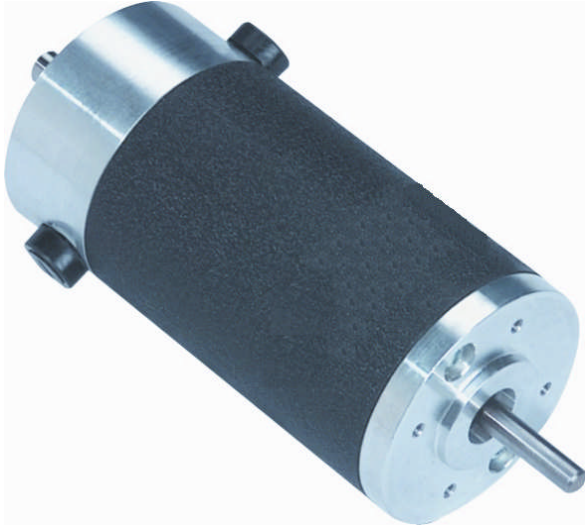


CM Technology



Key Performance Features:

- 32 to 75 oz-in Continuous Torque
- 12-120 VDC Typical
- Economical 2 Pole Design
- Dynamically Balanced Armatures
- Stainless Steel Shaft
- Round or Optional NEMA 23 Flange Mounting
- RoHS Compliant

BR232

Brushed Servo Motors

Motor Characteristics:

Frame Size	Stack Length	Peak Stall	Cont. Stall	Rotor	Friction	Thermal	Max	Max	Power	Weight
		Torque (T _P) oz-in	Torque (T _c) oz-in	Inertia (J _m) oz-in-sec ²	Torque (T _F) oz-in	Resistance (R _M) °C/watt	Rated Speed rpm	Winding Temp. °C	Rating watts	pounds
BR232 -175		180	32	0.046	2.0	4.9	4,500	155	48	2.3
BR232 -230		280	43	0.006	2.5	4.4	4,500	155	66	2.7
BR232 -300		350	53	0.008	3.0	3.8	4,500	155	77	3.2
BR232 -400		420	75	0.011	3.5	2.9	4,500	155	98	4.8

Sample Windings:

Consult CM Tech Application Staff for other available windings

Frame Size	BR232 -175				BR232 - 230				BR232-300				BR232 - 400			
	B	E	H	K	B	E	H	K	B	E	H	K	B	E	H	K
Torque Constant (kt) Oz-in/amp	4.8	10.1	19.7	39.5	6.1	12.6	24.8	49.5	7.9	16.4	32.1	64.1	9.7	20.3	39.8	79.5
Voltage Constant (ke) Volts/Krpm	3.6	7.5	14.6	29.2	4.5	9.3	18.3	36.6	5.8	12.1	23.7	47.4	7.2	15.0	28.4	58.8
Term. Resistance (Rt) Ohms (cold)	0.4	1.3	4.6	21.0	0.4	1.6	5.4	24.0	0.6	1.75	6.6	26.0	1.27	2.4	12.5	30.5
Peak Current (A) Amps	40	20	10	5	40	20	10	5	40	20	10	5	40	20	10	5
Cont.. Current (A) Amps	7.1	3.4	1.8	1.0	7.1	3.4	1.8	1.0	7.1	3.4	1.8	1.0	7.1	3.4	1.8	1.0

Values as listed based on actual tested results, Application test results may vary, Subject to change

For more options or assistance contact CM Technology with your application needs
Phone (978) 664-6218 • Fax (978) 664-6219 • E-mail: sales@cmtechllc.com

BR232 Optional Features:

