

# BDD-20-32 Series - Brush Motors



## FEATURES

- **DC Brush Motor**
- **Designed for high volume applications**
- **Up to 0.72 oz-in of torque**
- **20 mm diameter**
- **Custom versions are available**



## DESCRIPTION

Anaheim Automation's DC motors provide a cost effective solution for your application. The BDD-20-32 can be used anywhere from robotics to medical applications. The BDD-20-32 has strong permanent magnets to provide the torque you need. The BDD-20-32 can provide up to 0.72 oz-in of torque. Cooling vents on the motor casing are placed optimally for internal cooling of the motor. For custom voltage, windings, and cables please contact the factory.

## SPECIFICATIONS

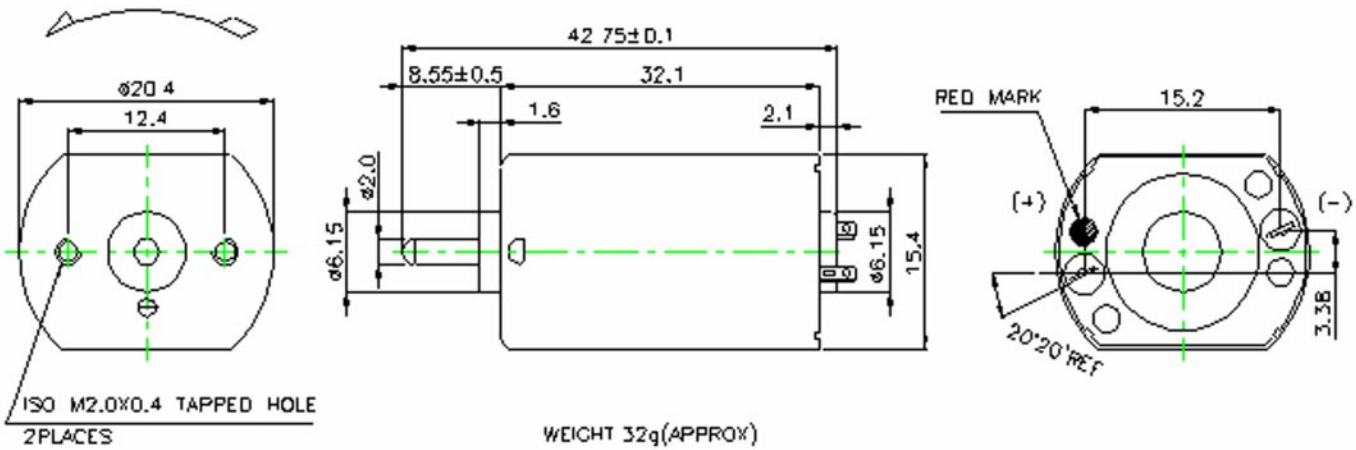
Model #	Nominal Voltage (V)	No Load Speed (RPM)	No Load Current (A)	Max Speed (RPM)	Max Current (A)	Max Torque (oz-in)	Max Output (Watts)	Efficiency (%)	Stall Torque (oz-in)
BDD-20-32-1.2V-6503	1.2	6503	0.22	5384	1.06	0.49	0.76	59.7	2.82
BDD-20-32-1.2V-8300	1.2	8300	0.30	6900	1.60	0.53	1.06	55.0	3.74
BDD-20-32-1.2V-9400	1.2	9400	0.40	8000	1.80	0.53	1.23	57.0	3.77
BDD-20-32-2.4V-7700	2.4	7700	0.13	6400	0.70	0.53	0.98	58.6	3.77
BDD-20-32-2.4V-8300	2.4	8300	0.16	6900	0.85	0.63	1.27	62.4	4.09
BDD-20-32-3.0V-6000	3.0	6000	0.08	5070	0.44	0.55	0.81	61.6	3.53
BDD-20-32-3.0V-8000	3.0	8000	0.12	6875	0.73	0.72	1.44	65.5	5.15

*Notes: Custom leadwires, cables, connectors, and windings are available upon request.*

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DIRECTION OF ROTATION

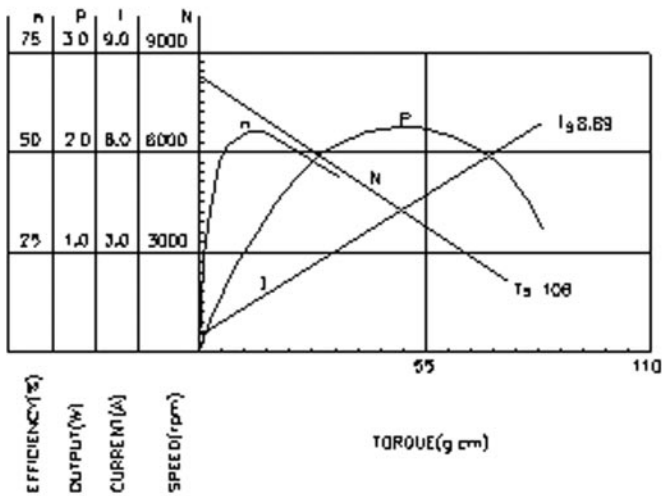
UNIT: MILLIMETERS



DIMENSIONS

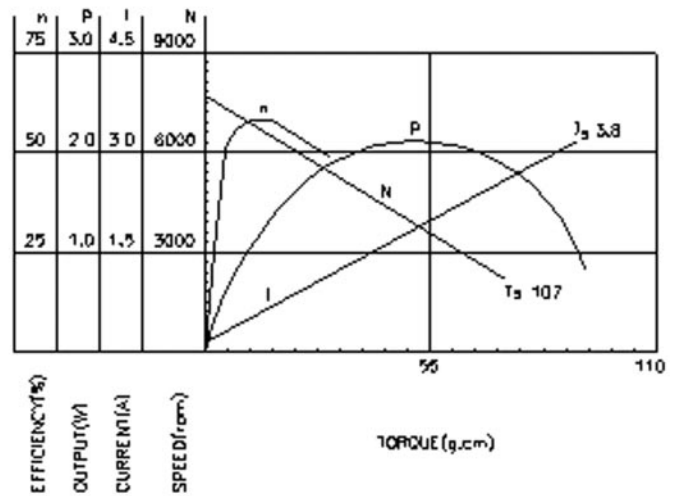
BDD-20-32-1.2V-8300

1.2V



BDD-20-32-2.4V-7700

2.4V



TORQUE CURVES