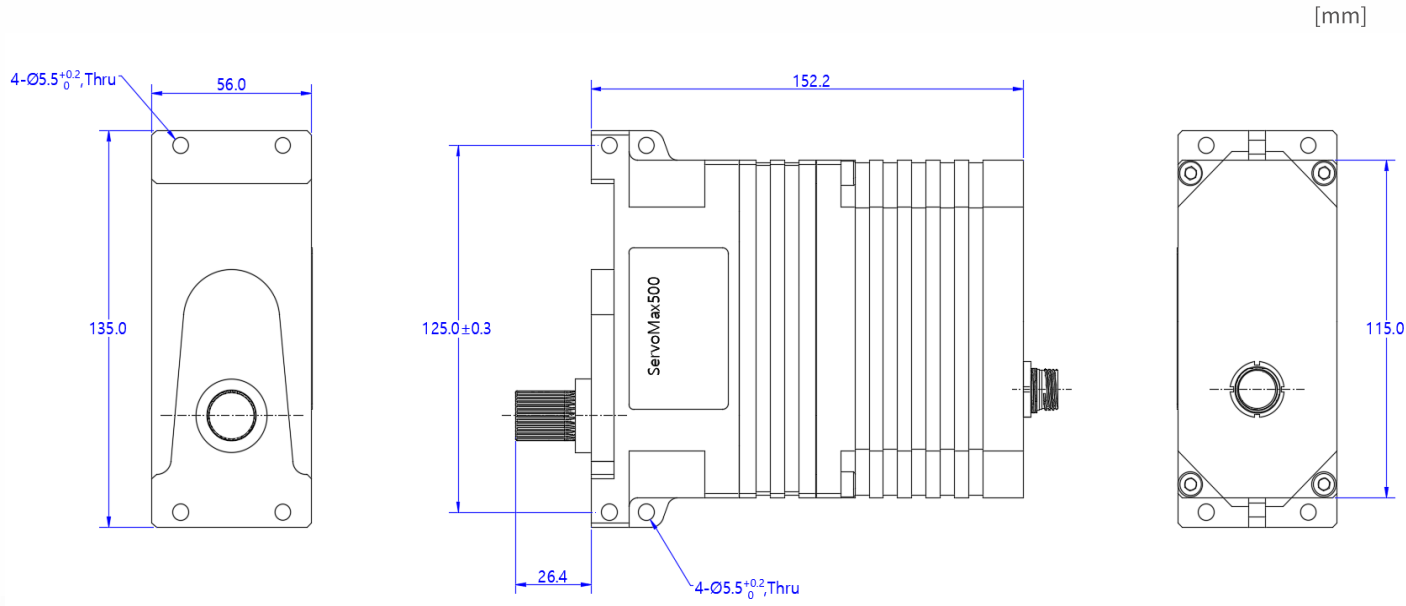
ELECTRICAL INTERFACE

Pin#	Function	Notes
1	+28VDC	28VDC Power Input
2	Earth	Chassis GND
3	-28VDC	28VDC Power Return
4~5	+28VDC	28VDC Power Input
6~7	-28VDC	28VDC Power Return
8	N/C	-
9	+28VDC	28VDC Power Input
10	N/C	-
11	-28VDC	28VDC Power Return
12	N/C	-
13	CAN B_L	CAN Communication
14~15	N/C	-
16	CAN A_H	CAN Communication
17	CAN B_H	CAN Communication
18	N/C	-
19	CAN A_L	CAN Communication



- 801-011-07M9-19PA : Glenair Circular Connector, Jam Nut
- Dual CAN (CAN2.0A, Customizable or CANAerospace v.1.7 to be supported)
- Mating Connector : 801-007-16M9-19SA

DIMENSIONS



ServoMax 500 Multi-turn

Electromechanical Actuator

Characteristics

- Processor : High performance DSP
- Main Components : High reliability motor & Multi-turn position sensor mechanism
- Interface : CAN2.0 2ch.
- Rated Torque : 500kgf·cm (49Nm)
- Max. Operating Torque : 800kgf·cm (78Nm)
- Rated Speed : 90°/sec @28VDC
- No Load Speed : 120°/sec @28VDC
- Operating Voltage : 22~32VDC
- Rated Current : 9.0A (Peak Current 18A)
- Angular Backlash : < 0.3°
- Control Accuracy : < 0.5° (Including Backlash)
- Bandwidth : 5Hz @ 2° Sine wave
- Weight : 1.87 kg
- Stainless Steel Gear, Aluminum Case (with anodized)
- Max. Travel Angle : $\pm 1,800^{\circ}$ (± 5 turns)
- Connector : Circular
- Operating Temperature : -40°C ~ 71°C
- Environmental/EMI Conditions : DO-160 satisfied
- MTBF : 5,000hr @ 50% Rated Torque(rms)
- EMI Filter
- Jitter Minimizing Algorithm Applied

