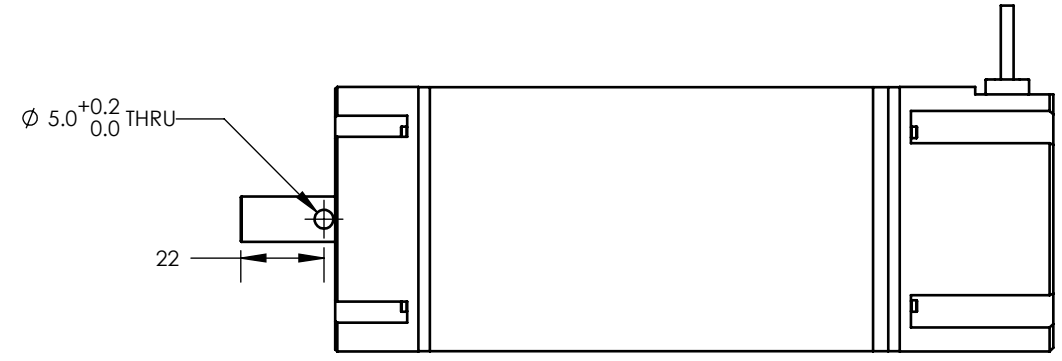
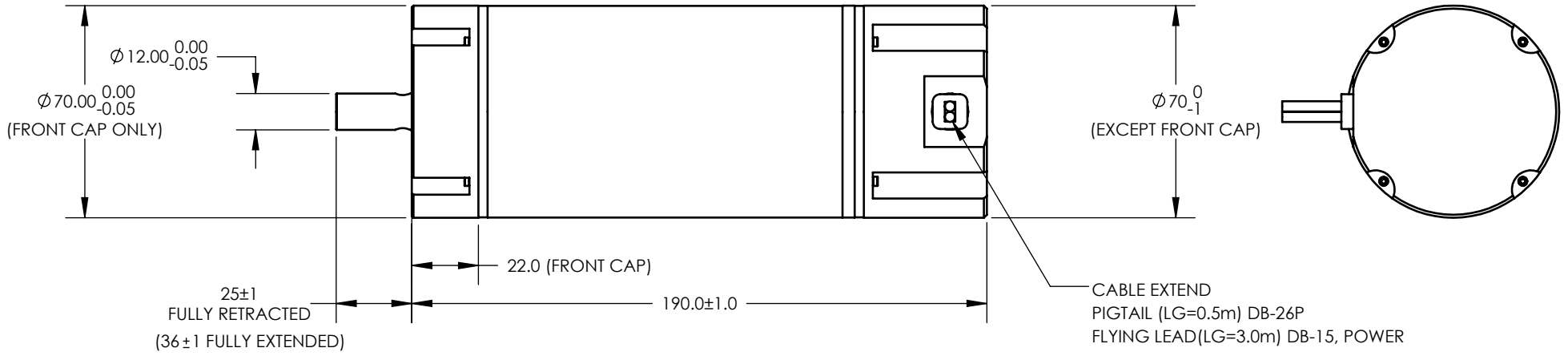
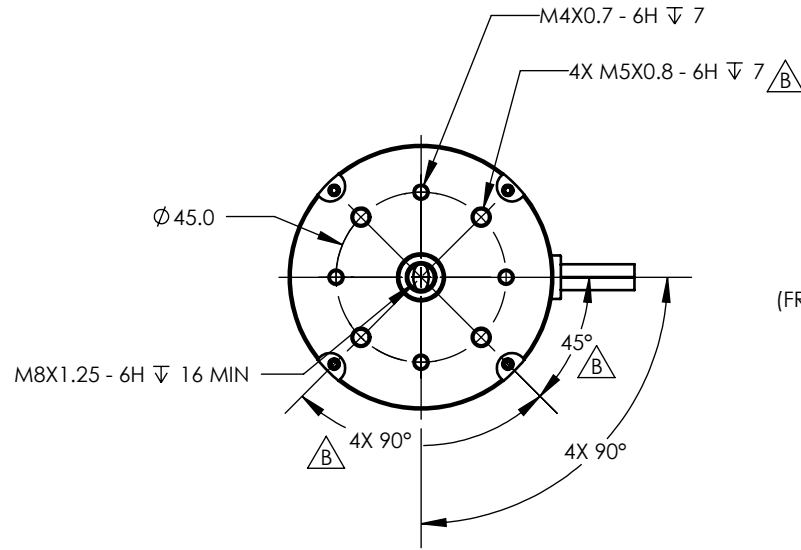


NOTES (UNLESS OTHERWISE SPECIFIED)

