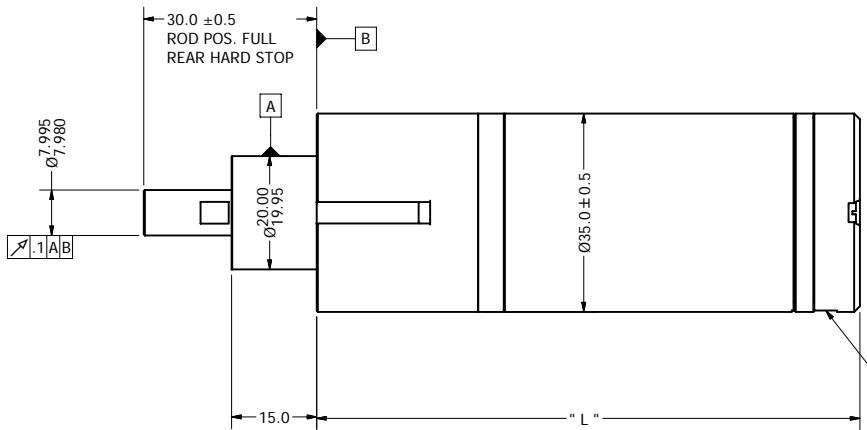
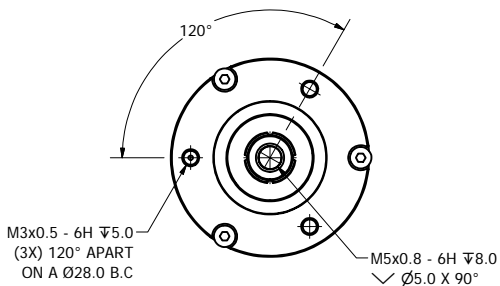


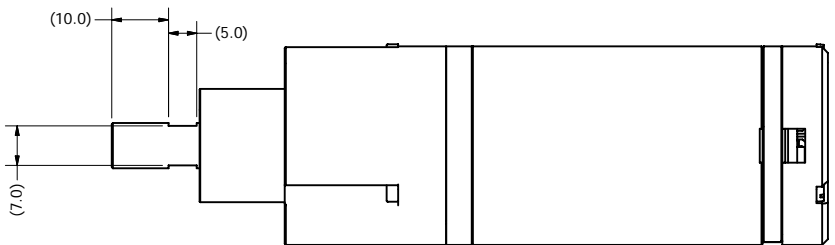
LINEAR SPECIFICATONS:

ENCODER RESOLUTION: 5, 1 μm (X)
 ENCODER REPEATABILITY: ±4 encoder count
 OPERATING TEMPERATURE: 0°C to 65°C
 ALL DIMENSIONS ARE IN mm

REVISION HISTORY				
REV	DATE	ECN	DESCRIPTION	APPROVED
D	06/27/2014		RELEASE	TOAN VU
E	8/21/2014	5456	SEE ECN	RH



CABLE EXTEND
 PIGTAIL (LG=0.5m) DB-26P
 FLYING LEAD (LG=3.0m) DB-15P,POWER



DB 26P PINOUT

1	(AXIS 1) PH. A+
2	(AXIS 1) PH. B+
3	(AXIS 1) PH. Z+
4	NC
5	NC
6	VO 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

DB-15P

DETAILS	
PIN No	FUNCTION
1	PH. A+
2	PH. Z+
3	PH. B+
4	+5V
5	NC
6	NC
7	NC
8	NC
9	PH. A-
10	PH. Z-
11	PH. B-
12	5V RTN

POWER

No	DETAIL
1	V RTN
2	+ V
3	COIL +
4	COIL -

No	Details	UNIT	CBL35-0XX-YY-Z							
			CBL35-010-5X-1	CBL35-010-5X-3	CBL35-010-7X-1	CBL35-010-7X-3	CBL35-015-5X-1	CBL35-025-5X-1	CBL35-025-7X-1	
1	LINEAR STROKE	mm	10	10	10	10	15	25	25	
2	PEAK FORCE	N	15	31	22	61	10	8.5	14	
3	FORCE CONSTANT	N/A	9.0	14.8	13.4	15.0	7.0	5.8	8.8	
4	MAXIMUM CURRENT	A	1.5	2.2	1.6	4.3	1.5	1.5	1.6	
5	COIL RESISTANCE	Ohm	16	11	29	11	16	16	29	
6	MOVING MASS	kg	0.04	0.1	.04	0.1	0.06	0.06	0.06	
7	TOTAL MASS	kg	0.45	0.95	0.45	0.95	0.5	0.6	0.6	
8	DIMENSION (L)	mm	96	178	96	178	101	111	111	

TOLERANCES ARE: X ± 0.50 XX ± 0.1 XXX ± 0.05 X.XXX ± ANGULARITY ± 0.1° CONCENTRICITY ± 0.01 ROUNDNESS ± 0.05 EDGE BREAK 0.02 MAX CHAMFER 0.03 MAX	MATERIAL: SMAC	REF. NUMBER: CBL35
DESIGNED BY: TOAN VU	DATE: 6/27/2014	CHECKED BY: TOAN VU
DRAWN BY: TOAN VU	DATE: 6/27/2014	APPROVED BY:
MACHINE FINISH: 3.2/		PART NAME: CBL35-0XX-YY-Z
EXCEPT NOTED PROTECTIVE FINISH ELECTROLESS NICKEL SPEC. NOTE	SCALE: NONE	DWG. SIZE: C
FILE NAME: CBL35-0XX-YY_E_NEW.idw	PART NUMBER: CBL35-0XX-YY-Z	REVISION: E
	DO NOT SCALE DWG	