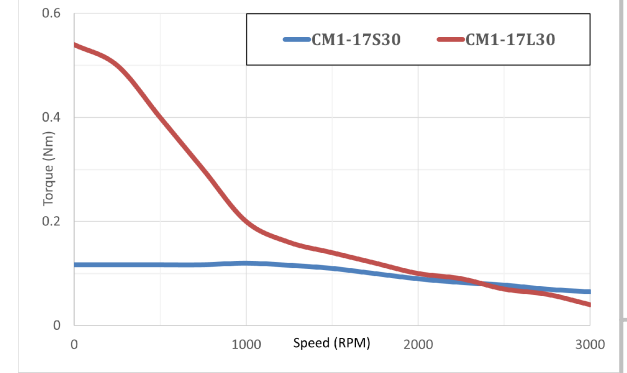
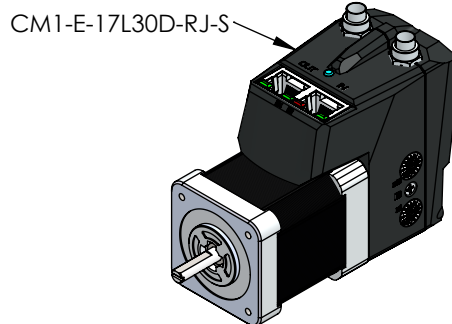
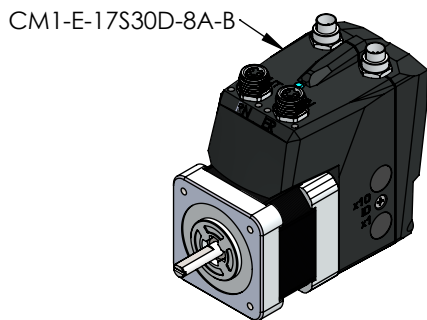
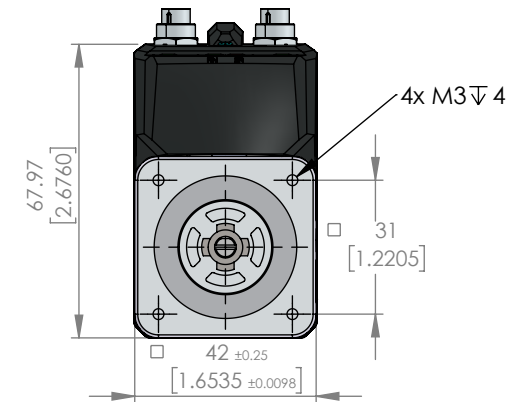
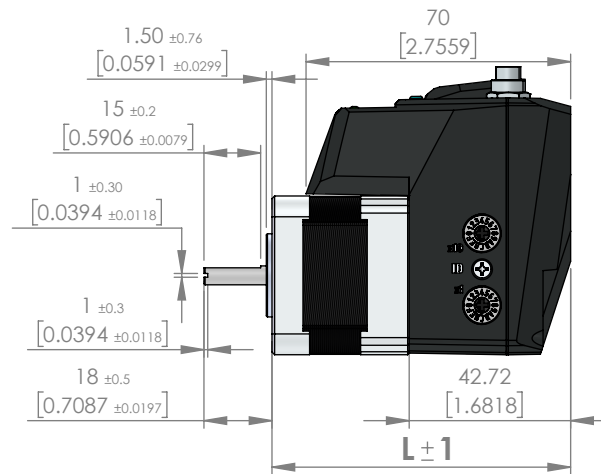
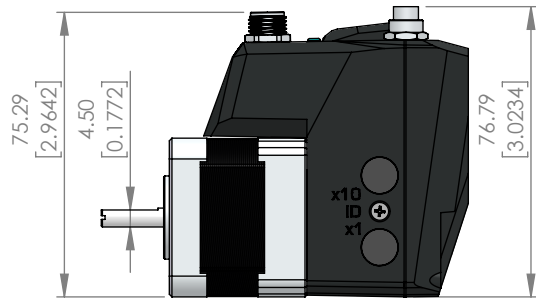
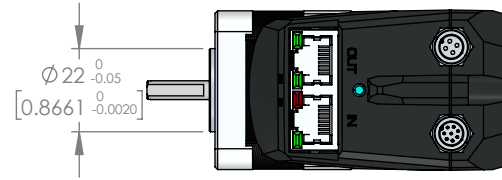
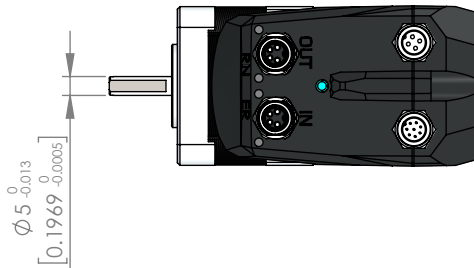


CM1-E-17L30D-RJ-S

Interface E EtherCAT	Size 17	Length Short Long	Max Speed 30 3000rpm	H/W Rev. D	Connector RJ RJ45 8A M8A	Rotary Dip S Included B Blank
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MODEL	L	Mass (kg)
CM1-E-17L30D-□-□□	94	0.56
CM1-E-17S30D-□-□□	79	0.4



