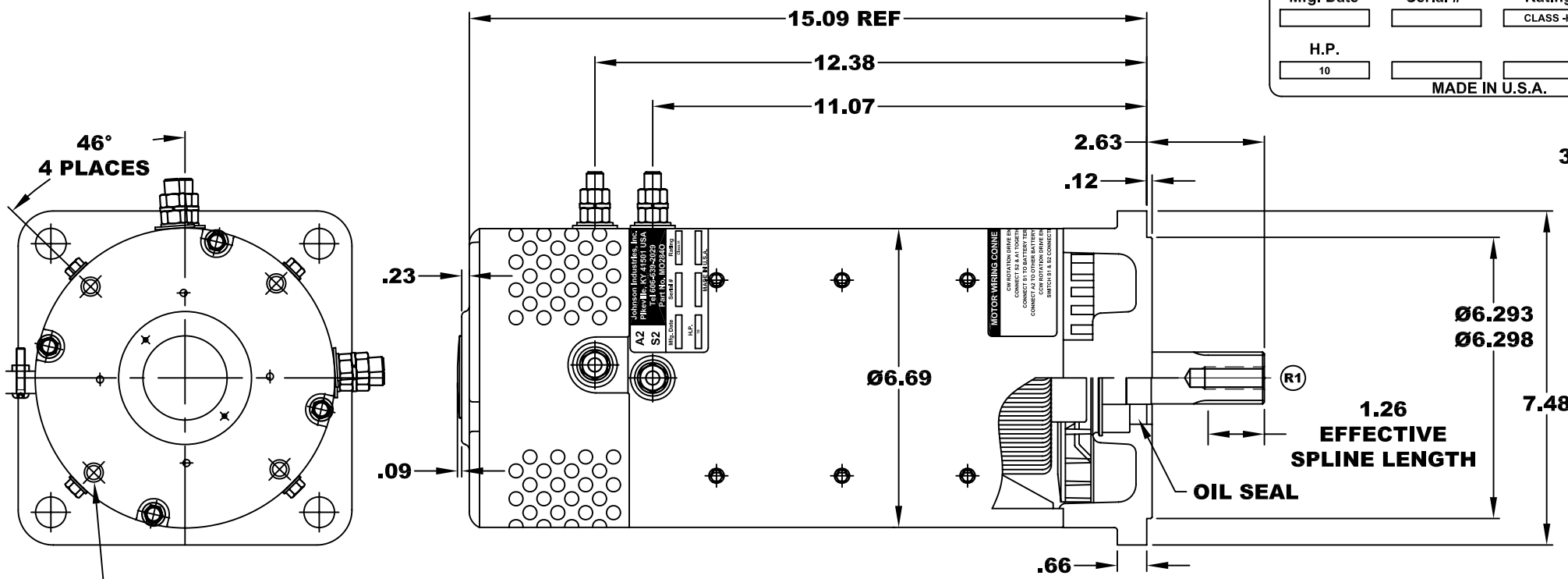
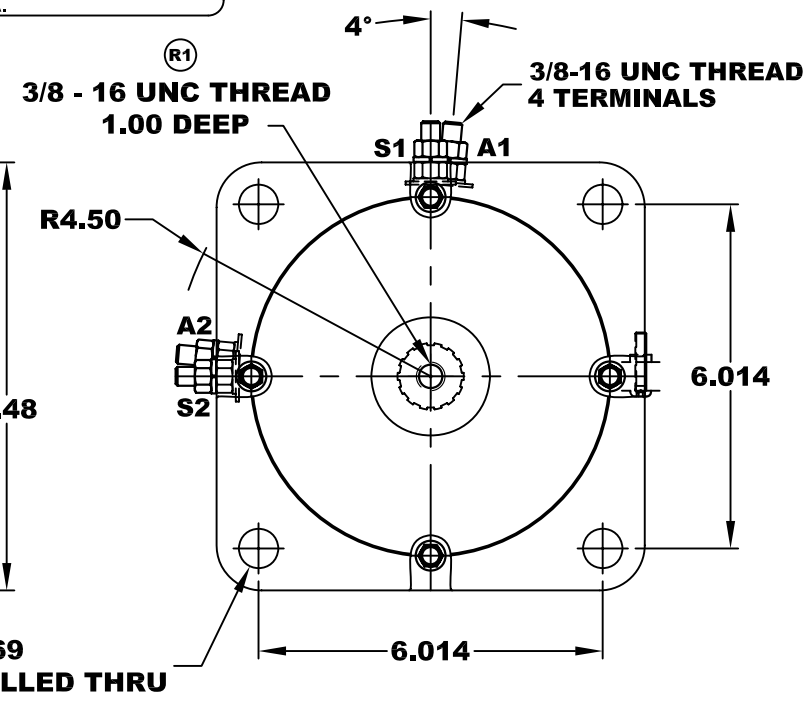


A2 / S2	Johnson Industries, Inc. Pikeville, KY 41501 USA Tel 606-639-2029 Part No. MO284O	A1 / S1

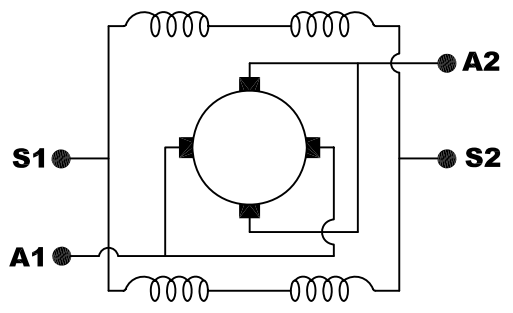
Mfg. Date	Serial #	Rating	Voltage
		CLASS -H	72
H.P.			**Model #**
10			170 - 015 - 0003

MADE IN U.S.A.

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



EXTERNAL INVOLUTE SPLINE DATA TO DIN5480	
SPLINE DESIGNATION	W30x2x14x9g
TYPE OF FIT	SIDE FIT
NUMBER OF TEETH	14
MODULE	2
PRESSURE ANGLE	30°
MAJOR DIAMETER (h11)	1.160 - 1.165
MINOR DIAMETER (h14)	.988 - 1.007
MEASURING PIN	.1574
DIMENSION OVER PINS	1.3620 - 1.3595
TOOTH THICKNESS (9g)	.1157 - .1177
REFERENCE DIAMETER	1.181
PITCH DIAMETER	1.102
BASE CIRCLE DIAMETER	.9547
FORM DIAMETER	1.021
MIN FILLET RADII	.0118
MATING PART No	G1036



ELECTRICAL WIRING DIAGRAM

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

MOTOR WEIGHT: 82 LBS
CLASS "H" INSULATION
PERFORMANCE SPEC: 16

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	4-10-03	2-7-08	170 - 015 - 0003	R1
SCALE	STF	DRAWN BY MJG	ES-77	REV DATE 4-13-10