

BODINE**ELECTRIC****COMPANY****Contact Us:**

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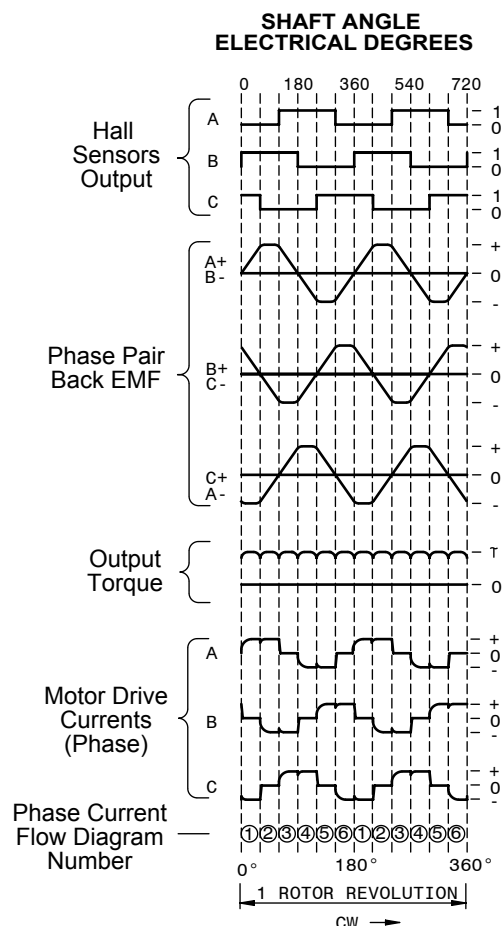
CONNECTION DIAGRAM 07410825

Brushless DC Motors & Gearmotors (120° Commutation Scheme)

Motor/Commutation Connections		
Device	Lead Wire	Connector
Motor		Pin#
Phase "A"	Brown	Brown
Phase "B"	Red	Red
Phase "C"	Orange	Orange
Motor Frame	Green-Yellow	Green-Yellow
Commutation		
Hall "C" *	Green	3
Hall "B" *	White	4
Hall "A" *	Brown	5
Shield/Drain	Black	1
Hall "-"	Black	2
Hall "+" (4.5-24V)	Red	6

* Open Collector Output, Max Output Voltage 24VDC, Max sink Current 5mA

Motors are supplied with 6 pin In-Line Logic Connector (Molex#22-01-3067 or Similar) and Power Leads with 1/4" Quick Disconnect Receptacles (AMP#640902-1 or similar)



(Viewed from driveshaft end.
No gearing, right angle, planetary,
or even number of parallel gear
stages.)

PHASE CURRENT FLOW

