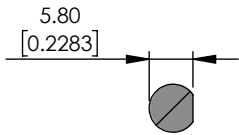
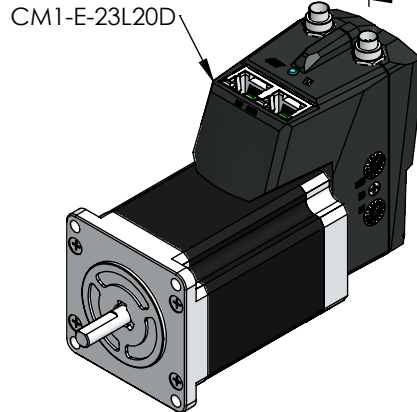
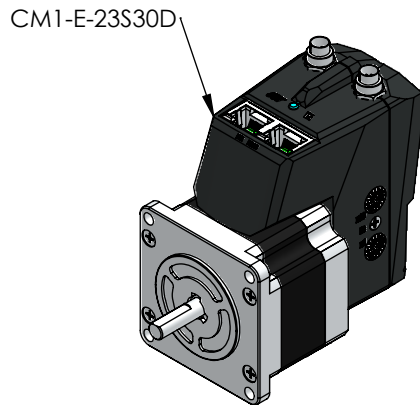
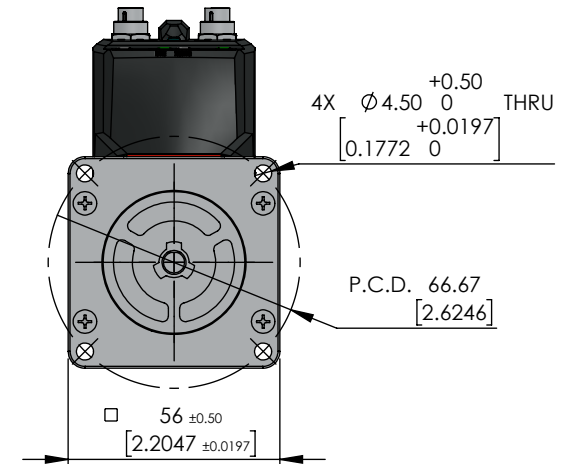
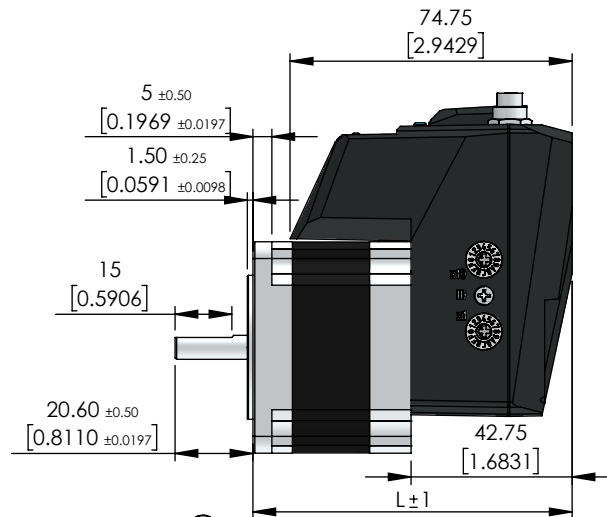
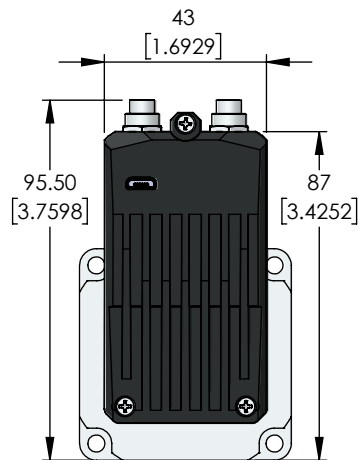
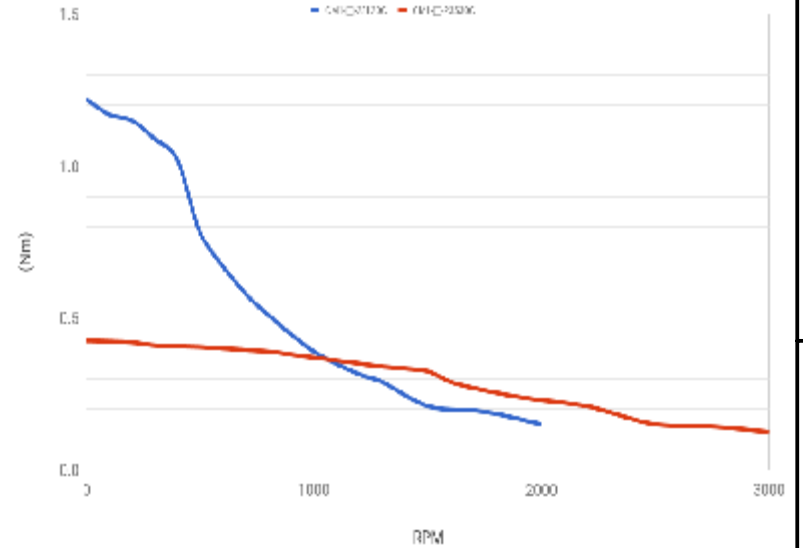
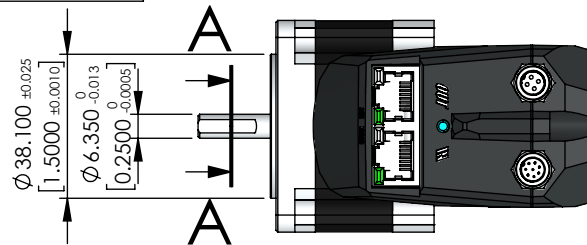


