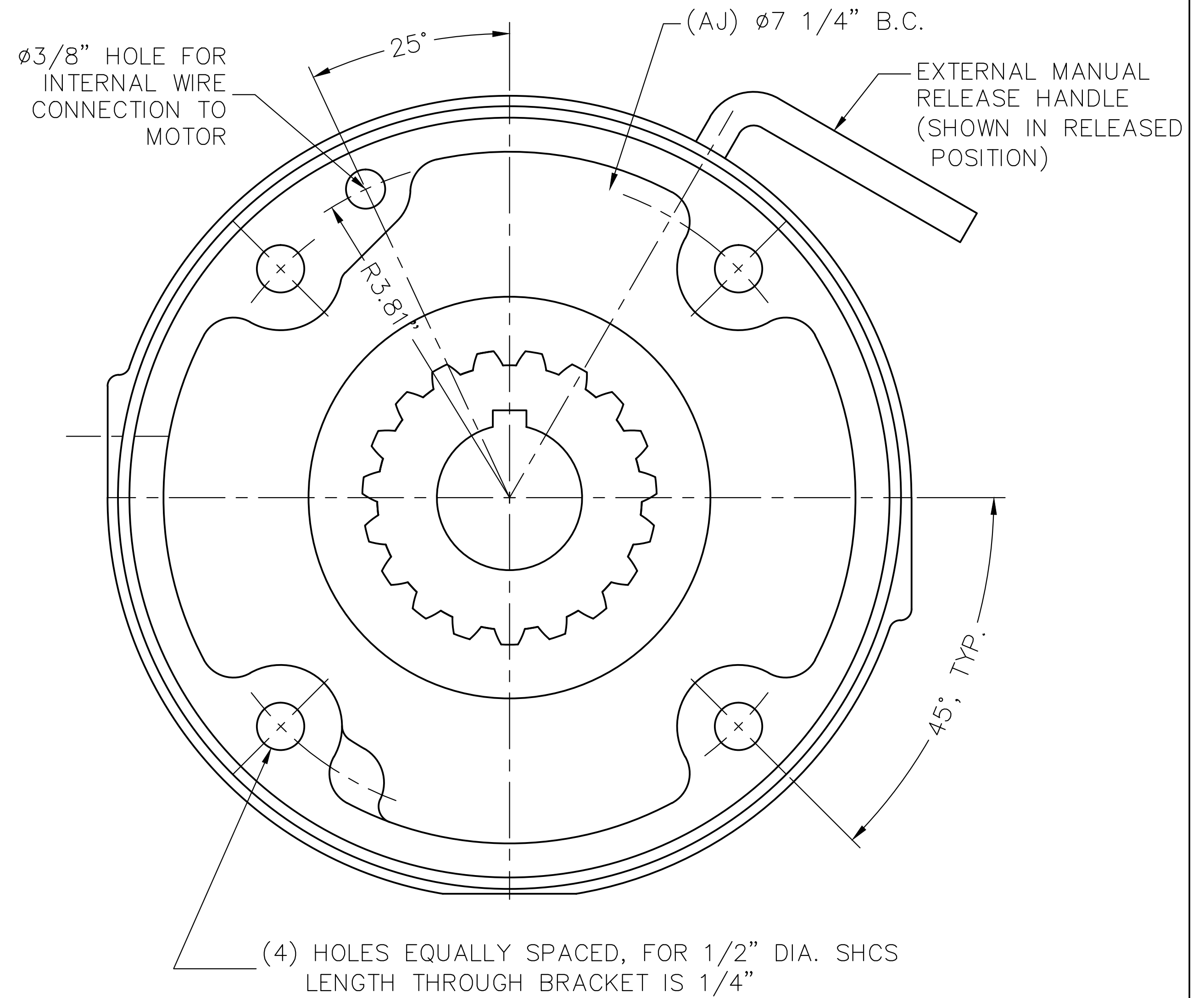
