



Key Performance Features:

- Economical 2-Pole Design
- Skewed and Balanced Armatures
- Encoder Ready
- Machined Mounting Surfaces
- 12-120 VDC Available

C26 BRUSHED SERVO MOTOR SERIES

Motor Characteristics

FRAME SIZE	STACK LENGTH	PEAK STALL TORQUE (T _p) OZ-IN	CONT. STALL TORQUE (T _c) OZ-IN	ROTOR INERTIA (J _m) OZ-IN-SEC ²	FRICTION TORQUE (T _f) OZ-IN	THERMAL RESISTANCE (RM) °C/WATT	MAX RECOMMEND SPEED RPM	MAX WINDING TEMP. C°	POWER RANGE W	WEIGHT LB
C26 -- 100		145	30	0.003	3	5.2	4500	155	40	2.5
C26 -- 200		260	52	0.006	3.5	4.3	4500	155	75	3.5
C26 -- 300		350	70	0.008	4	3.7	4500	155	100	4.5
C26 -- 400		450	90	0.011	4.5	3.1	4500	155	112	5.6

Sample Windings

CONSULT MAGMOTOR APPLICATION STAFF FOR OTHER AVAILABLE WINDINGS

	C26 -- 100				C26 -- 200				C26 -- 300				C26 -- 400			
	D	F	H	K	D	F	H	K	D	F	H	K	D	F	H	K
Torque Constant (Kt) oz-in/amp	5.3	8.5	13.4	26.7	10.0	14.9	25.2	50.5	14.9	23.6	37.5	75	17.6	28.0	44.4	88.9
Voltage Constant (Ke) Volts/Krpm	3.9	6.3	9.9	19.7	7.4	10.6	18.6	37.3	11.0	17.5	27.7	55.5	13	20.7	32.8	65.7
Term. Resistance (Rt) Ohms (cold)	0.4	1.2	3.9	10.4	1.1	2.0	4.20	20.8	1.1	2.2	8.7	23.0	1.6	3.9	10	38
Peak Current (A) Amps	40	20	10	5	40	20	10	5	40	20	10	5	40	20	10	5
Cont. Current (A) Amps	6	3.8	2.4	1.3	6	3.7	2.4	1.3	6	3.5	2.3	1.3	6	3.4	2.3	1.3

VALUES AS LISTED ARE TEST CONDITIONS, ACTUAL RESULTS MAY VARY

▼ C26 Series Options

- Optical Encoders
- Tachometers, Brakes and Gearbox
- Application Specific Windings and Mechanical designs
- Custom Cables and Connectors
- IP65 Sealing
- For more options, see magmotor.com custom solutions, or call us.

▼ Typical Applications

- Semiconductor Equipment
- Automated Insertion Machines
- Linear Actuators
- Labeling Machines
- Test & Inspection Equipment
- Automated Assembly Equipment

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