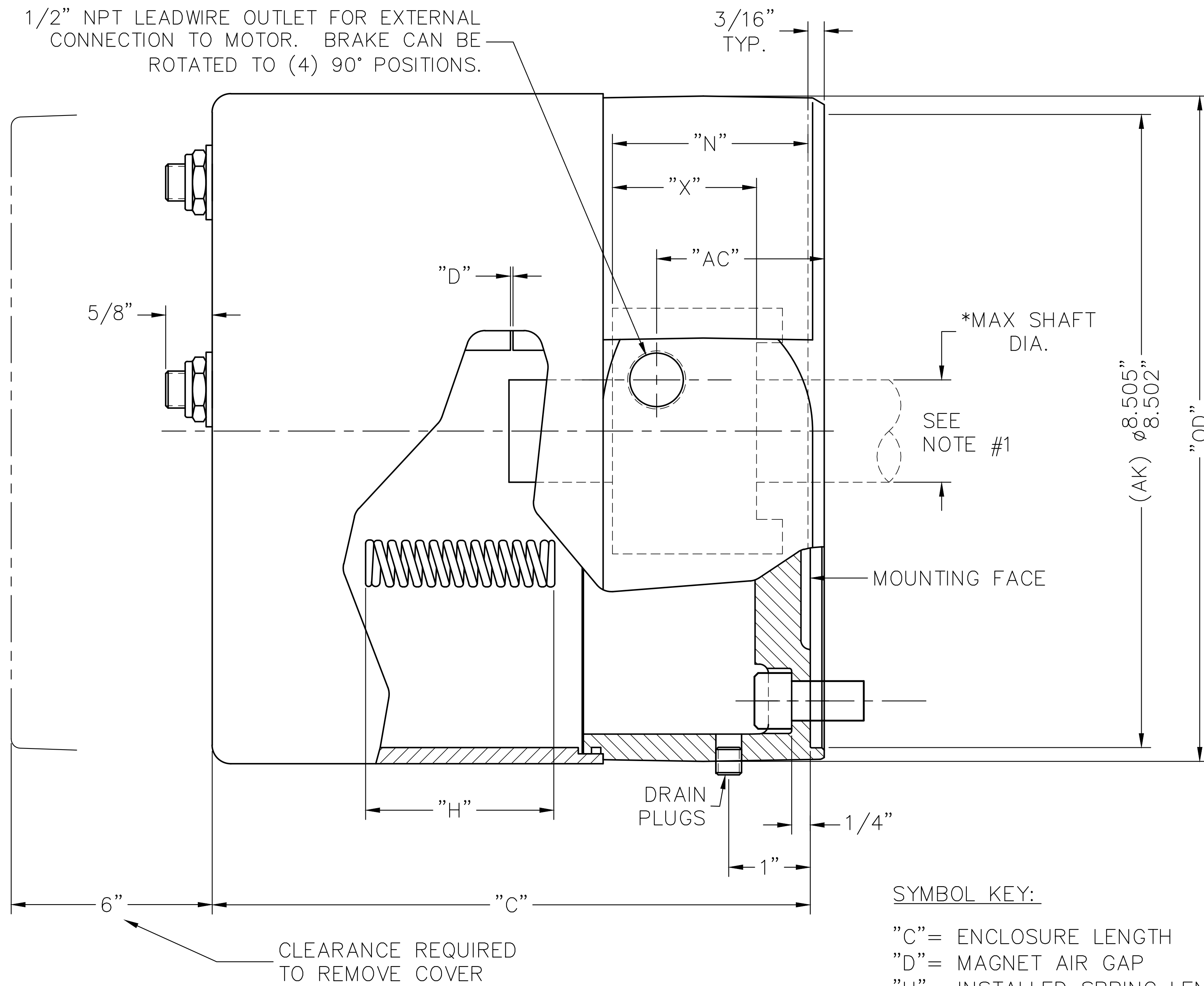


1/2" NPT LEADWIRE OUTLET FOR EXTERNAL CONNECTION TO MOTOR. BRAKE CAN BE ROTATED TO (4) 90° POSITIONS.



