

NOTES (UNLESS OTHERWISE SPECIFIED)

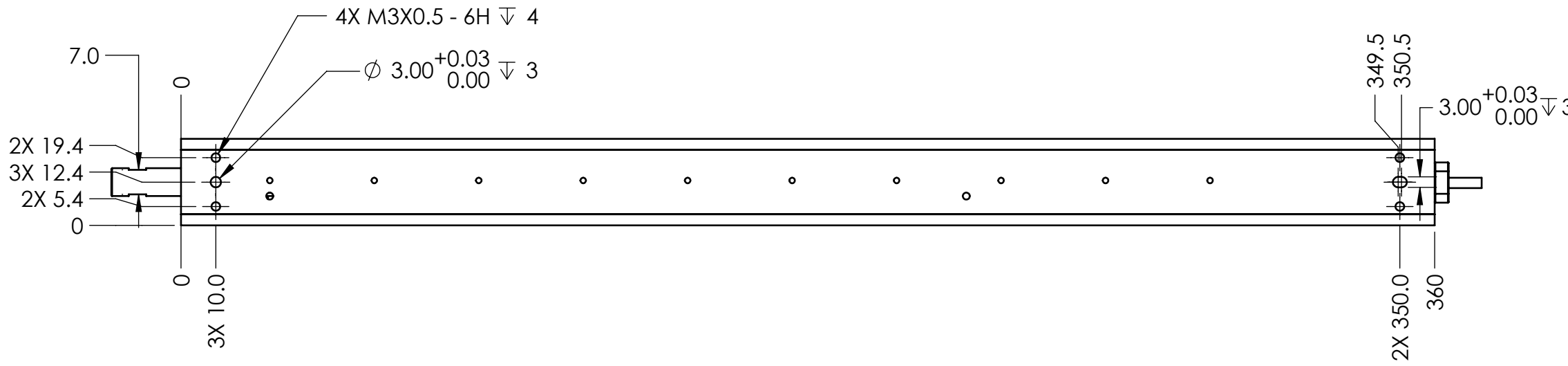
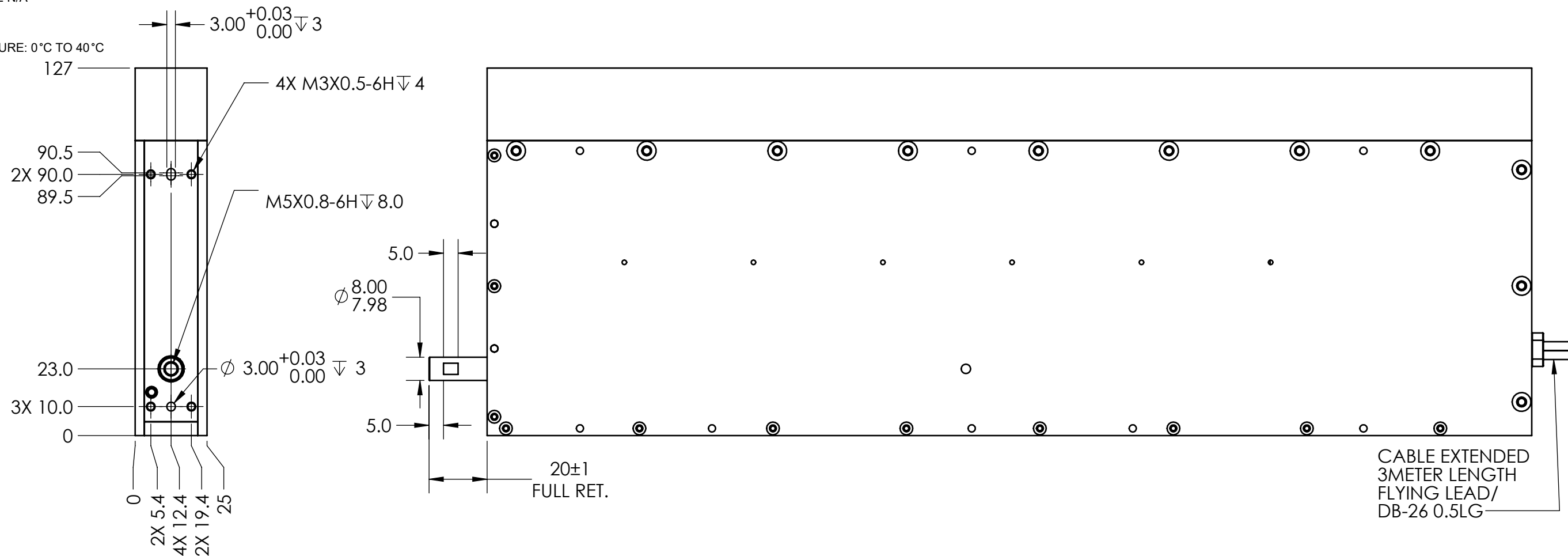
1. LINEAR SPECIFICATIONS:

- LINEAR STROKE: 200 ±1 mm
- ENC. RESOLUTION(+A/-A;+B/-B): 5,1um
- COIL RESISTANCE: 19.3 ±0.3 Ohm
- PEAK FORCE: 70 N @ 2..5 (48Vdc)
- FORCE CONSTANT: 31.2 N/A
- MOVING MASS: 0.21 kg
- TOTAL MASS: 4.56 kg

2. OPERATING TEMPERATURE: 0°C TO 40°C

3. COIL PITCH 29.7MM

REVISIONS				
REV	ECR	DESCRIPTION	DATE	APPROVED
A		RELEASE	02/06/2019	MAC
B		FORCE CHG	05/07/2019	MAC
C	7029	CORRECTED WIDTH AND HIGHT ADDED MISSING DIMENSIONS	5/27/2020	DL



PIN No	HDB-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	NC
22	L. COIL (U)
23	L. COIL (V)
24	L.COIL (W)
25	NC
26	NC

PIN No	DB-15P
1	PH. A+
2	PH. Z+
3	PH. B+
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

PIN No	PHOENIX. 6P
1	GND
2	+V
3	MOTOR U (MOTOR+)
4	MOTOR V (MOTOR-)
5	MOTOR W
6	NC

UNLESS OTHERWISE SPECIFIED
 ALL DIMENSIONS ARE IN MM
 BREAK EDGES AND REMOVE BURRS
 TOLERANCES
 X: ±0.5 X.X: ±0.1
 X.XX: ±0.03 ANGLE: ±0.1°
 CONCENTRICITY: ±0.025
 ROUNDNESS: ±0.025
 EDGE BREAKS: 0.2 MAX
 ALL DIMENSIONS AND TOLERANCES ARE FINAL

MATERIAL: SEE BOM
 FINISH: SEE BOM
 MACHINE FINISH: 1.6/√
 INTERPRET PER: ASME Y14.5-2009
 THIRD ANGLE PROJECTION

NAME	DL	DATE	05/27/20
DWN BY	DL	CHK BY	TMV
ENG APP		MFG APP	
QA APP			

SMAC 5807 VAN ALLEN WAY
 CARLSBAD CA, 92008
 (760) 929-7588

TITLE: MOVING COIL ACTUATORS

PART NO: LBL25-200-3

REV: C

SCALE: 1:5 DO NOT SCALE SHEET: 1 / 1

REF. NUMBER	LBL25-200
CONTRACT	STD