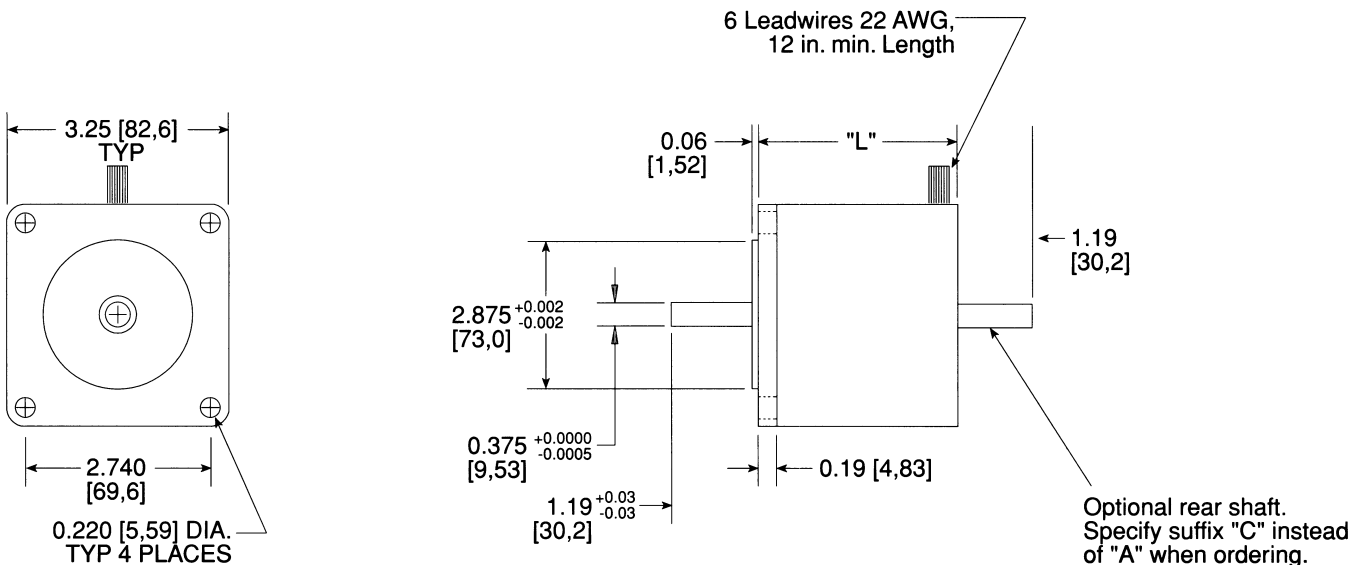


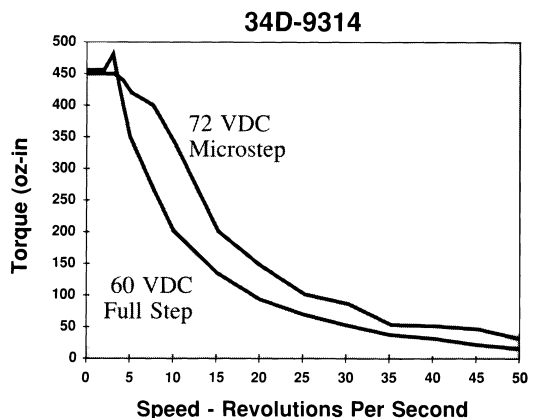
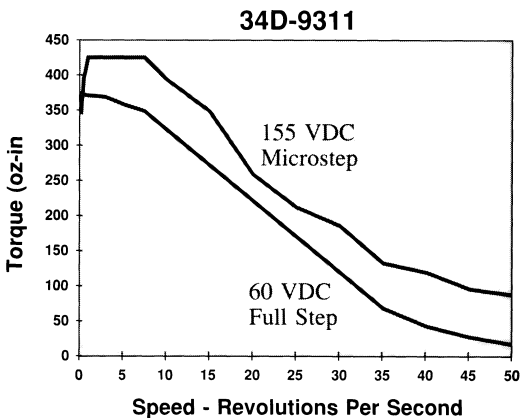
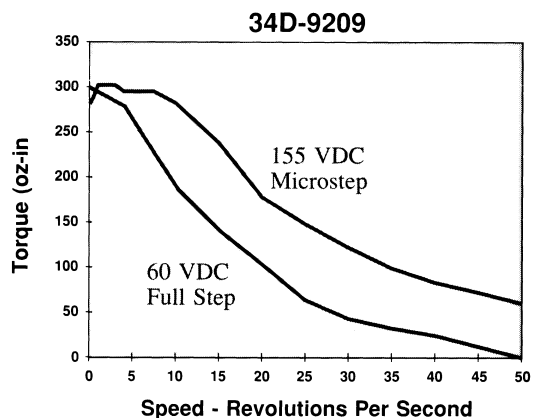
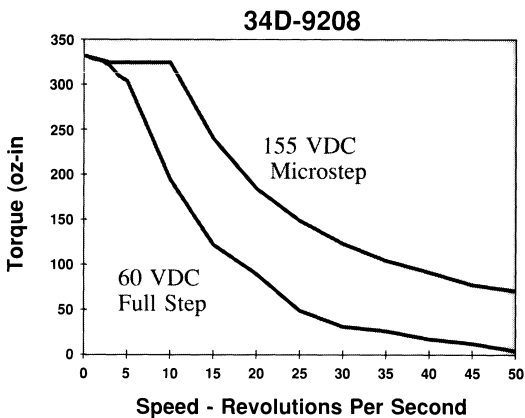
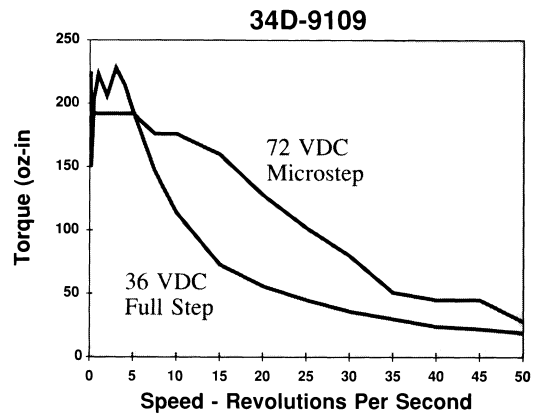
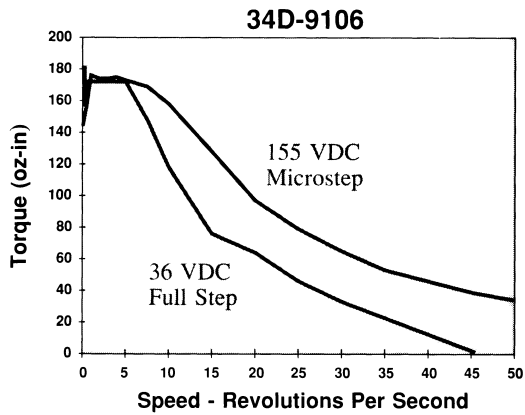
SIZE 34 BASIC MOTOR MODELS AND SPECIFICATIONS

BASIC MODELS	STATIC TORQUE oz-in (N-m)	RATED CURRENT (AMPS)	RATED VOLTAGE (VDC)	RESISTANCE PER PHASE (OHMS)	INDUCTANCE PER PHASE (mH)	ROTOR INERTIA oz-in ² (Kg-cm ²)	"L" in (mm)	WEIGHT lbs (Kg)
34D-9106A	150 (1.05)	3.00	2.90	0.95	3.20	3.52 (0.64)	2.54 (66)	3.00 (1.36)
34D-9109A	150 (1.05)	4.80	1.90	0.39	1.20	3.52 (0.64)	2.54 (66)	3.00 (1.36)
34D-9208A	300 (2.11)	4.00	3.00	0.75	3.30	6.56 (1.19)	3.70 (94)	5.00 (2.27)
34D-9209A	300 (2.11)	4.60	2.50	0.55	2.00	6.56 (1.19)	3.70 (94)	5.00 (2.27)
34D-9212A	300 (2.11)	1.50	8.00	5.30	22.00	6.56 (1.19)	3.70 (94)	5.00 (2.27)
34D-9307A	450 (3.17)	3.50	4.50	1.20	5.40	10.11 (1.84)	5.31 (135)	8.00 (3.63)
34D-9311A	450 (3.17)	5.50	2.90	0.52	2.90	10.11 (1.84)	5.31 (135)	8.00 (3.63)
34D-9314A	450 (3.17)	7.00	2.90	0.31	1.70	10.11 (1.84)	5.31 (135)	8.00 (3.63)