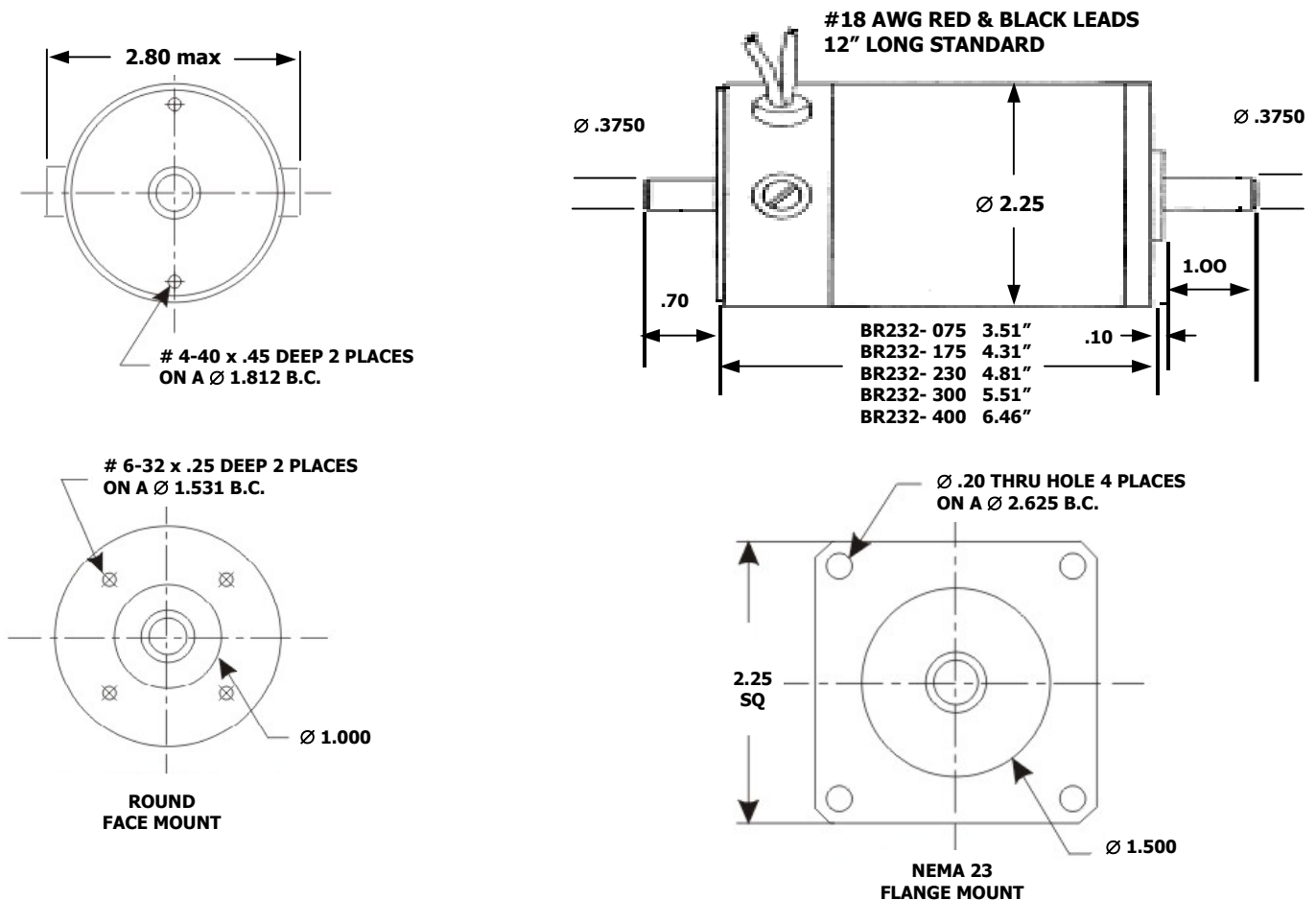
- Customized Feed Back
Encoders, Tachometers, Resolvers
- Gearbox and Brakes
- NEMA 23 Flange Mounting
- IP 65 Sealing
- Application Specific Windings
- Custom Mechanical and Packaging Design
and Harnessing

Typical Applications

- Machine Tools and Accessories
- Electric Vehicles
- Robotics
- Factory Automation
- Material Handling
- Medical & Pharmaceutical Equipment

Contact CM Technology for your customized application solutions

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