Magmotor™
A US Hybrid Company

95-176 oz-in Continuous Torque

Key Performance Features:

- Economical 2-Pole Design
- Skewed and Balanced Armatures
- Encoder Ready
- Round or Optional NEMA 34 Mounting
- 12-150 VDC Available

C32 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
C32	-- 200	500	95	0.032	6	3.1	4000	155	105	7.3
C32	-- 300	560	130	0.044	7	2.4	4000	155	160	8.5
C32	-- 400	880	176	0.056	8	2.0	4000	155	225	9.3

Sample Windings

CONSULT MAGMOTOR APPLICATION STAFF FOR OTHER AVAILABLE WINDINGS

	C32 -- 200				C32 -- 300				C32 -- 400			
	B	D	F	H	A	C	E	H	B	D	F	H
Torque Constant (Kt) oz-in/amp	20.9	29.8	52.1	82.7	21.6	32.5	58.6	110	34.6	54.8	87.0	138
Voltage Constant (Ke) Volts/Krpm	15.5	22.0	38.5	61.1	16.0	24.0	43.3	81.6	25.6	40.6	64.5	102
Term. Resistance (Rt) Ohms (cold)	1.0	2.4	5.3	12.0	0.9	1.8	4.5	16.0	1.2	3.2	7.5	18.7
Peak Current (A) Amps	28	17	11	9	28	17	11	9	28	17	11	9
Cont. Current (A) Amps	5.7	3.6	2.3	1.5	5.7	3.6	2.3	1.5	5.7	3.6	2.3	1.5

Magmotor Fact

Magmotor Motors are Specifically Engineered for Demanding Industrial OEM Applications

VALUES AS LISTED ARE TEST CONDITIONS, ACTUAL RESULTS MAY VARY

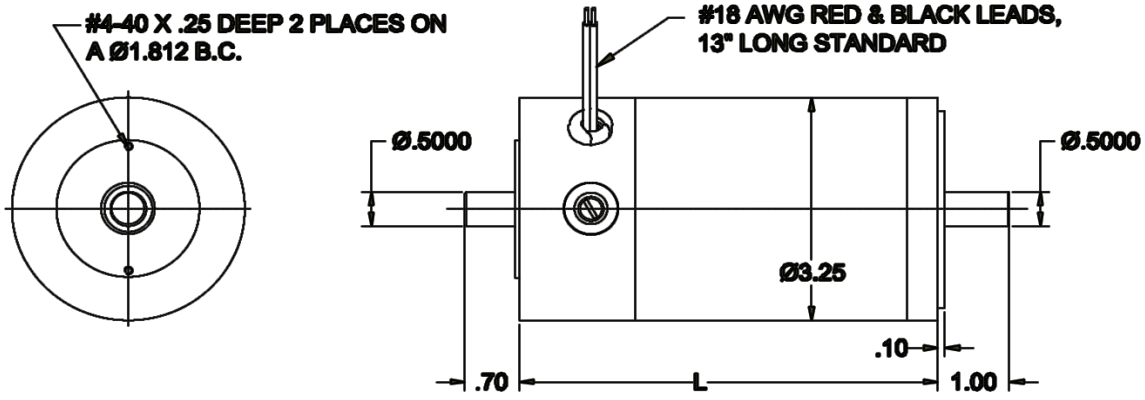
C32 Series Options

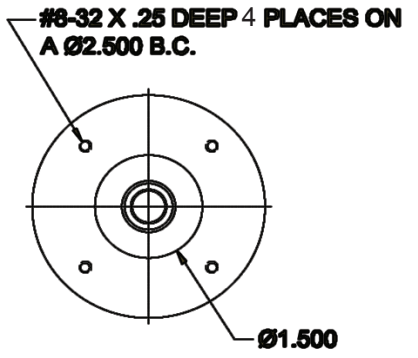
- Optical Encoders
- Tachometers, Brakes and Gearbox
- Application Specific Windings and Mechanical designs
- IP 65 Sealing
- Custom Cables and Connectors
- For more options, see magmotor.com custom solutions, or call us.

Typical Applications

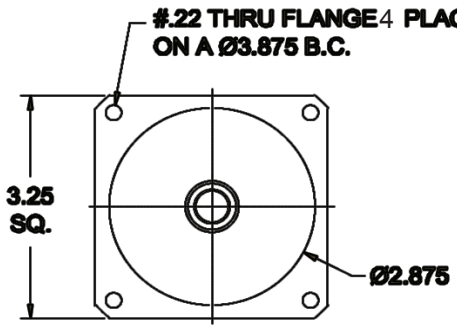
- Semiconductior Equipment
- Medical Equipment
- Component Insertion Machines
- Linear Actuators
- Labeling Machines
- Automated Assembly Machines

Magmotor™
A US Hybrid Company





STANDARD
ROUND FACE MOUNT



NEMA 34
FLANGE MOUNT