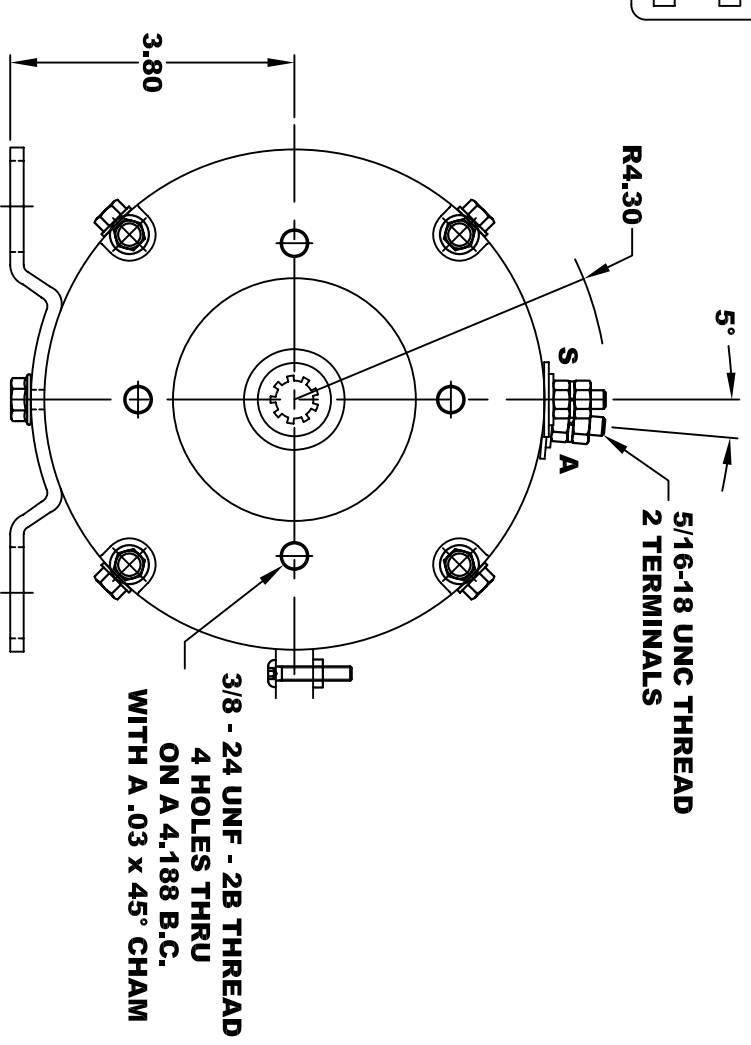
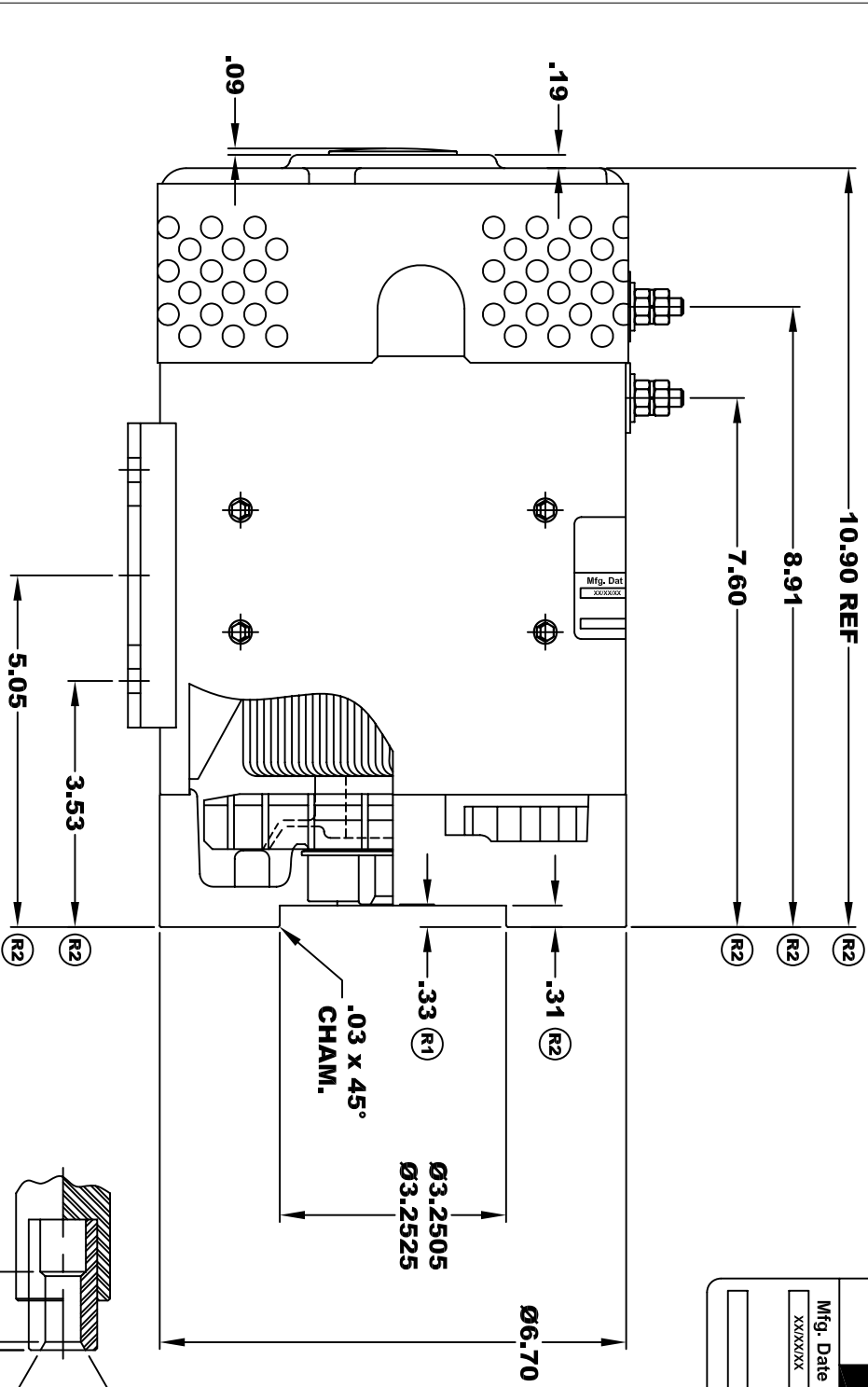


