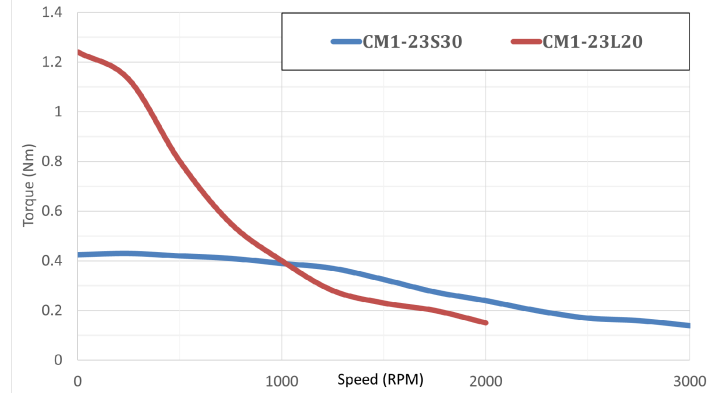
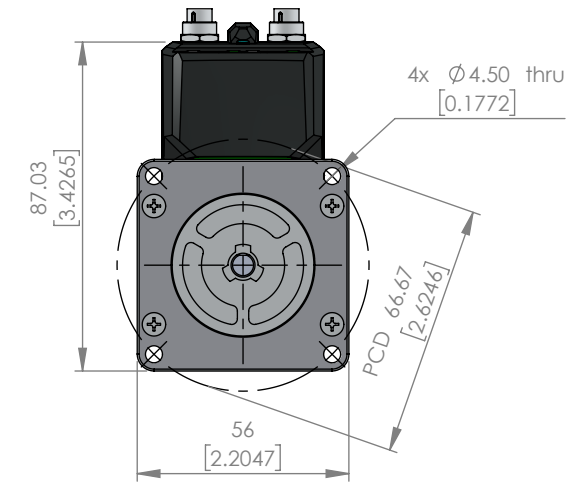
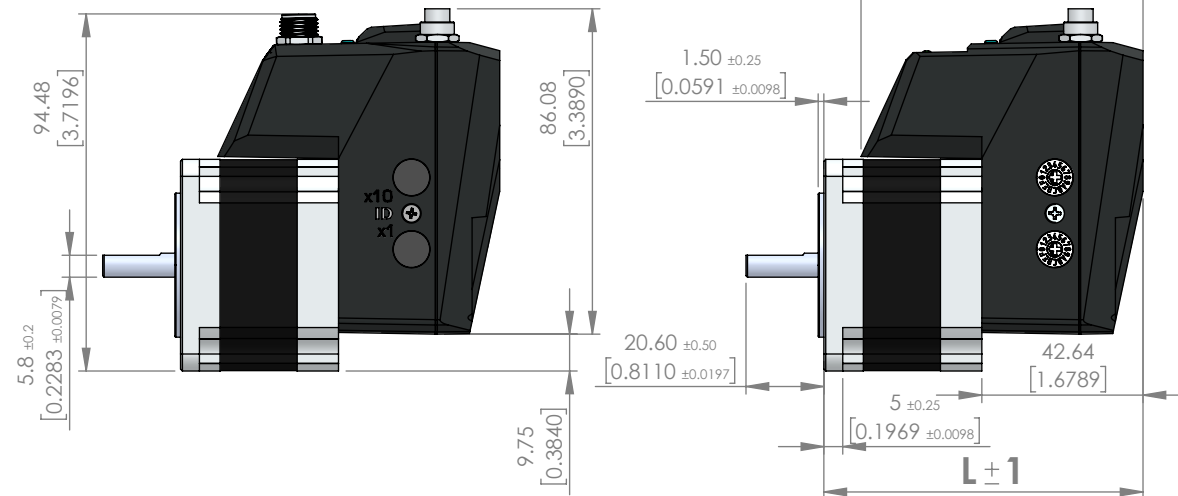
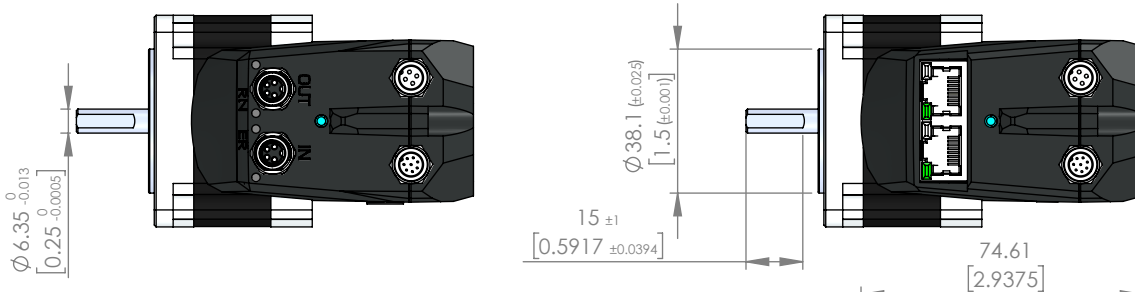