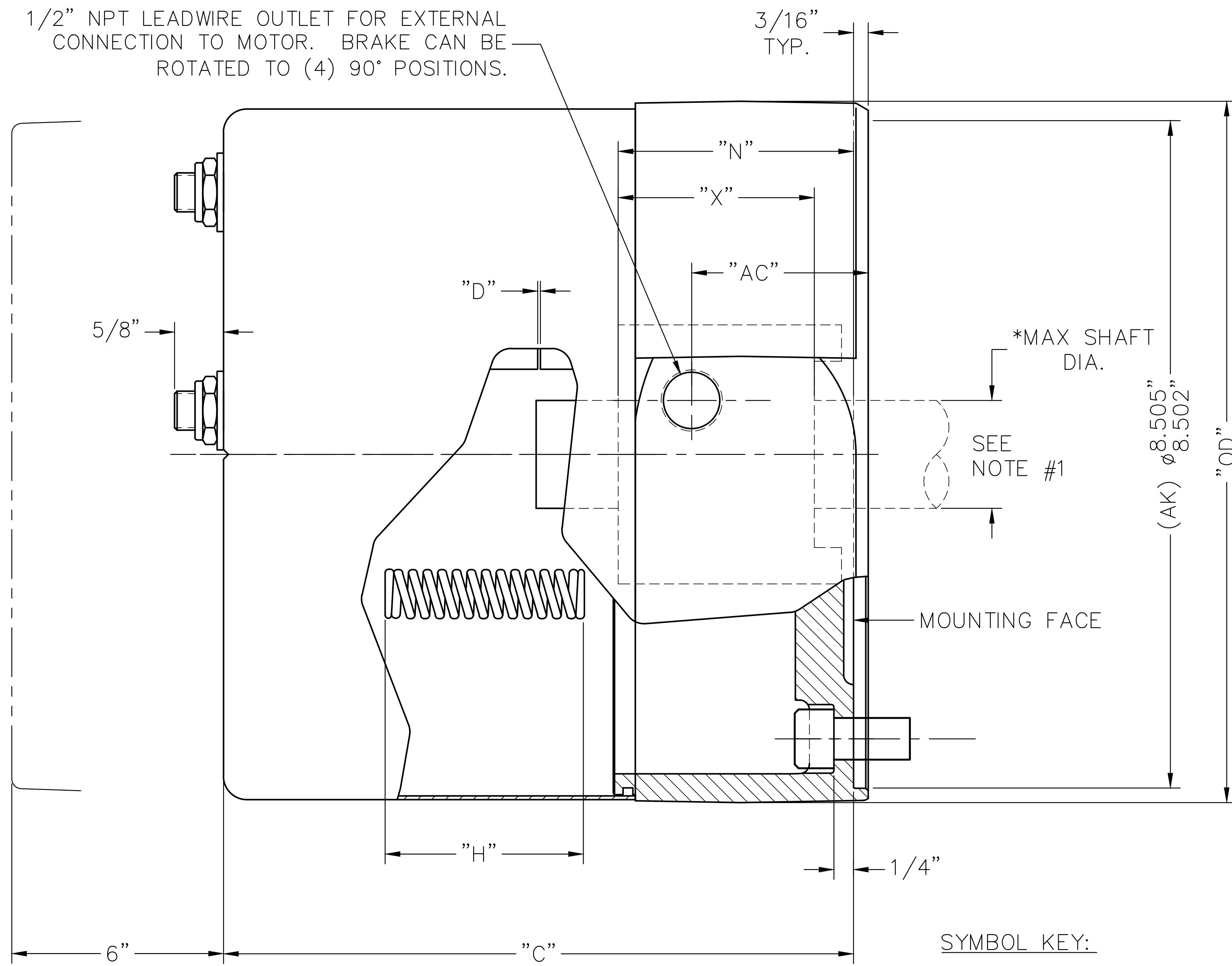