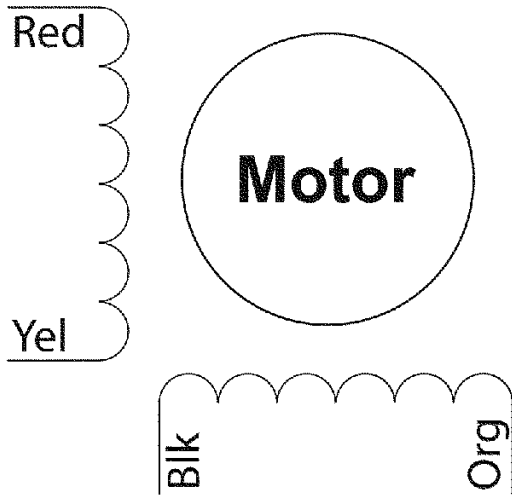


SIZE 34 SPEED/TORQUE CURVES

All motors connected in series with driver voltage, and step mode as noted in each curve.

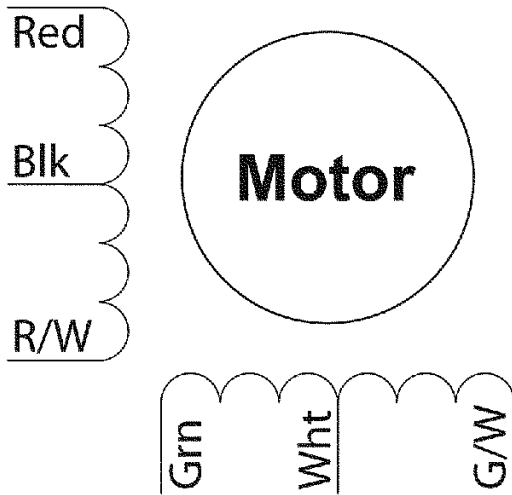


FOUR LEAD MOTORS



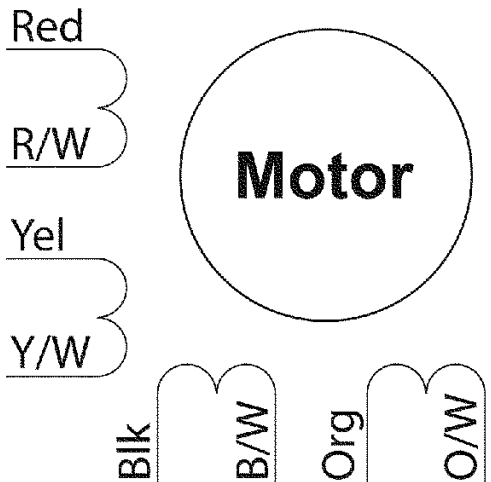
Wire Color	Drive Connection
Orange	A+
Black	A-
Red	B+
Yellow	B-
Bipolar Drive Connections	

SIX LEAD MOTORS



Wire Color	Drive Connection
Grn / Wht	A+
White	A Common
Green	A-
Red	B+
Black	B Common
Red / Wht	B-
Bipolar & Unipolar Series Connections	

EIGHT LEAD MOTORS



Wire Color	Drive Connection
Orange	A+
Org / Wht	A Common
Blk / Wht	
Black	A-
Red	B+
Red / Wht	B Common
Yel / Wht	
Yellow	B-
Bipolar or Unipolar Drive Series Connections	

Wire Color	Drive Connection
Orange	A+
Blk / Wht	
Org / Wht	A-
Black	
Red	B+
Yel / Wht	
Red / Wht	B-
Yellow	
Bipolar Drive Parallel Connections	