<b>D&amp;D MOTOR SYSTEMS INC.</b>			
<b>SYRACUSE N.Y.</b>			
<b>Model # ES-149-79</b>			
Mfg. Date	Serial #	Rating	Voltage
XXXX/XX	XXXX	CLASS H	XXXX
MADE IN U.S.A.			

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



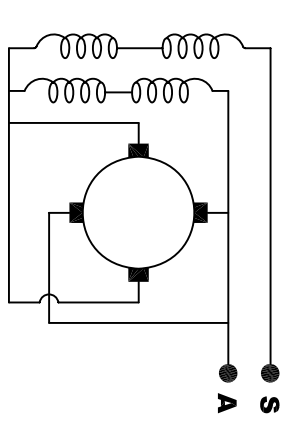
**SPLINE HARDNESS**  
R/C 46 - 52

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

- NO. OF TEETH \_\_\_\_\_ 9
- SPLINE PITCH \_\_\_\_\_ 16 / 32
- PRESSURE ANGLE \_\_\_\_\_ 30°
- BASE Ø \_\_\_\_\_ .4871 REF
- PITCH Ø \_\_\_\_\_ .5625 REF
- MAJOR Ø \_\_\_\_\_ .651
- FORM Ø \_\_\_\_\_ .629
- MINOR Ø \_\_\_\_\_ .509 - .514

⊙	.010	A
L	.010	B

- CIRCULAR SPACE WIDTH
- MAX ACTUAL \_\_\_\_\_ .1008
- MIN EFFECTIVE \_\_\_\_\_ .0982
- MAX DIMENSION BETWEEN
- TWO PINS \_\_\_\_\_ .3972
- PIN Ø \_\_\_\_\_ .1080



**ELECTRICAL WIRING DIAGRAM**

**MOTOR WEIGHT: 53 LBS**  
**CLASS "H" INSULATION**  
**PERFORMANCE SPEC: 79**

**MOTOR WIRING CONNECTIONS:**  
**CCW ROTATION DRIVE END**  
**CONNECT ONE POWER CABLE TO TERMINAL A**  
**CONNECT THE OTHER POWER CABLE TO TERMINAL S**

**D & D MOTOR SYSTEMS INC**

**MOTOR OUTLINE**

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°

SIZE	DRAWN DATE	RELEASE DATE	DWG NO. / PART NO.	REV
B	3-9-10		ES-149-79	R2
SCALE	STF	DRAWN BY	MJG	REV DATE
				2-17-16