MODEL	L	Weight (kg)
CM1-□-23L20C	114.8	
CM1-□-23S30C	84.5	



A-A (1:1)



For more information about EtherCAT [CLICK HERE](#)

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			NAME	DATE	DO NOT SCALE DRAWING		UNITS: mm [inch]	
	DRAWN		M.REYNOLDS	XX-XX-2018	TITLE: CM1 EtherCAT Interface			
	CHECKED		x	x				
	ENG APPR.		x	x				
PROPRIETARY AND CONFIDENTIAL THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF MYOSTAT MOTION CONTROL INC. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF MYOSTAT MOTION CONTROL INC. IS PROHIBITED.					SIZE	PRT. NO.	REV	
					A	CM1-E-23□□0D	0.0	
					SCALE 1:2		SHEET 1 OF 2	
		Myostat Motion Control Inc. +1 905-836-4441 www.myostat.ca						

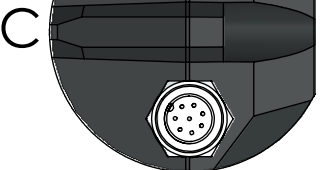
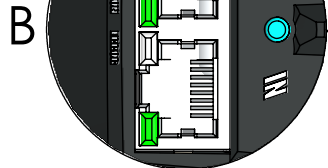
4

3

2

1

D

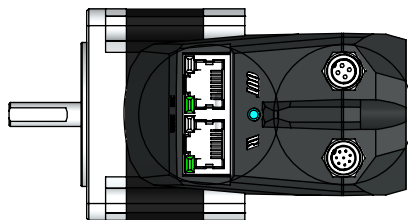


C

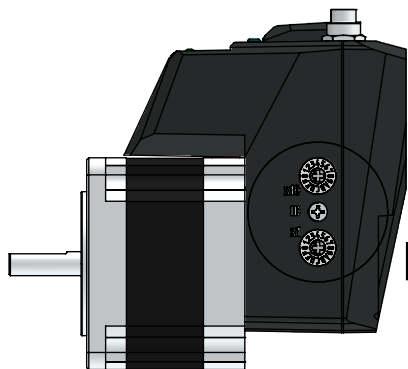


B

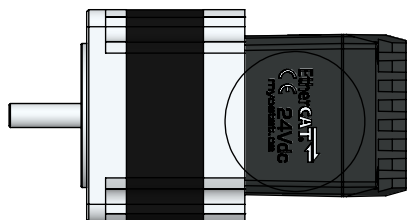
A



B



D



E

Pin #	Name	EtherCAT Function	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 Inout 1 Digital Input 2 Digital Input 3 Digital Input 4	- Digital Input 2 Digital Input 3 -	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
				Pulse Width	-	1	ms
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	Digital Output 1 -	- Output 2	Voltage Range	0	-	V
				Continuous Current	-	1	A
				Inductive Load Peak Rev Current	-	0.2	A
				Inductive Load Peak Rev Voltage	-	70	V
Signal Ground (0V)				Parameter	Min	Max	Unit
8 - Red	0V	0V	0V	Voltage Range	0	0	V

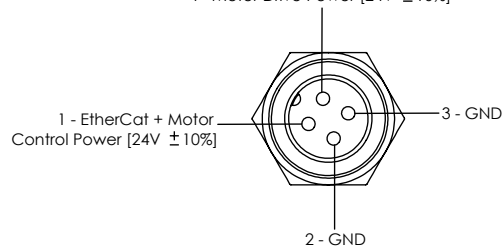
Part Number	Input Voltage	Peak Torque	Peak Current	Peak Speed
CM1-E-23S30D	24V ± 10%	0.46 Nm (65.14 oz.in)	5.1A	3000 rpm
CM1-E-23L20D		1.24 Nm (175.6 oz.in)	3.4A	2000 rpm

POWER

Binder

CM1M9-4F-4000

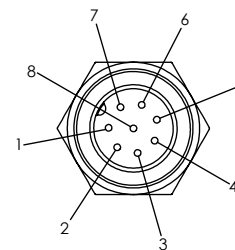
4 - Motor Drive Power [24V ± 10%]



Input/Output

Binder

CM1M9-8F-4000



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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	NAME	DATE
DRAWN	M.REYNOLDS	XX-XX-2018
CHECKED	x	x
ENG APPR.	x	x



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

DO NOT SCALE DRAWING		UNITS: mm [inch]	
TITLE: CM1 EtherCAT Interface			
SIZE A	PRT. NO. CM1-E-23□□0D		REV 0.0
SCALE 1:2		SHEET 2 OF 2	