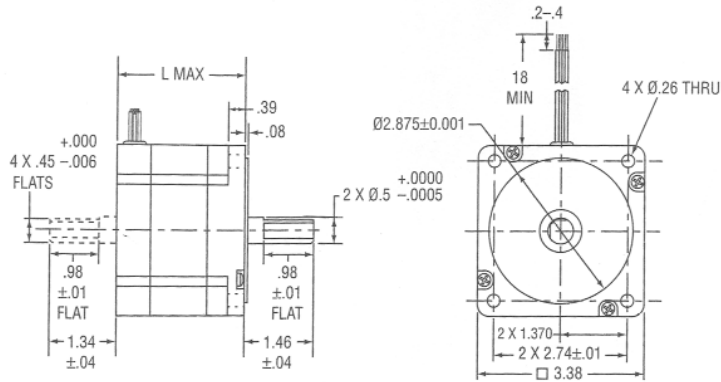


STEPPER MOTOR

TYPE
NEMA 34

Other lengths and windings available upon request.
Double shaft also available.

All motors are optimized for microstepping.



STOCK NO.	MOTOR LENGTH (INCHES)	MINIMUM HOLDING TORQUE (OZ-IN)	LEADS	STEP ANGLE DEGREES	VOLTS	AMPS	OHMS	mH	ROTOR INERTIA (OZ-IN ²)	MOTOR WEIGHT (LBS)	MOTOR CONNECTION
SM34-474	2.6	389	8	1.8	2.8	3.15	0.96	7.6	7.65	4.0	SERIES PARALLEL UNIPOLAR
		389			1.4	6.3	0.24	1.9			
		278			2.0	4.5	0.48	1.9			
SM34-476	3.78	855	8	1.8	3.92	3.15	1.32	12.0	14.8	6.2	SERIES PARALLEL UNIPOLAR
		855			1.96	6.3	0.33	3.0			
		611			2.8	4.5	0.66	3.0			
SM34-478	4.96	1284	8	1.8	5.3	2.8	1.94	22.0	27.9	8.66	SERIES PARALLEL UNIPOLAR
		1284			2.7	5.6	0.49	5.5			
		917			3.8	4.0	0.97	5.5			

REFERENCE

RECOMMENDED CONNECTIONS FOR MOTORS AND DRIVES

DRIVE	SM17			SM23			SM34		
	-068	-071	-075	-395	-398	-401	-474	-476	-478
SMD3540M	P	P	P	S	S	S	S	-	-
SMD3540Si	P	P	P	S	S	S	S	-	-
SMD3540CSi	P	P	P	S	S	S	S	-	-
SMD5580PDO	-	-	-	P	P	P	P	P	P
SMD5580CSi	-	-	-	P	P	P	P	P	P

P = PARALLEL CONNECTION
S = SERIES CONNECTION

For SMD3540 drives with SM23 motors, parallel connection may provide higher torque at speeds above 5-10 rev/sec.

TERMINAL #	WINDING WIRE COLOR
1	RED
2	BLUE
3	BLACK
4	WHITE
5	GREEN
6	YELLOW
7	BROWN
8	ORANGE