1/2" NPT LEADWIRE OUTLET FOR EXTERNAL CONNECTION TO MOTOR. BRAKE CAN BE ROTATED TO (4) 90° POSITIONS.



CLEARANCE REQUIRED TO REMOVE COVER

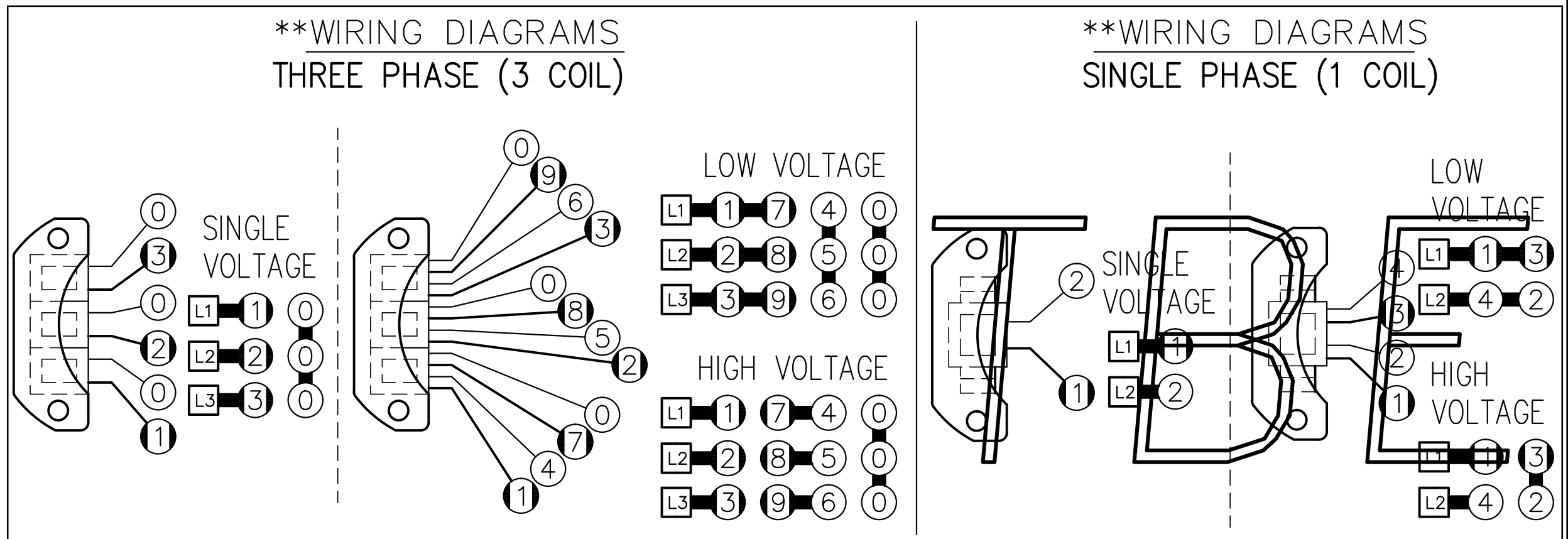
NOTE #1:
THE MAXIMUM SHAFT DIAMETER FOR THIS BRAKE IS $\phi 1-5/8$ " WITH STANDARD KEYWAY. MINIMUM (OR PILOT BORE) DIAMETER IS $\phi 3/4$ ".

SYMBOL KEY:

"C" = ENCLOSURE LENGTH
 "D" = MAGNET AIR GAP
 "H" = INSTALLED SPRING LENGTH
 "N" = HUB LOCATION DIMENSION
 "X" = OVERALL HUB/SHAFT CONTACT LENGTH
 "AC" = EXTERNAL WIRING OUTLET DIMENSION
 "OD" = OUTER DIAMETER

*** CALCULATED USING H070394-001

ENCLOSED HOUSING MODEL	TORQUE LB.FT.	No. OF ROTATING FRICTION DISCS	MAX. RPM	*** THERMAL CAPACITY HPS/MIN.	*** INERTIA WK ² LB.FT. ²	DIMENSIONS						BRACKET MATERIAL	COVER MATERIAL		
						"C"	"D" ±.005 MAX.	ORIGINAL SETTING	"H"	"N" ±1/32	"X"			"AC"	"OD"
71010-ES41	10	1	3600	****	.047	6.91	.100	.040	2.59	1.50	1.00	1.13	9.00	CAST IRON	STAMP STEEL
71015-ES41	15	1	3600	****	.047	6.91	.100	.040	2.41	1.50	1.00	1.13	9.00	CAST IRON	STAMP STEEL
72025-ES41	25	2	3600	****	.075	6.91	.100	.040	2.50	2.00	1.50	1.13	9.00	CAST IRON	STAMP STEEL
72035-ES41	35	2	3600	****	.075	6.91	.100	.040	2.34	2.00	1.50	1.13	9.00	CAST IRON	STAMP STEEL
73050-ES41	50	3	3600	****	.103	7.47	.100	.050	2.34	2.50	2.00	1.13	9.00	CAST IRON	STAMP STEEL
74075-ES41	75	4	3600	****	.130	8.03	.100	.060	2.28	3.00	2.50	1.69	9.00	CAST IRON	STAMP STEEL
74105-ES41	105	4	3600	****	.130	8.03	.100	.060	2.31	3.00	2.50	2.25	9.00	CAST IRON	STAMP STEEL
74125-ES41	125	4	3600	****	.130	8.03	.080	.060	2.19	3.00	2.50	2.25	9.00	CAST IRON	STAMP STEEL



○ BLACK LEAD ○ LIGHT COLORED LEAD
 SEQUENCE OF BLACK AND LIGHT COLORED LEADS IS IMPORTANT
 DO NOT INVERT COILS!

**SEE BULLETIN BK4772 FOR OPERATING, INSTALLATION AND PARTS INSTRUCTIONS

**** CONTACT FACTORY

TBE

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TITLE: OUTLINE DRAWING, 70 SERIES BRAKE (8700)
 IP41 (NEMA 2) (S7ES41)

TOLERANCE UNLESS OTHERWISE NOTED
 .000 ± FRACTIONS ±
 .00 ± ANGLES ±

DRN BY: DBM
 DATE: 10-16-13
 SCALE: FULL

4740 WEST ELECTRIC AVE.
 MILWAUKEE, WISCONSIN 53219 U.S.A.

DRAWING NO. L070462
 SHEET 1 OF 1

REV	CHG#	DATE	BY	REVISION