Changzhou Vic-Tech Motor Technology Co., Ltd

STEPPER MOTOR VSM0806 torque curve

Testing condition:

Driving mothod:2-2 phase

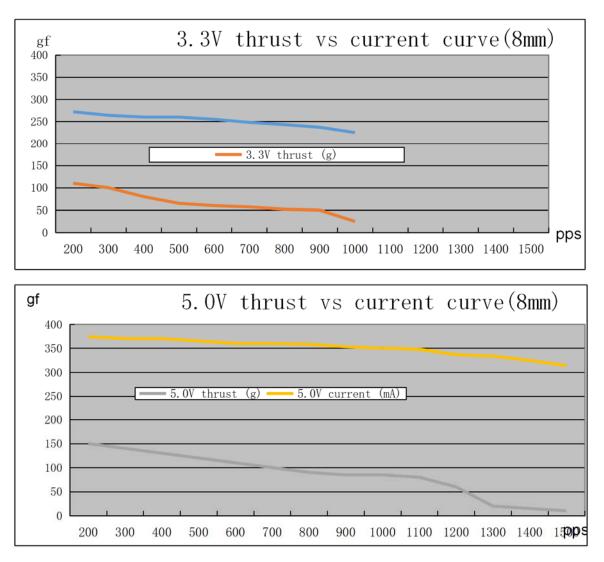
Motor tye:bipolar

Driving voltage: 3.3 or 5 VDC

Tetsing equipment:

Lead screw: M2\*0.4P

Coil resistance:20  $\Omega$  /phase



Frequency	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	
1#	110	100	80	65	60	57	52	50	25						3.3V thrust
2#	150	140	130	120	110	100	90	85	85	80	60	20	15	10	5.0V thrust
	4	6	8	10	12	14	16	18	20	slider speed, mm/sec					
3.3VDC 1000pps long time running, motor surface temperature is about 29°C, 600pps long time running, motor surface temperature is about 31°C, room temperature 22°C															
1#	272	264	260	260	255	248	243	237	225						3.3V current
2#	374	370	370	365	360	360	358	353	350	348	337	334	325	314	5.0V current
6	5.0VDC 1000pps long time running, motor surface temperature is about 35°C, 600pps long time running, motor surface temperature is about 38°C, room temperature 22°C														