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STEPPER MOTORS

Model	Wiring scheme	Design Voltage, V	Phase Current, A	Holding Torque, Nm	Detent Torque, mNm	Phase Resistance, Ohm	Inductance, mH	Steps/Revolution
20	bipolar	4.3	0.8	0.03	1.5	5.4±15%	1.5±20%	200 (1.8°)
28	bipolar	4.56	0.67	0.106	3.75	6.8±15%	4.8±20%	200 (1.8°)
28S	bipolar	3.75	0.67	0.071	2.5	5.6±15%	4±20%	200 (1.8°)
4233	bipolar	12	0.4	0.25	8.5	30±10%	37±20%	200 (1.8°)
4247	bipolar	3.84	1.2	0.45	15.5	3.2±10%	6±20%	200 (1.8°)
5618	bipolar	4.82	2.01	1.84	39	2.4±15%	8.4±20%	200 (1.8°)
5918	bipolar	3	2.1	1.98	68	2±10%	8.8±20%	200 (1.8°)
ZSS43	bipolar	42	1.2	0.26	7	19	22.9	200 (1.8°)

STEPPER MOTORS WITH BRAKE

Model	Wiring scheme	Design Voltage, V	Phase Current, A	Holding Torque, Nm	Detent Torque, mNm	Phase Resistance, Ohm	Inductance, mH	Steps/Revolution	Braking Power
5918-B	bipolar	2.4	2.82	1.05	40	0.85±10%	3.6±20%	200 (1.8°)	0.4 Nm; 24 V; 10 W

VACUUM 10⁻⁶ Torr COMPATIBLE STEPPER MOTORS

Model	Wiring scheme	Design Voltage, V	Phase Current, A	Holding Torque, Nm	Detent Torque, mNm	Phase Resistance, Ohm	Steps/Revolution
VSS42	bipolar	42	1.2	0.13	5	1.7	200 (1.8°)
VSS43	bipolar	42	1.2	0.235	7	2.6	200 (1.8°)

DC MOTORS

Model	Design Voltage, V	Continuous Current, A	Continuous Torque, Nm	Continuous Power, W	Resistance, Ohm	Inductance, mH	Max Speed, rpm	Gearbox	Encoder
DCE369751	3.6	0.587	0.3	2	3.5	0.114	120	67:1	16 CPT, 2 channels
DCJ252445	1.8	0.72	0.3	1.2	1.07	0.0216	7	1119:1	-
DCE1524	6	0.021	0.3	1.7	5.1	0.07	35	141:1	256 CPT, 2 channels
DCE RE25	24	1.37	0.5	20	1.53	0.186	1800	4.4:1	1000 CPT, 3 channels

VACUUM 10⁻⁶ Torr COMPATIBLE DC MOTORS

Model	Design Voltage, V	Continuous Current, A	Continuous Torque, Nm	Continuous Power, W	Resistance, Ohm	Inductance, mH	Max Speed, rpm	Gearbox	Encoder
DCE1841	6	0.021	0.3	1.7	5.1	0.07	37	134:1	16 CPT, 2 channels