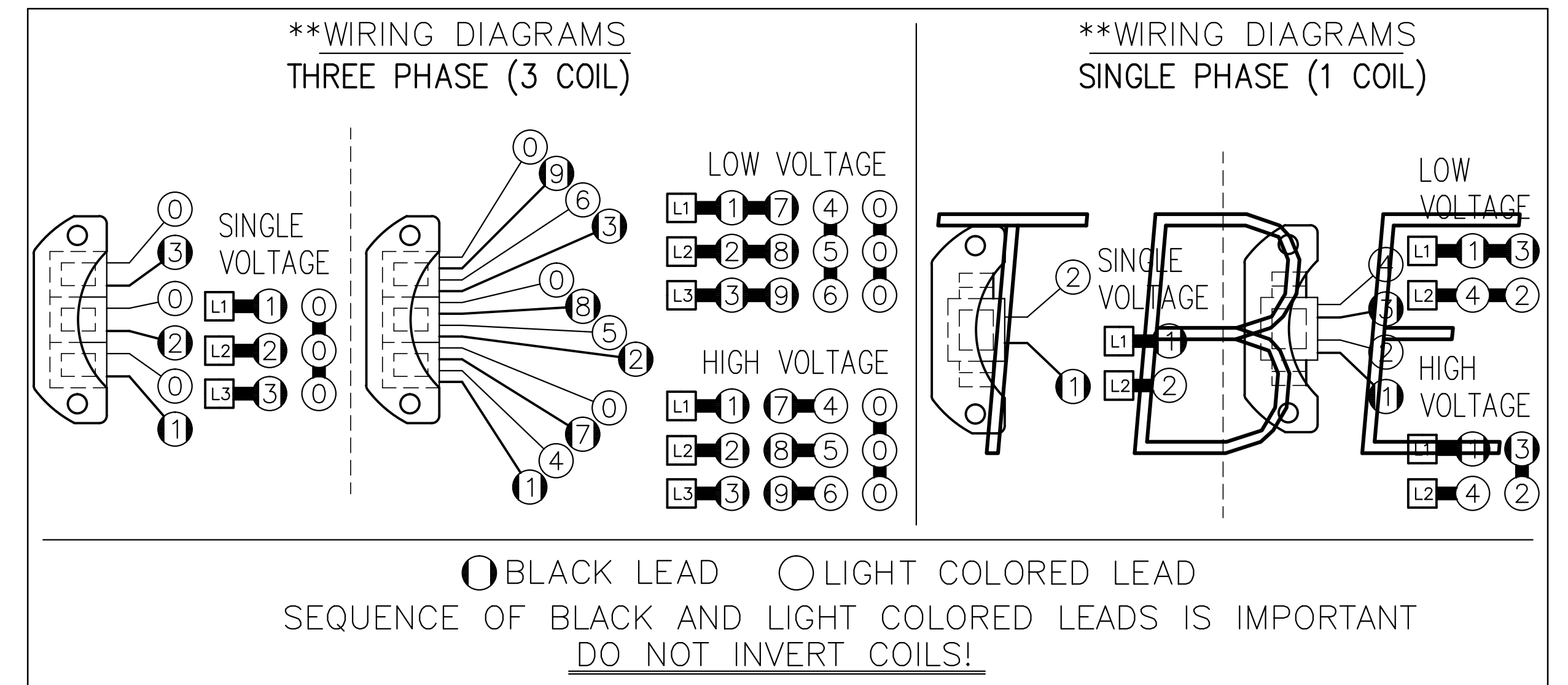
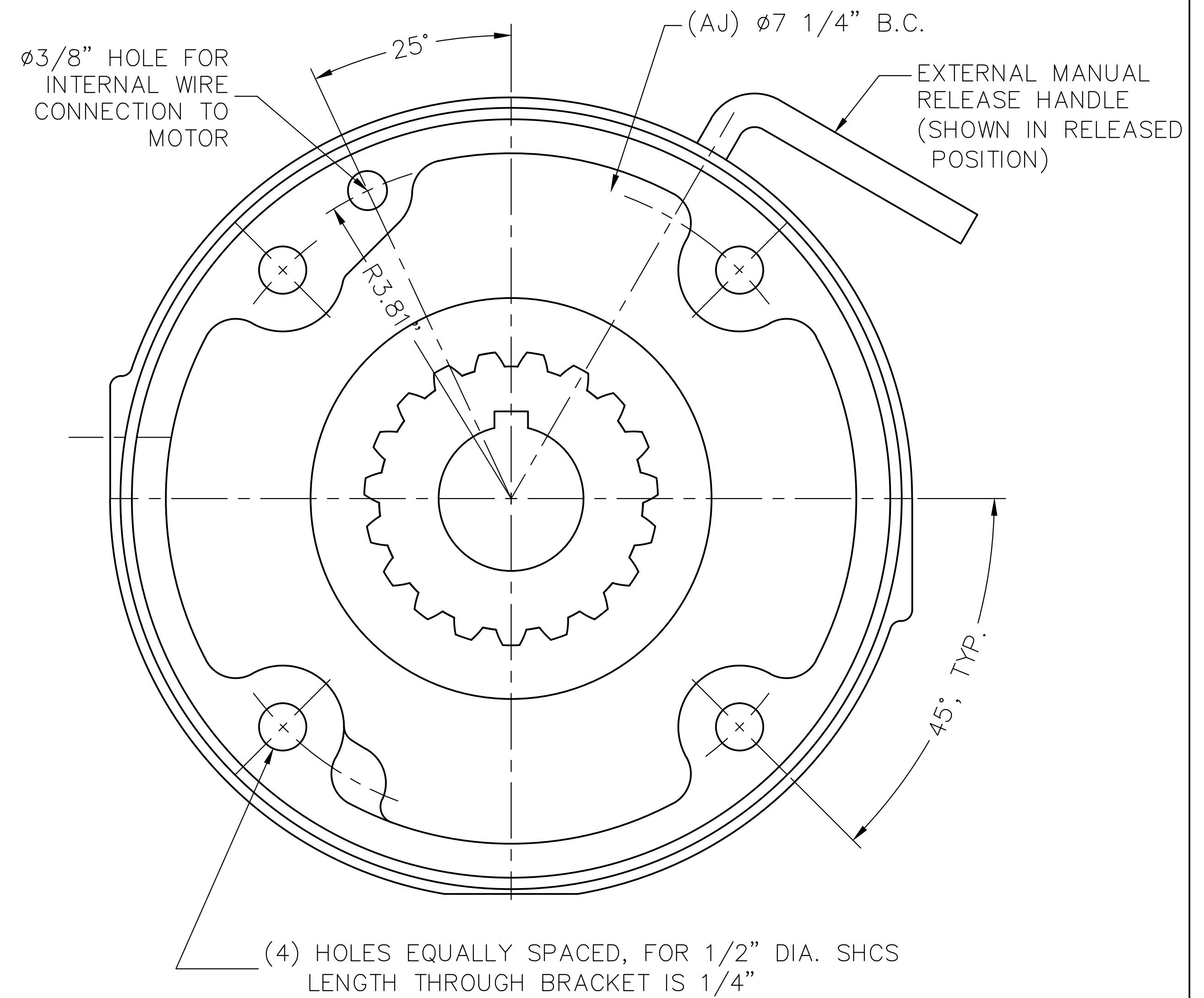
NOTE #1:  
THE MAXIMUM SHAFT DIAMETER FOR THIS BRAKE IS  $\phi 1-5/8$ " WITH STANDARD KEYWAY. MINIMUM (OR PILOT BORE) DIAMETER IS  $\phi 3/4$ ".