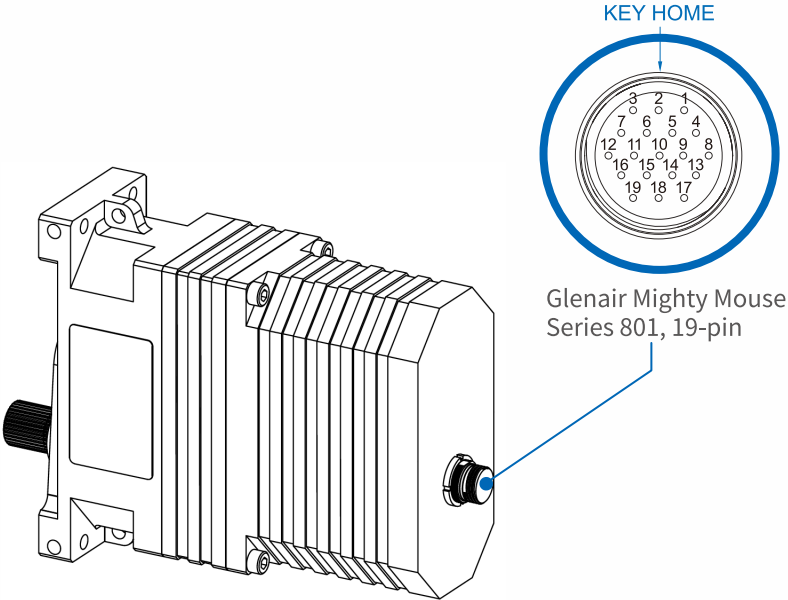


※ Output shaft may be changed at the request of the customer.