- 1. LINAR SPECIFICATIONS: SEE TABLE
- 2. OPERATING TEMPERATURE: 0°C TO 40°C
- 3. TOLERANCES  
X.: ±0.5  
X.X: 0.25

REVISIONS				
REV	ECR	DESCRIPTION	DATE	APPROVED
A	-	INITIAL RELEASE	1/13/2020	TW
B	7119	ADDED 4X M5 THD'D HOLES	3/5/2020	TW



PARAMETER	UNIT	VALUE
DC RESISTANCE	Ohm	5.3
VOLTAGE AT Fp	V	48
FORCE SENSITIVITY	N/A	21.1
BACK EMF	V/m/sec	21.1
INDUCTANCE	mH	TBD
PEAK FORCE	N	190
CURRENT AT Fp	A	9
CONT STALL FORCE	N	TBD
ACTUATOR CONSTANT	N/Sqrt(W)	TBD
ELECTRICAL TIME CONSTANT	ms	TBD
MECHANICAL TIME CONSTANT	ms	TBD
THEORETICAL ACCEL	m/sec^2	TBD
MAX THEORY FREQ AT FULL STROKE	Hz	TBD
POWER	W	TBD
STROKE	mm	10 +1.5/0
SENSOR		5um Encoder
THERMAL COIL RESISTANCE	C/Watt	TBD
MAX COIL TEMP	C	TBD
MOVING MASS	kg	0.35
TOTAL WIGHT	Kg	3.0

**DB-26P**

PIN No	DB-26P
1	(L) PH. A+
2	(L) PH. B+
3	(L) PH. Z+
4	NC
5	NC
6	NC
7	NC
8	NC
9	NC
10	(L) PH. A-
11	(L) PH. B-
12	(L) PH. Z-
13	NC
14	NC
15	NC
16	NC
17	NC
18	NC
19	+5 VDC
20	5V RTN
21	(L) MOTOR+
22	(L) MOTOR+
23	(L) MOTOR-
24	(L) MOTOR-
25	NC
26	NC

**DB-15P**

PIN No	DB-15P
1	PH. A+
2	PH. B+
3	PH. Z+
4	+5 Vdc
5	NC
6	NC
7	NC
8	NC
9	PH. A -
10	PH. Z -
11	PH. B -
12	5V RTN
13	NC
14	NC
15	NC

**POWER**

PIN No	PHOENIX. 4P
1	GND
2	+V
3	MOTOR +
4	MOTOR -

<p>UNLESS OTHERWISE SPECIFIED</p> <p>ALL DIMENSIONS ARE IN MM</p> <p>BREAK EDGES AND REMOVE BURRS</p> <p>TOLERANCES</p> <p>X.: ±0.5 X.X: ±0.1</p> <p>CONCENTRICITY: ±0.025</p> <p>ROUNDNESS: ±0.025</p> <p>EDGE BREAKS: 0.2 MAX</p> <p>ALL DIMENSIONS AND TOLERANCES ARE FINAL</p>	<p>MATERIAL: SEE BOM</p> <p>FINISH: SEE BOM</p> <p>MACHINE FINISH: 1.6</p> <p>INTERPRET PER: ASME Y14.5-2009</p>	<table border="1"> <tr><th>NAME</th><th>DATE</th></tr> <tr><td>DWN BY: TW</td><td>1/13/2020</td></tr> <tr><td>CHK BY: TMV</td><td>1/13/2020</td></tr> <tr><td>ENG APP: TMV</td><td>1/13/2020</td></tr> <tr><td>MFG APP:</td><td></td></tr> <tr><td>QA APP:</td><td></td></tr> </table>	NAME	DATE	DWN BY: TW	1/13/2020	CHK BY: TMV	1/13/2020	ENG APP: TMV	1/13/2020	MFG APP:		QA APP:		<p><b>SMAC</b></p> <p>5807 VAN ALLEN WAY CARLSBAD CA, 92008 (760) 929-7588</p> <p><b>ELECTRIC CYLINDER</b></p>
	NAME	DATE													
	DWN BY: TW	1/13/2020													
	CHK BY: TMV	1/13/2020													
ENG APP: TMV	1/13/2020														
MFG APP:															
QA APP:															
<p>REF. NUMBER: CTL70-010</p> <p>CONTRACT: STD</p>	<p>THIRD ANGLE PROJECTION</p>	<p>PROPRIETARY AND CONFIDENTIAL</p> <p>THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF SMAC. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF SMAC IS PROHIBITED.</p>	<p>SIZE: B PART NO: CTL70-010-75-2</p> <p>SCALE: 1:2 DO NOT SCALE SHEET: 1/1</p>												