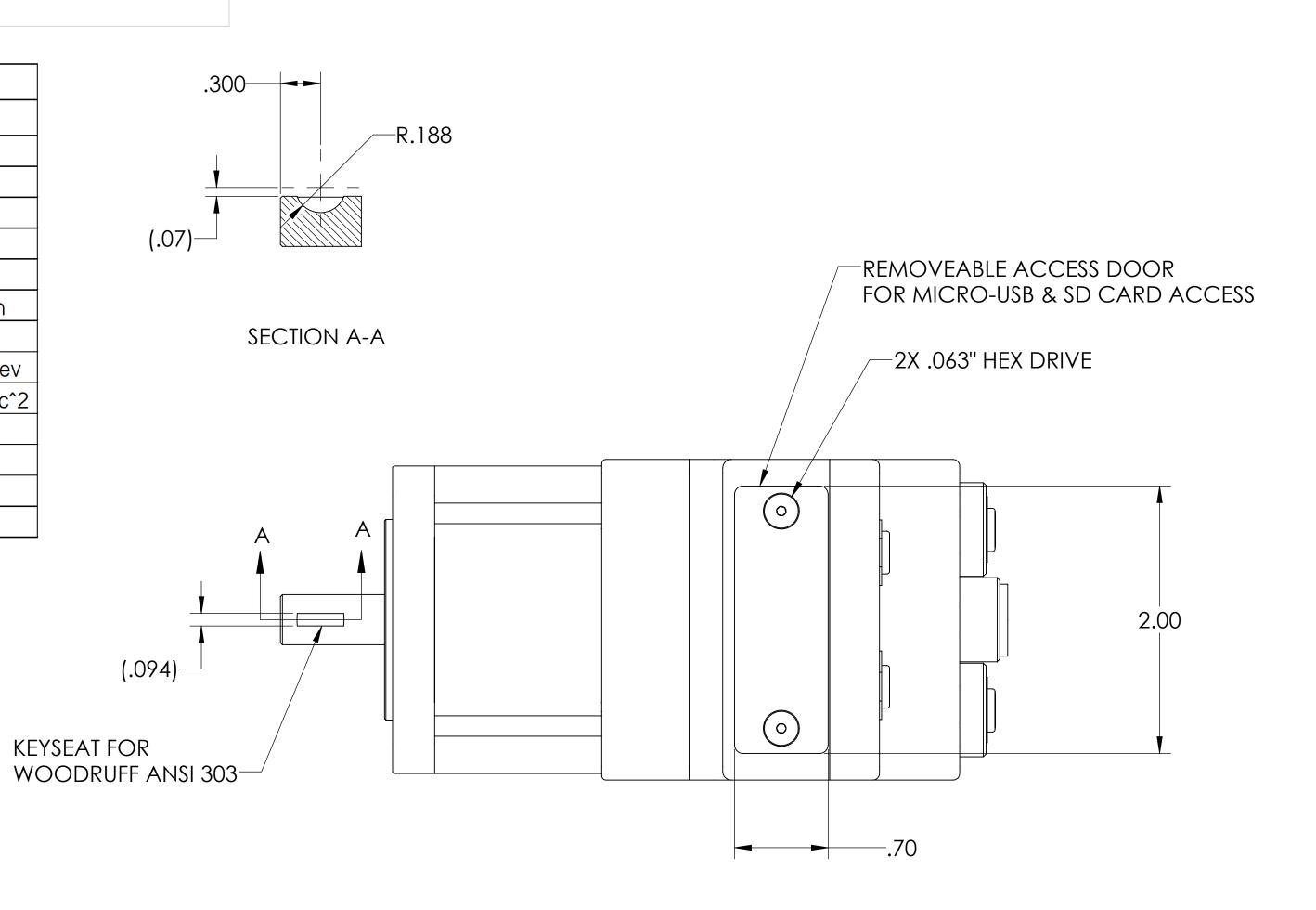
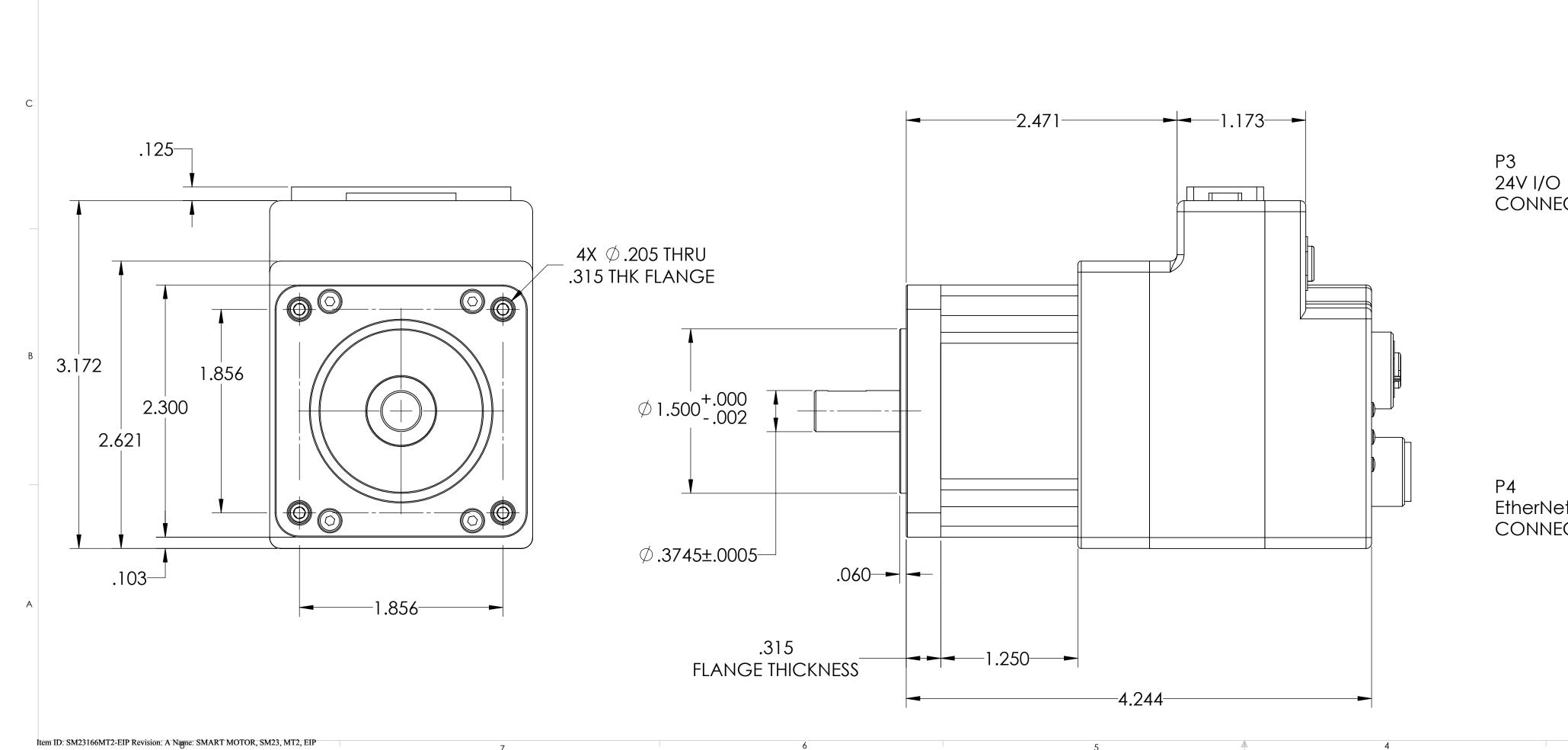
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Motor Performance at 25°C				
Performance	Value	Units		
Continuous Torque @48V	113	oz-in		
Peak Torque	133	oz-in		
Nominal Continous Power	210	Watts		
Nominal Peak Power	255	Watts		
No Load Speed	3900	RPM		
Voltage Constant	9.08	V/krpm		
Winding Resistance	0.743	0hms		
Encoder Resolution	4000	counts/rev		
Rotor Inertia	1.03	oz-in-sec^2		
Weight	2.20	lb		
Shaft Diameter	0.375	in		
Shaft, Radial Load	15	lb		
Shaft, Axial Thrust Load	3	lb		