CM1-E-23L20D-RJ-S

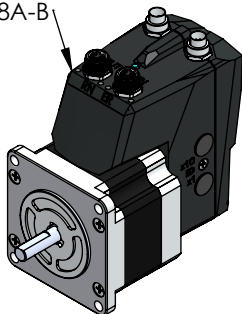
Interface E EtherCAT	Size 23	Length S Short L Long	Max Speed 20 2000rpm 30 3000rpm	H/W Rev. D	Connector RJ RJ45 8A M8A	Rotary Dip S Included B Blank
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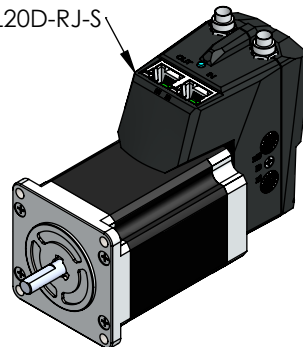
MODEL	L	Weight (kg)
CM1-E-23L20D-□□-□	118.5	1.18
CM1-E-23S30D-□□-□	84.5	0.62



CM1-E-23S30D-8A-B




CM1-E-23L20D-RJ-S



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

	NAME	DATE	DO NOT SCALE DRAWING	UNITS: mm [inch]
DRAWN	M.Dank	Apr 20, '26	TITLE: CM1-E NEMA 23 EtherCAT Servos	REV A PRT. NO. CM1-E-23□□0D-□□-□ 0.0
CHECKED	M.McCann	Apr 24, '26		
ENG APPR.	M.McCann	Apr 24, '26		
			SCALE 1:2	SHEET 1 OF 2

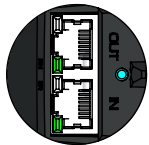
Myostat Motion Control Inc.
 +1 905-836-4441
 www.myostat.ca

