



### 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 <sub>p</sub> ) OZ-IN	CONT. STALL TORQUE (T <sub>c</sub> ) OZ-IN	ROTOR INERTIA (J <sub>m</sub> ) OZ-IN-SEC <sup>2</sup>	FRICTION TORQUE (T <sub>f</sub> ) 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
<b>Torque Constant (Kt)</b> 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
<b>Voltage Constant (Ke)</b> 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
<b>Term. Resistance (Rt)</b> 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
<b>Peak Current (A)</b> Amps	40	20	10	5	40	20	10	5	40	20	10	5	40	20	10	5
<b>Cont. Current (A)</b> 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](http://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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