ServoMax500 Multi-turn Interface

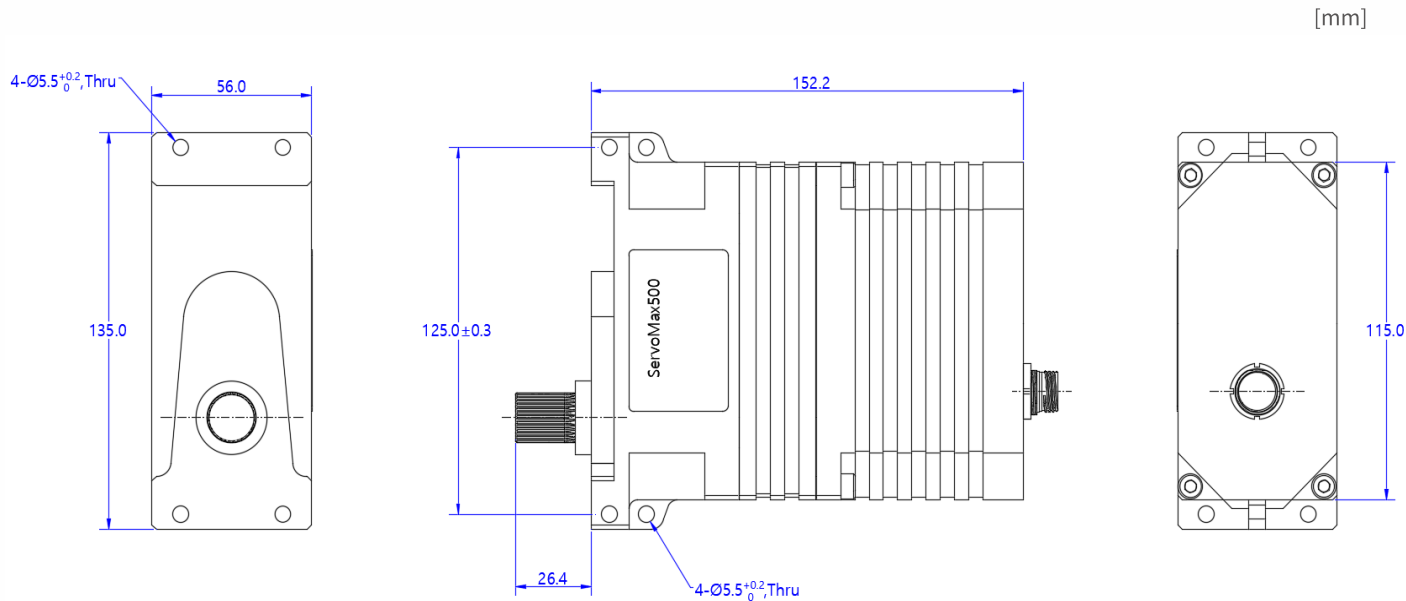
ELECTRICAL INTERFACE

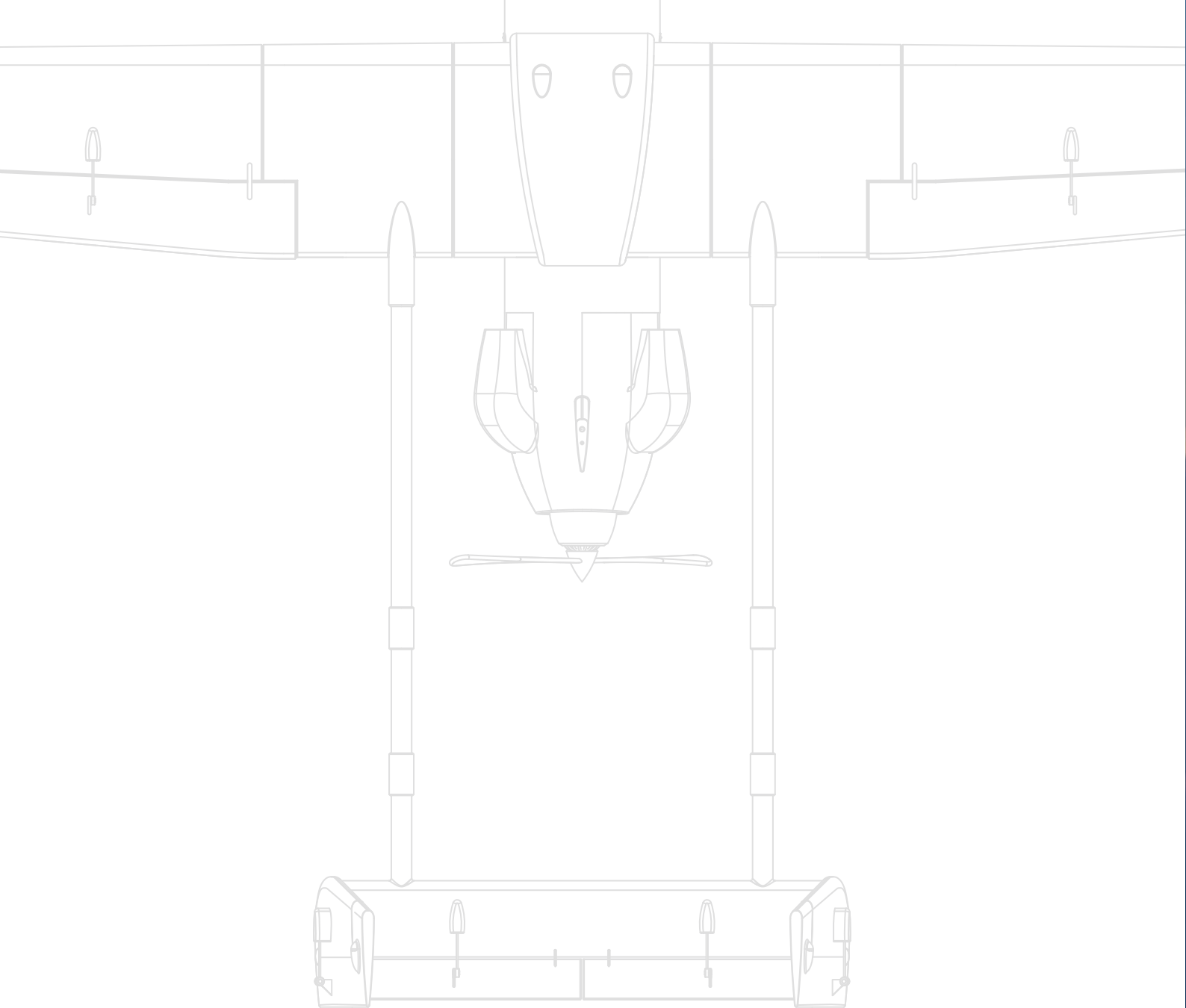
Pin#	Function	Notes
1	+28VDC	28VDC Power Input
2	Earth	Chassis GND
3	-28VDC	28VDC Power Return
4~5	+28VDC	28VDC Power Input
6~7	-28VDC	28VDC Power Return
8	N/C	-
9	+28VDC	28VDC Power Input
10	N/C	-
11	-28VDC	28VDC Power Return
12	N/C	-
13	CAN B_L	CAN Communication
14~15	N/C	-
16	CAN A_H	CAN Communication
17	CAN B_H	CAN Communication
18	N/C	-
19	CAN A_L	CAN Communication



- 801-011-07M9-19PA : Glenair Circular Connector, Jam Nut
- Dual CAN (CAN2.0A, Customizable or CANAerospace v.1.7 to be supported)
- Mating Connector : 801-007-16M9-19SA

DIMENSIONS





(주)컨트로맥스
CONTROMAX CO.,LTD.

www.contromax.com

본사

주소: (34087) 대전광역시 유성구 은구비남로7번길 48-37
전화: 042-822-0630 / 팩스: 042-822-0631
E-mail: (대표메일)servo@contromax.com

Main Office

Address: 48-37 Eungubinam-ro 7beon-gil, Yuseong-gu, Daejeon, 34087, Republic of Korea
Phone: +82-42-822-0630 (O), Fax: +82-42-822-0631 (F)
E-mail: servo@contromax.com

공장

주소: 경상남도 창원시 의창대로18번길 22, 경남테크노파크 시험생산동 101호

Changwon Factory

#101 Test facility, 22, Changwon-daero 18beon-gil, Uichang-gu, Changwon-si, Gyeongsangnam-do, Republic of Korea