


1	Cont. force	N	570
2	Cont. current	Arms	9.5
3	Peak force(1s)	N	2280
4	Peak current(1s)	Arms	38
5	Resistance(line to line)	ohm	1.4
6	Inductance(line to line)	mH	1.4
7	Mass of forcer	kg	6.25
8	Back emf constant	Vrms/(m/s)	34.4

WIRING DIAGRAM	
Signal	CABLE
V	1
U	2
W	3
-	4
Thermal+	5
Thermal-	6
GND	YellowGreen

- 1.Cabling: IGUS CF10.15.07(7G 1.5)
- 2.Outer Diameter: 11.5mm
- 3.Thermal Sensor: 3 PTC 100°C in series
- 4.Except dimensions,all the specifications in the table are in  $\pm 10\%$  of tolerance
- 5.Choosing the length of cable (L) in the table

	Part Number	L	Choosing the length of cable (L) in the table
1	HM13FX4P0100	500	<input type="checkbox"/>
2	HM13FX4P0A00	600	<input type="checkbox"/>
3	HM13FX4P0B00	700	<input type="checkbox"/>
4	HM13FX4P0C00	800	<input type="checkbox"/>
5	HM13FX4P0D00	900	<input type="checkbox"/>
6	HM13FX4P0E00	1000	<input type="checkbox"/>
7	HM13FX4P0F00	1100	<input type="checkbox"/>
8	HM13FX4P0G00	1200	<input type="checkbox"/>

ROUGH % 8.0a		FIT % 3.2a		GRD 0.8a				SCALE 1:X		TYPE		LMCFA		DATE		Jun.27.11'	
TOLERANCE mm UP TO 6 120 300 600 1200 2400 OVER 2400 ±0.1 ±0.2 ±0.3 ±0.4 ±0.5 ±0.8 ±1.0 ±1.5										CUSTOMER				DRN		許廷好	
										MATERIAL				CHK		黃柏盛	
PART NO										HM13M10D7000		APPD		張宇榮			
NAME										DWG NO		SHEET					
Forcer unit										M10D70		A1		1-1			

G				
	ITEM	DATE	MODIFIED	DESCRIPTION