

Specifications

Processor	High Performance DSP	Weight	≤ 1.9 kg
Motor	Permanent Magnet Synchronous	Gears	Stainless Steel
Position Sensor	Contactless	Housing	Aluminum, Anodized
Databus	Dual CAN 2.0A/B	Max. Travel Range	±170°
Rated Torque	≥ 400 kgf·cm	Connector	Aerospace grade Circular Connector
Max. Torque	≥ 800 kgf·cm, Limited Time	Operating Temperature	-40 ~ 71°C
Rated Speed	≥ 90 °/s @28VDC	Environmental Qualifications	RTCA/DO-160 Selected Items
No Load Speed	≥ 110 °/s @28VDC	Electromagnetic Compliance	RTCA/DO-160 Selected Items
Operating Voltage	18 ~ 32VDC	Operating Hours	≥ 2,000 Hr
Angular Backlash	≤ 0.3°	-	-
Position Accuracy	≤ 0.5°	-	-
Bandwidth	≥ 5 Hz @2° Sine Wave	-	-

* Refer to ICD and User's Manual at <https://contromax.gitbook.io/contromax-product-manual>

Appearance & Connectors



Receptacle GLENAIR, 801-011-07M9-19PA
(Mating Plug GLENAIR, 801-036-16(26)M9-19SA)

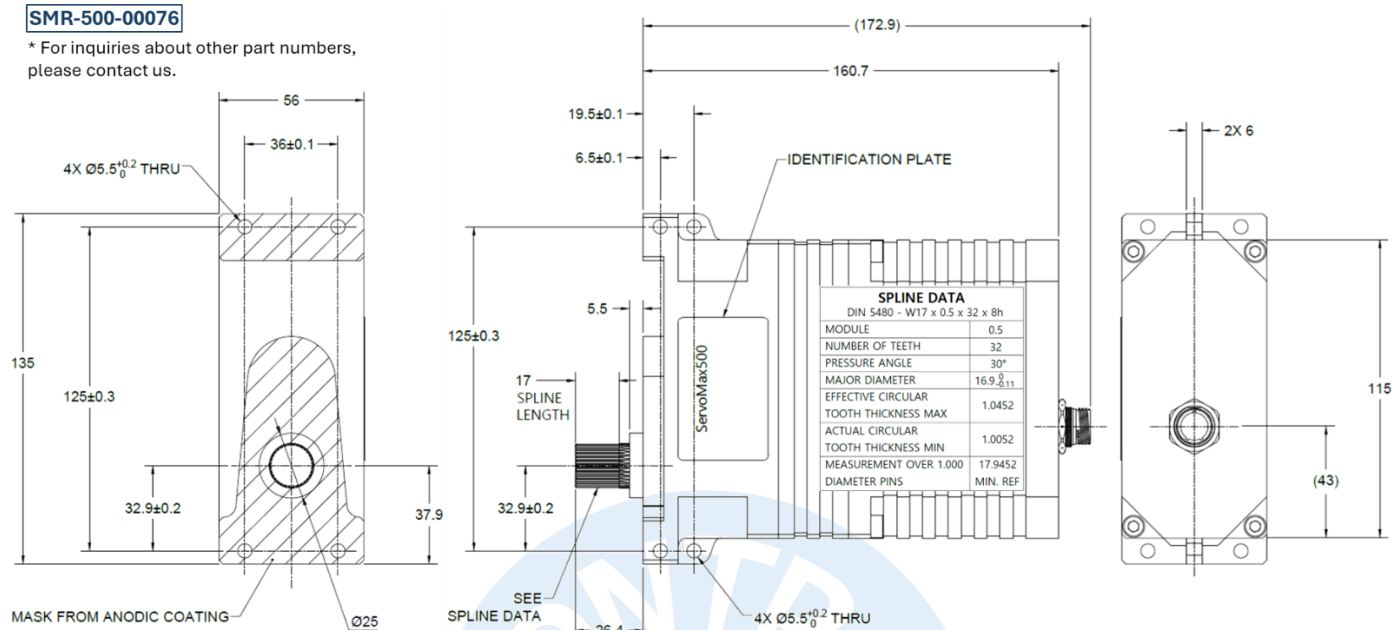
Pin #	Function	AWG	Max. Current	Wiring
			[A]	
1	PWR_IN	22	3	-
2	CHASSIS	22	-	-
3	PWR_RET	22	3	-
4	PWR_IN	22	3	-
5	PWR_IN	22	3	-
6	PWR_RET	22	3	-
7	PWR_RET	22	3	-
8	-	-	-	-
9	PWR_IN	22	3	-
10	-	-	-	-
11	PWR_RET	22	3	-
12	-	-	-	-
13	CAN_B_L	22~24	-	Twisted Pair, Shield
14	-	-	-	-
15	-	-	-	-
16	CAN_A_H	22~24	-	Twisted Pair, Shield
17	CAN_B_H	22~24	-	Twisted Pair, Shield
18	-	-	-	-
19	CAN_A_L	22~24	-	Twisted Pair, Shield

Dimension Electrical Interface

PART NUMBER

SMR-500-00076

* For inquiries about other part numbers, please contact us.



NTI Chart