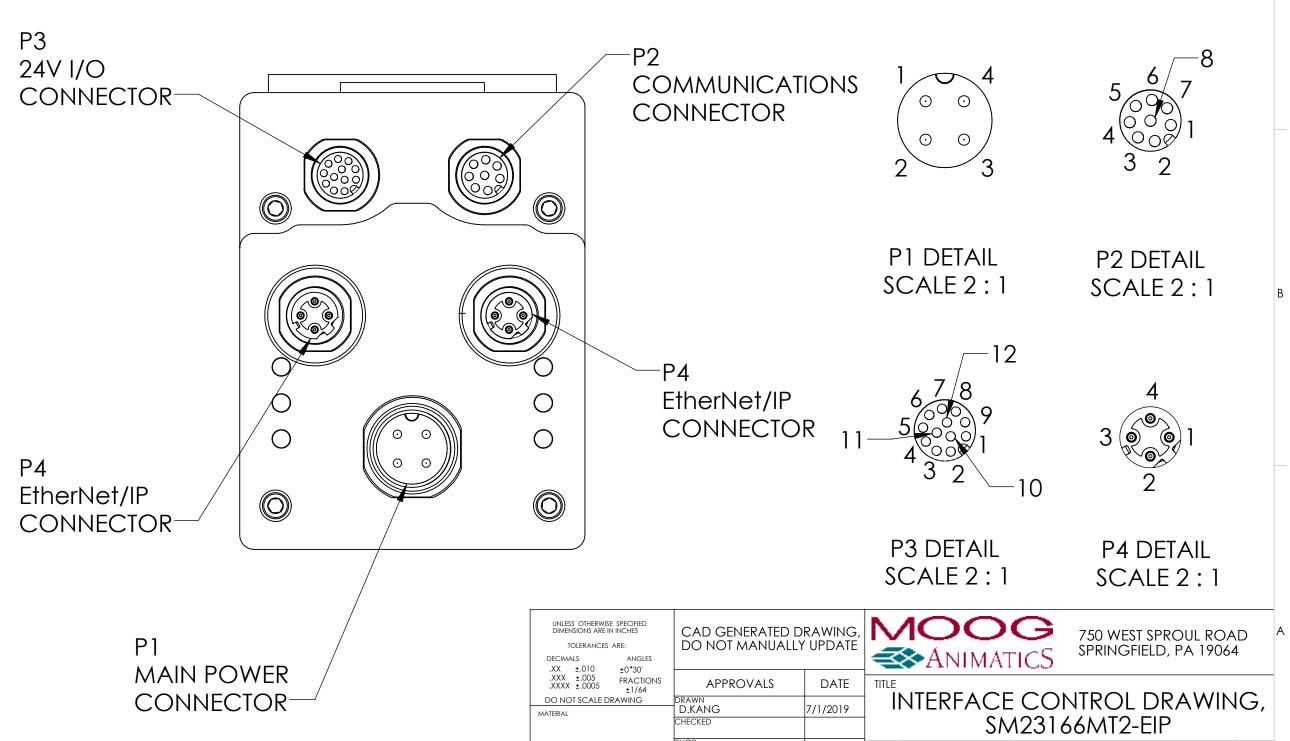
REVISION INFORMATION			
REV.	ECN	DESCRIPTION	DATE
Α	SC001705	PRODUCTION RELEASE	07/15/2019

