Changzhou Vic-Tech Motor Technology Co., Ltd STEPPER MOTOR VSM1069 torque curve

Testing condition:

Driving mothod:2-2 phase

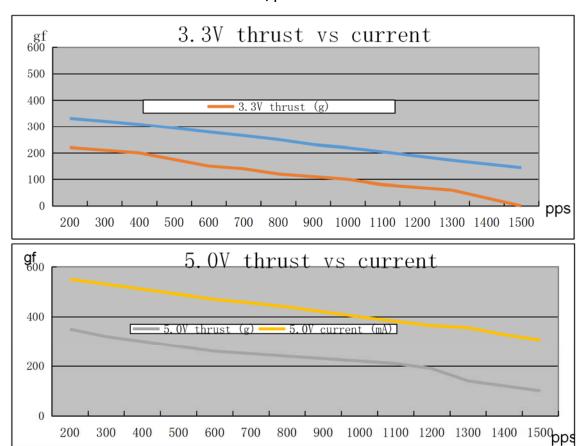
Motor tye:bipolar

Driving voltage: 3.3 or 5 VDC

Tetsing equipment:

Lead screw: M2*0.4P

Coil resistance:16 Ω /phase



Frequency	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	
1#	220	210	200	175	150	140	120	110	100	80	70	60	30	0	3.3V thrust
2#	350	320	300	280	260	250	240	230	220	210	190	140	120	100	5.0V thrust
3.3VDC 1000pps long time running, motor surface temperature is about 33°C, 600pps long time running, motor surface temperature is about 36°C. Room temperature 22°C															
1#	331	320	308	294	279	265	250	231	219	204	188	172	158	144	3.3V current
2#	550	530	510	490	470	456	440	420	400	382	364	356	328	306	5.0V current

5.0VDC 1000pps long time running, motor surface temperature is about 50°C , 600pps long time running, motor surface temperature is about 53°C , room temperature 22°C