For more information about using the CM1-E [CLICK HERE](#)

Unless otherwise specified,
tolerance to be: CNS 4018
If 14 Linear measures
0.5-3 ±0.1
3-6 ±0.1
6-30 ±0.2
30-120 ±0.3
120-315 ±0.5

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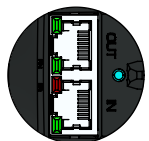
	NAME	DATE	DO NOT SCALE DRAWING	UNITS: mm [inch]
DRAWN	M. Dank	Apr 8,'26	TITLE: CM1-E NEMA17 EtherCAT Servos	
CHECKED	M.McCann	Apr 9,'26		
ENG APPR.	M.McCann	Apr 9,'26		
SIZE	PRT. NO.		REV	
A	CM1-E-17□30D-□□-□		0.0	
SCALE 1:2			SHEET 1 OF 2	

4

3

2

1

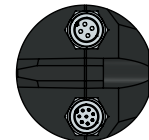


RJ

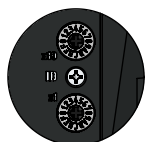
Ethernet Connectors



M8A



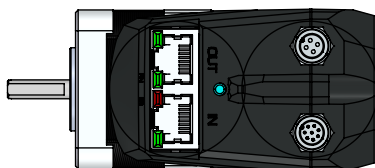
M9 Power & I/O



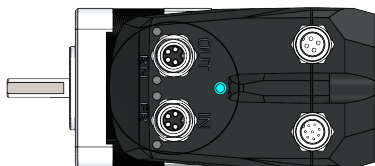
With Rotary Dip Switch



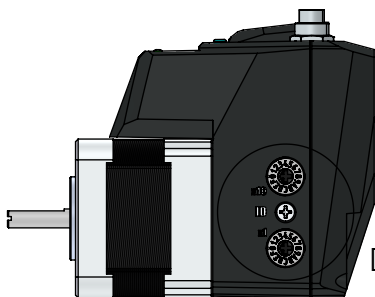
Without Rotary Dip Switch



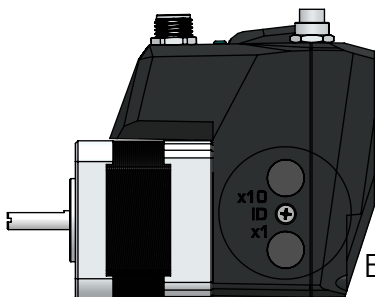
A



B



D



E

C

D

C

B

A

Pin #	Name	Motor Function	Specification			
Digital Inputs - Sourcing (supply 0V to trigger)			Parameter	Min	Max	Unit
1 - Orange 2 - Brown 3 - Green 4 - Yellow	IN 1 IN 2 IN 3 IN 4	Digital Input 1 Digital Input 2 Digital Input 3 Digital Input 4	Voltage Range	0	36	V
			Input ON Level	0	1.4	V
			Input Off Level	1.4	36	V
			Continuous Current	-	30	mA
			Peak Current	-	0.5	A
Analog Input (0-5V)			Parameter	Min	Max	Unit
5 - Purple	A - IN 5	Analog Input 4	Voltage Range	0	5	V
			Resolution	10 bit		
Digital Outputs - Sinking (output supplies 0V when Asserted)			Parameter	Min	Max	Unit
6 - Blue 7 - Black	Out 1 Out 2	Output 1 Output 2	Voltage Range	0	-	V
			Continuous Current	-	1	A
			Inductive Load Peak Rev Current	-	0.2	A
Signal Ground (0V)			Parameter	Min	Max	Unit
8 - Red	0V	0V	Voltage Range	0	0	V

Part Number	Input Voltage	Peak Torque	Peak Current	Peak Speed
CM1-E-17S30D-□□-□	24V ± 10%	0.117 Nm (11.61 oz.in)	1.0A	3000 rpm
CM1-E-17L30D-□□-□		0.54 Nm (76.4 oz.in)	1.8A	

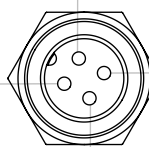
CE requires cables longer than 30 meters to have surge protection

Binder
Mating Cable: CM1M9-4F-4000
4 - Motor Drive Power [24V ± 10%]

Binder
Mating Cable: CM1M9-8F-4000

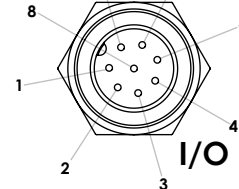
1 - Interface + Motor Control Power [24V ± 10%]

3 - GND



2 - GND

POWER

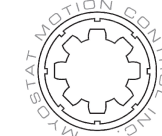


I/O

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IT 14 Linear measures
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ENG APPR.	M.McCann	Apr 9,'26		



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SIZE	PRT. NO.	REV
A	CM1-E-17□30D-□□-□	0.0

SCALE 1:2

SHEET 2 OF 2

4

3

2

1