



1	Cont. force(2.8bar)	N	456
2	Cont. current(2.8bar)	Arms	7.8
3	Cont. force(No cooling)	N	221
4	Cont. current(No cooling)	Arms	3.8
5	Peak force(2.8bar)(1s)	N	1824
6	Peak current(2.8bar)(1s)	Arms	31.3
7	Resistance(line to line)	ohm	3.3
8	Inductance(line to line)	mH	3.3
9	Mass of forcer	kg	2.5
10	Back emf constant	Vrms/(m/s)	33.6

- 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 <input checked="" type="checkbox"/>
1	HM13FX4IA100	500	<input type="checkbox"/>
2	HM13FX4IAA00	600	<input type="checkbox"/>
3	HM13FX4IAB00	700	<input type="checkbox"/>
4	HM13FX4IAC00	800	<input type="checkbox"/>
5	HM13FX4IAD00	900	<input type="checkbox"/>
6	HM13FX4IAE00	1000	<input type="checkbox"/>
7	HM13FX4IAF00	1100	<input type="checkbox"/>
8	HM13FX4IAG00	1200	<input type="checkbox"/>

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

ROUGH 1/8"		FIT 1/8"		GRD 0.8A				SCALE		TYPE		LMCF4-AC		DATE		Jun.24.15'	
8.0a		3.2a		0.8a				1:X		CUSTOMER				DRN		羅鈞名	
TOLERANCE mm																	
UP TO 6		6		30		120		300		600		1200		2400		OVER 2400	
± 0.1		± 0.2		± 0.3		± 0.4		± 0.5		± 0.8		± 1.0		± 1.5			
										NAME		DWG NO		SHEET			
										Forcer unit		M1AD64		A1		1-1	
										MATERIAL				CHK		黃柏盛	
										PART NO		HM13M1AD6400		APPD		張宇榮	

ITEM	DATE	MODIFIED	DESCRIPTION	APPD