4

3

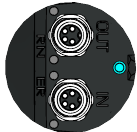
2

1

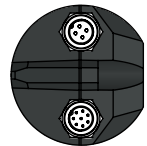


RJ

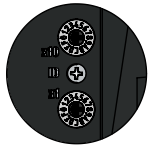
Ethernet Connectors



M8A



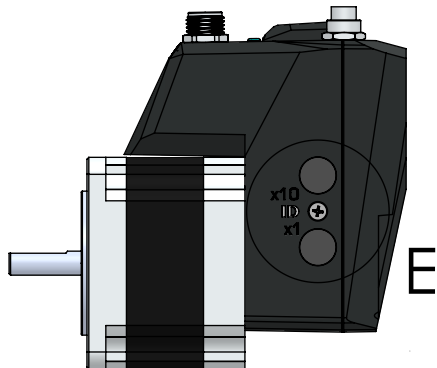
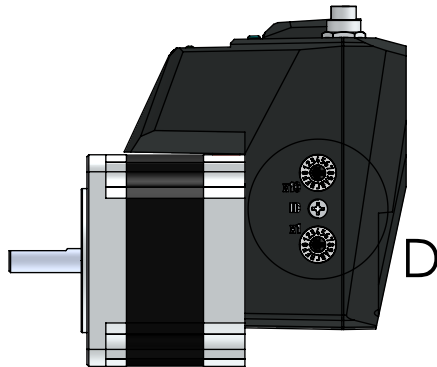
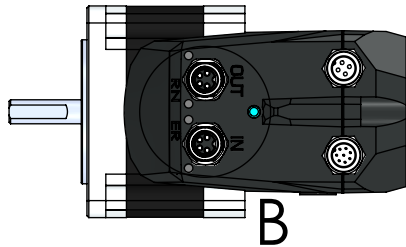
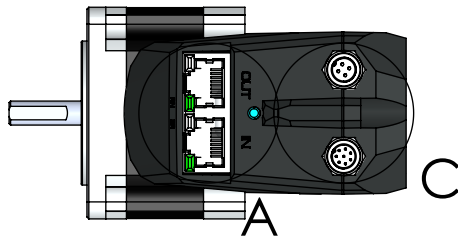
M9 Power & I/O



With Rotary Dip Switch



Without Rotary Dip Switch



C

A

B

D

E

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	Digital Input 1	Voltage Range	0	36	V
	IN 2	Digital Input 2	Input ON Level	0	1.4	V
	IN 3	Digital Input 3	Input Off Level	1.4	36	V
	IN 4	Digital Input 4	Continuous Current	-	30	mA
Analog Input (0-5V)			Peak Current	-	0.5	A
5 - Purple			Pulse Width	-	1	ms
A - IN 5			Parameter	Min	Max	Unit
Analog Input 4			Voltage Range	0	5	V
Digital Outputs - Sinking (output supplies 0V when Asserted)			Resolution	10 bit		
6 - Blue 7 - Black	Out 1	Output 1	Parameter	Min	Max	Unit
	Out 2	Output 2	Voltage Range	0	-	V
			Continuous Current	-	1	A
			Inductive Load Peak Rev Current	-	0.2	A
Signal Ground (0V)			Inductive Load Peak Rev Voltage	-	70	V
8 - Red			Parameter	Min	Max	Unit
0V			Voltage Range	0	0	V

Part Number	Input Voltage	Peak Torque	Peak Current	Peak Speed
CM1-E-23S30D-□□-□	24V ± 10%	0.46 Nm (65.14 oz.in)	5.1A	3000 rpm
CM1-E-23L20D-□□-□		1.24 Nm (175.6 oz.in)	3.4A	2000 rpm

CE requires cables longer than 30 meters to have surge protection

POWER

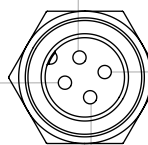
Mating cable:
CM1M9-4F-4000

Input/Output

Mating cable:
CM1M9-8F-4000

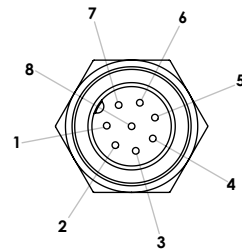
4 - Motor Drive Power [24V ± 10%]

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



2 - GND

3 - GND



Unless otherwise specified, tolerance to be: CNS 4018
IT 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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DRAWN	M.Dank	Apr 20,'26	TITLE:	CM1-E NEMA 23 EtherCAT Servos
CHECKED	M.McCann	Apr 24,'26		
ENG APPR.	M.McCann	Apr 24,'26		



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SIZE	PRT. NO.	REV
A	CM1-E-23□□0D-□□-□	0.0

SCALE 1:2

SHEET 2 OF 2

4

3

2

1