PI Main Power Connector			
Pin	Description	Specifications	Notes
- 1	Control Power In	+24V (±20%), 32V Max.	Also Supplies I/O
2	Chassis		
3	Control, Com, I/O and Amplifier Ground	Common Ground	Nonisolated
4	Amplifier Power In	+24V Min., 48V Max.	Powers Amplifier Only

P2 Communications Connector			
Pin	Description	Specifications	Notes
- 1	Control, Com, I/O and Amp Ground	Common Ground	Nonisolated
2	RS-485 B, Com ch. 0	115.2 KBaud Max.	
3	RS-485 A, Com ch. 0	115.2 KBaud Max.	
4	Encoder A+ Input/Output	125 KHz Individual Line Frequency	Configurable as Encoder Output
5	Encoder B- Input/Output	125 KHz Individual Line Frequency	Configurable as Encoder Output
6	Encoder A- Input/Output	125 KHz Individual Line Frequency	Configurable as Encoder Output
7	+5V Out	50 mA Max.	
8	Encoder B+ Input/Output	125 KHz Individual Line Frequency	Configurable as Encoder Output

	P3 24V I/O Connector			
Pin	Description	Specifications	Notes	
- 1	INO GP, Discrete or Analog Input	Inp Impedance > 10 kohm	For Inputs:	
2	INI GP, Discrete or Analog Input	Inp Impedance > 10 kohm	7 Configurable Inputs	
3	IN2 Pos Limit or GP	Inp Impedance > 10 kohm	Low LvI ThId: 3.6V Max.	
4	IN3 Neg Limit or GP	Inp Impedance > 10 kohm	High Lvl Thld: 5.0V Min.	
5	IN/OUT4 GP or Ext. Enc. Index Capture	Inp Impedance > 10 kohm	Inp Hysteresis: I.OV Min.	
6	IN/OUT5 GP or Int. Enc. Index Capture	Inp Impedance > 10 kohm	Analog Input Scale: IOV FS	
7	IN6 GP, G Cmd	Inp Impedance > 10 kohm		
8	IN7 Drive Enable	Inp Impedance > 10 kohm		
9	OUT8 Brake or GP	250 mAmps Max.	For Outputs: Do Not Exceed	
10	OUT9 NOT FAULT	250 mAmps Max.	500 mAmps Combined	
Ш	+24 VDC Out (Supplied from PI, Pin I)	12.5V Min, 23V Max. Load 2 Amps Max.		
12	Ground Common	Common Ground	Nonisolated	

	P4 EtherNet/IP Connectors			
Pin	Description	Specifications	Notes	
- 1	+TX			
2	+RX			
3	-TX			
4	-RX			



SM23166MT2-EIP

FILE: ICD_SM23166MT2-EIP SHEET 1 OF 1
Released Date: 23-Jul-2019 10:52

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