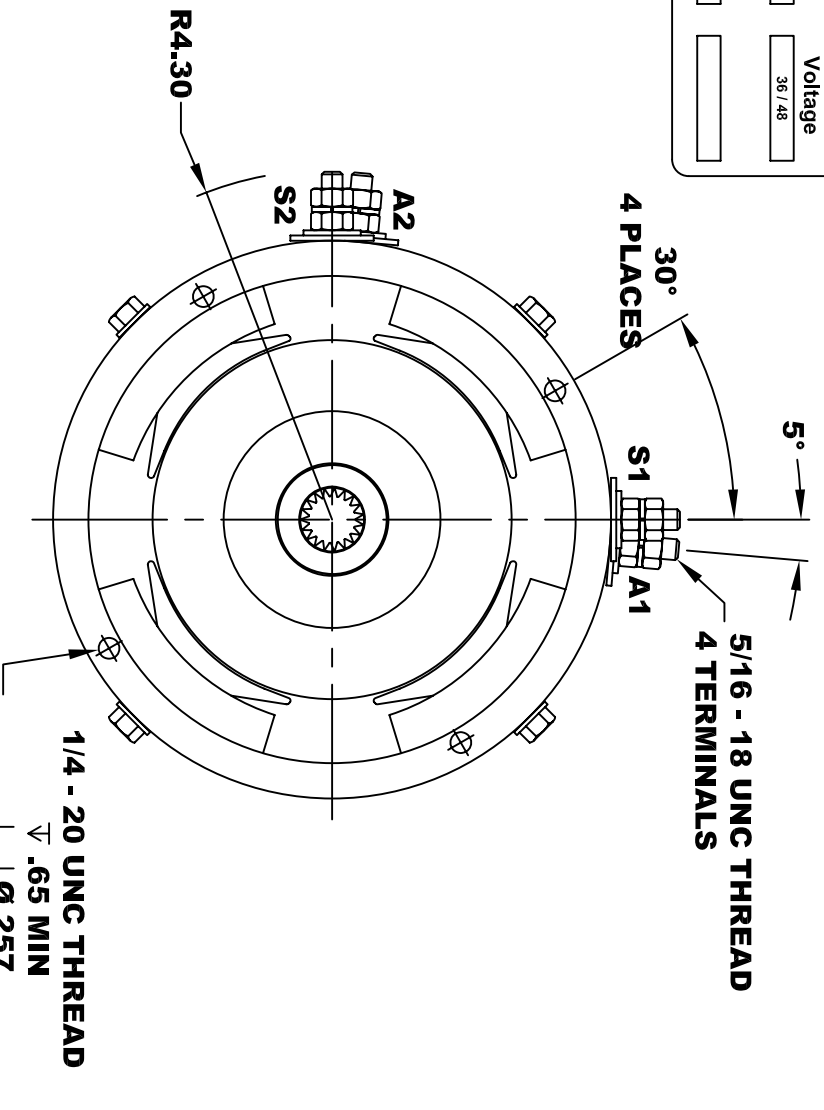


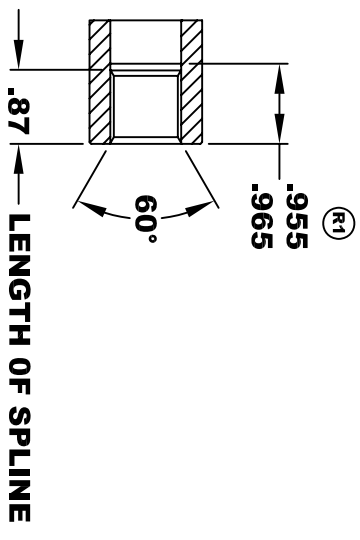
D&D MOTOR SYSTEMS INC.		A2		A1	
S2		Model # ES-5-9		S1	
Mfg. Date	Serial #	Rating	Voltage		
XX/XX/XX	XXXX	CLASS -H	36 / 48		
MADE IN U.S.A.					



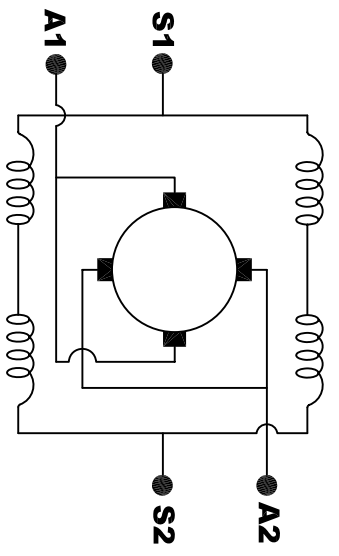
**TORQUE SPECIFICATION FOR
POWER CABLE SECURING TOP NUTS**
5/16-18 UNC - 110 IN / LBS MAX

**INTERNAL INVOLUTE SPLINE SPECIFICATION
CLASS 5 FILLET ROOT SIDE FIT (PER A.N.S.I. B92.1)**

- NO. OF TEETH _____ 19
- SPLINE PITCH _____ 24 / 48
- PRESSURE ANGLE _____ 45°
- BASE Ø _____ .5597 REF
- PITCH Ø _____ .7916 REF
- MAJOR Ø _____ .850 - .859
- FORM Ø _____ .835
- MINOR Ø _____ .767 - .772
- CIRCULAR SPACE WIDTH _____ .0764
- EFFECTIVE SPACE WIDTH _____ .0738
- MAX. DIMENSION BETWEEN _____
- TWO PINS _____ .6714
- PIN Ø _____ .0800
- SPLINE HARDNESS TO BE R/C 26-34



MOTOR WEIGHT 57 LBS
CLASS "H" INSULATION
PERFORMANCE SPEC: 9



ELECTRICAL WIRING DIAGRAM

THIS PRINT IS THE PROPERTY OF D&D MOTOR SYSTEMS INC.
DO NOT SCALE
WORK TO DIMENSIONS
TOLERANCES UNLESS OTHERWISE SPECIFIED ARE AS FOLLOWS

.XX	_____	.01
.XXX	_____	.005
.XX	ROUGH CASTING	.03
HOLES	_____	-.001 / +.006
ANGLES	_____	0°30"

MOTOR WIRING CONNECTIONS:
CW ROTATION DRIVE END
CONNECT S2 & A1 TOGETHER
CONNECT S1 TO BATTERY TERMINAL
CONNECT A2 TO OTHER BATTERY TERMINAL
CCW ROTATION DRIVE END
SWITCH S1 & S2 CONNECTIONS

D & D MOTOR SYSTEMS INC

MOTOR OUTLINE

SIZE	DRAWN DATE	RELEASE DATE	DWG NO. / PART NO.	REV
B	5-19-04		ES-5-9	R2
SCALE	STF	DRAWN BY	MJG	REV DATE
				3-12-08