

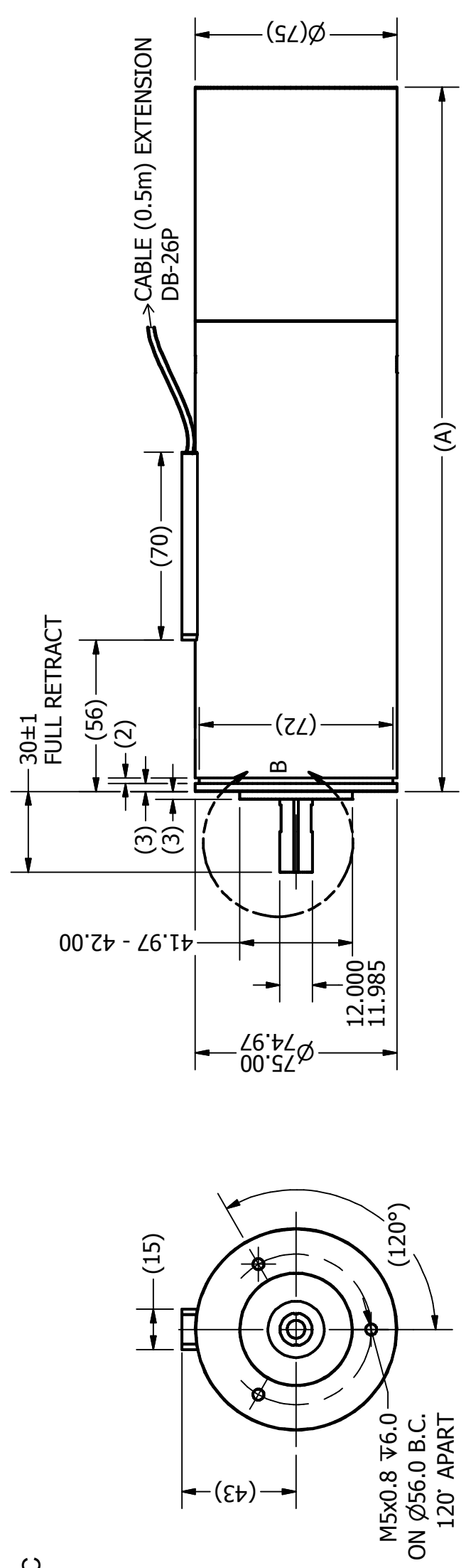
4 3 2 1

LINEAR SPECIFICATIONS:

STROKE SPEC +1/-0
 ENCODER RESOLUTION: 5.0, 1.0, 0.5, 0.1 μm
 DIFFERENTIAL TTL
 OPERATING TEMP: 0° TO 65°C
 ALL DIMENSIONS ARE IN mm

REVISION HISTORY

REV	DATE	ECN	DESCRIPTION	APPROVED
A	6/08/2009		new	
B	8/3/09		CORRECT SPEC TABLE, ADD DUAL COIL	



PRELIMINARY SPECIFICATIONS

Description	15-SINGLE	25-SINGLE	50-SINGLE	50-DUAL	Units
Vdc	24	48	24	48	Volts
DC Resistance	17.8	35.6	17.8	35.6	18 Ohm±5%
Peak Force	40	62	27	40	90 N
F/A	31	48	22	32	33.5 N/Amp
Max. Current	1.3	1.3	1.3	1.3	2.7 Amp
Moving Mass	0.44	0.44	0.44	0.44	0.81 Kg
Total Mass	4.8	4.8	5.1	5.6	8 Kg
A	249	249	262	283	385 mm

TOLERANCES ARE:
 X. ± 0.50
 X.X ± 0.1
 X.XX ± 0.05
 X.XXX ±

ANGULARITY ± 0.1°
 CONCENTRIC ± 0.01
 ROUNDNESS ± 0.05
 EDGE BREAK 0.02 MAX
 CHAMFER 0.03 MAX

FILE NAME: CAL75-XXX-3A
 OUTLINE_B.idw

MATERIAL: SMAC

DESIGNED BY: KARL STOCKS DATE: 4/23/2009 CHECKED BY: DATE: CONTRACT: CAL75
 DRAWN BY: KARL STOCKS DATE: 8/3/2009 APPROVED BY: DATE:

MACHINE FINISH: 3.2/

EXCEPT NOTED PROTECTIVE FINISH:

PART NAME: CAL75-0XX-XX-3A
 DWG SIZE: B
 DO NOT SCALE DWG
 SPEC. NUMBER:

REF. NUMBER: DB 26P PINOUT

#	FUNCTION
1	(AXIS 1) PH A+
2	(AXIS 1) PH B+
3	(AXIS 1) PH Z+
4	NC
5	NC
6	I/O RTN
7	NC
8	NC
9	NC
10	(AXIS 1) PH A-
11	(AXIS 1) PH B-
12	(AXIS 1) PH Z-
13	NC
14	NC
15	NC
16	NC
17	NC
18	NC
19	+5VDC
20	5V RTN
21	(AXIS 1) COIL +
22	(AXIS 1) COIL +
23	(AXIS 1) COIL -
24	(AXIS 1) COIL -
25	NC
26	NC

SHEET NUMBER: 1 OF 1
 REVISION: B

4 3 2 1