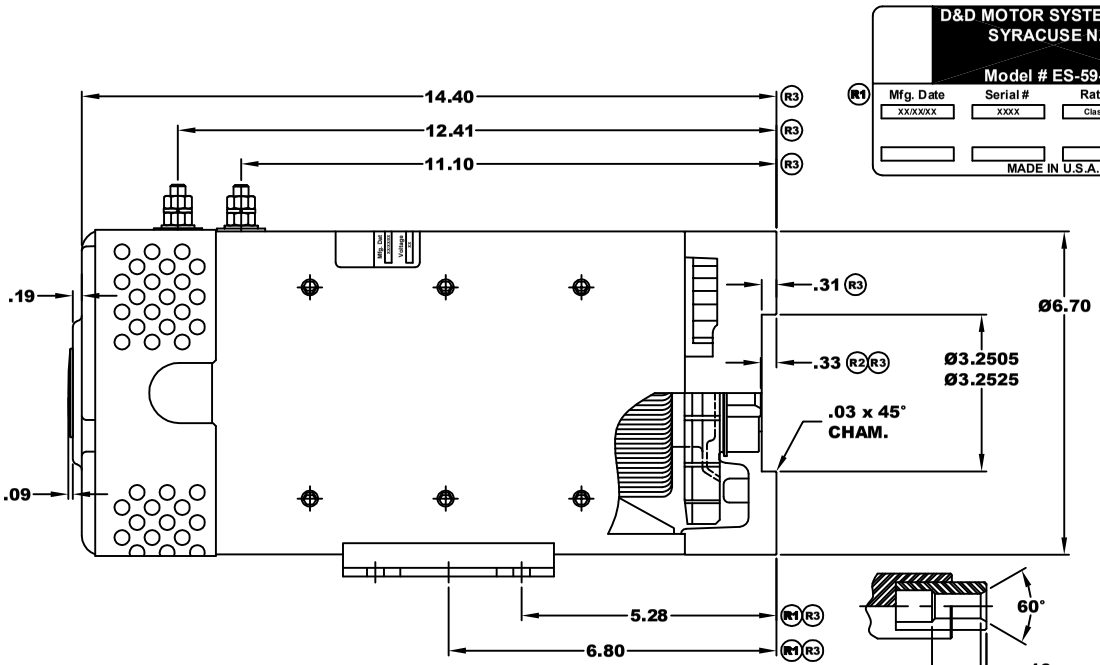
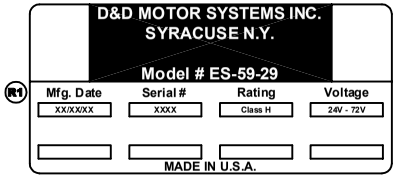
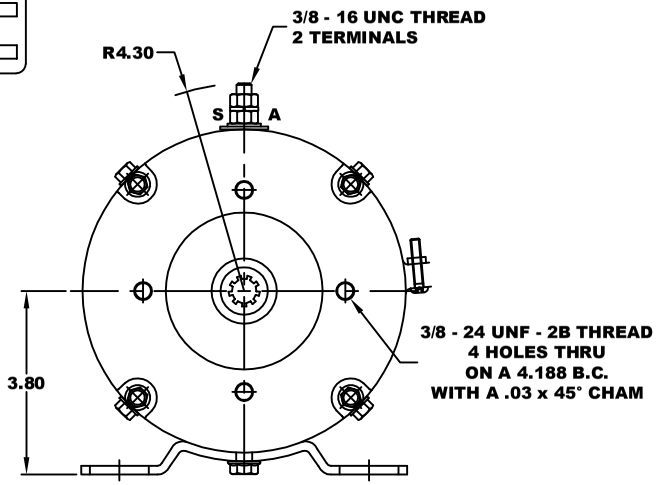
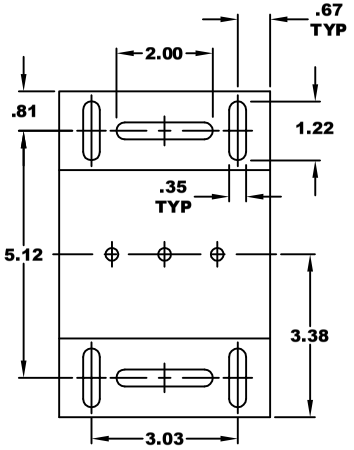




TORQUE SPECIFICATION FOR
POWER CABLE SECURING TOP NUTS
3/8 - 16 UNC - 140 IN / LBS MAX



SPLINE HARDNESS
R/C 46 - 52



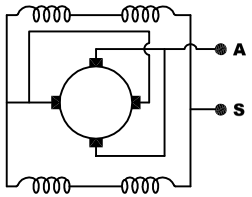
INTERNAL INVOLUTE SPLINE SPECIFICATION
FLAT ROOT SIDE FIT (PER A.N.S.I. B92.1 CLASS 5)

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
⊥	.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: XX LBS
CLASS "H" INSULATION
PERFORMANCE SPEC: 29

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

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"

D & D MOTOR SYSTEMS INC

MOTOR OUTLINE

SIZE	DRAWN DATE	RELEASE DATE	DWG NO. / PART NO.	REV
B	08-08-23		ES-59-29	

SCALE	DRAWN BY		REV DATE
STF	AGD		