Data-Sheet-Motorized Vacuum Capacitor

YL75-9-1500M

GLVAC

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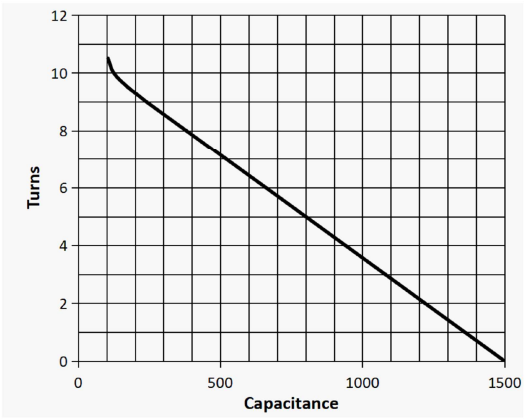
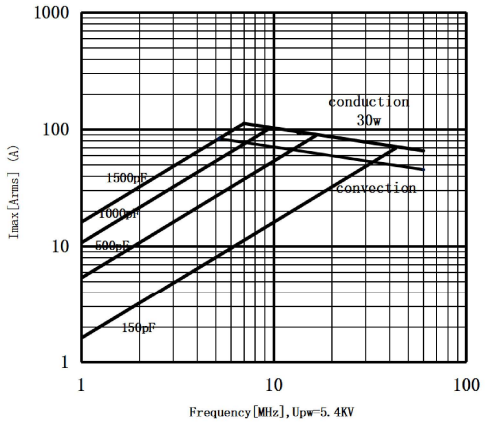
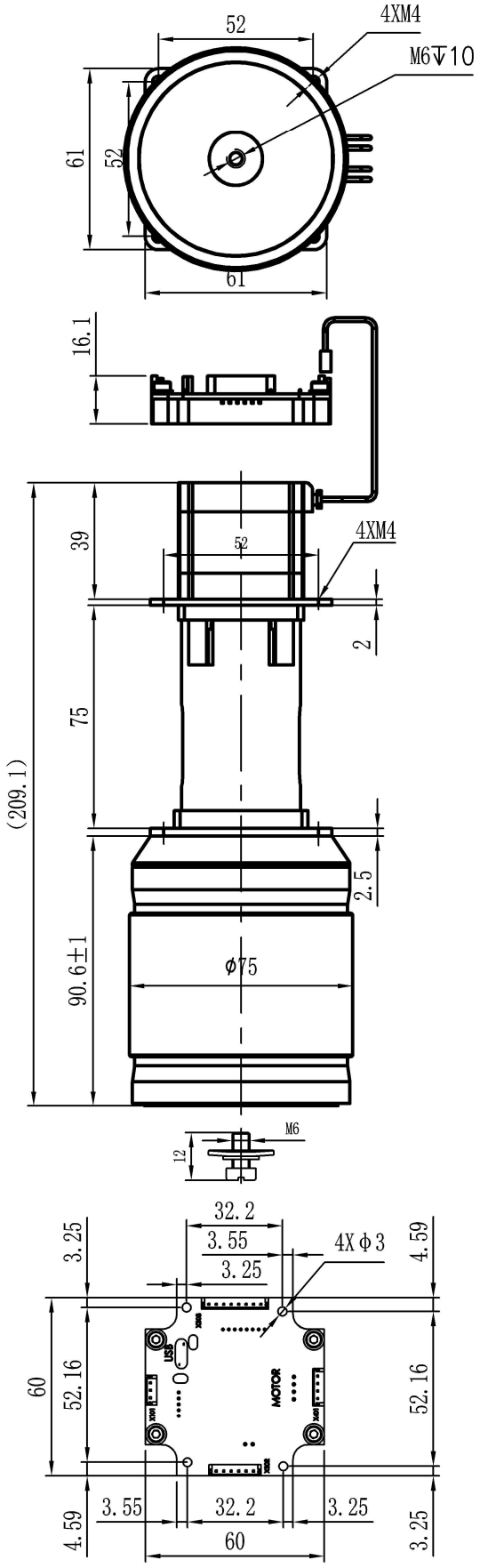
Specification	
Capacity C_{max}(nominal)	1500pF
Capacity C_{min}(nominal)	150pF
Voltage (Peak Test U_{pt}/Peak Working U_{pw})	9kVp/5.4kVp
Capacity tolerance (linear Range)	±1%
Max.Current I_{max} at 13.56MHz with	95Arms
Conduction Cooling	30W
Self Inductance	≤8nH
Capacitance per 100 steps	70pF
Net Weight	1.7kg
Ground to variable end capacitance	≤5pF



Imax at 25 ℃ ambient and 125 ℃ surface for convection and conduction (30w) cooling





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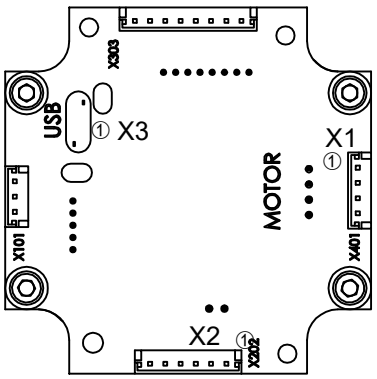
Drive Specification	
Tuning speed (end to end)	＜3s
Backlash	≤2
Operation mode	Bipolar
Nr.of phases	2
Rated phase current(RMS)	1.5A
Supply voltage(DC)	24V
Full step angle	1.8°
Motor frame size	42mm



X1 Motor		
Pin1	OB2	Blue B-
Pin2	OB1	Red B
Pin3	OA2	Green A-
Pin4	OA1	Black A

X2 Power and Communication	
Pin1	0V(GND)
Pin2	9V—30V(VDD)
Pin3	
Pin4	
Pin5	RS232_TXD
Pin6	RS232_RXD

X3 Mini-USB			
Pin1	VBUS	Power	5V
Pin2	D-	Bidirection	USB Data -
Pin3	D+	Bidirection	USB Data+
Pin4	ID	Power(GND)	Connected to signal and system ground
Pin5	GND	Power(GND)	Connected to signal and system ground

X4 is not used

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