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 <sup>2</sup> LB.FT. <sup>2</sup>	DIMENSIONS							ENCLOSURE MATERIAL	
						"C"	"D" $\pm .005$ MAX. ORIGINAL SETTING	"H"	"N" $\pm 1/32$	"X"	"AC"	"OD"		
71010-EC61	10	1	3600	****	.047	6.91	.100	.040	2.59	1.50	1.00	1.13	9.00	CAST IRON
71015-EC61	15	1	3600	****	.047	6.91	.100	.040	2.41	1.50	1.00	1.13	9.00	CAST IRON
72025-EC61	25	2	3600	****	.075	6.91	.100	.040	2.50	2.00	1.50	1.13	9.00	CAST IRON
72035-EC61	35	2	3600	****	.075	6.91	.100	.040	2.34	2.00	1.50	1.13	9.00	CAST IRON
73050-EC61	50	3	3600	****	.103	7.47	.100	.050	2.34	2.50	2.00	1.69	9.00	CAST IRON
74075-EC61	75	4	3600	****	.130	8.03	.100	.060	2.28	3.00	2.50	2.25	9.00	CAST IRON
74105-EC61	105	4	3600	****	.130	8.03	.100	.060	2.31	3.00	2.50	2.25	9.00	CAST IRON
74125-EC61	125	4	3600	****	.130	8.03	.080	.060	2.19	3.00	2.50	2.25	9.00	CAST IRON



\*\*SEE BULLETIN BK4773 FOR OPERATING, INSTALLATION AND PARTS INSTRUCTIONS

\*\*\*\* CONTACT FACTORY

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TITLE: OUTLINE DRAWING, 70 SERIES BRAKE (8700)  
 IP56 (NEMA 4) WITHOUT HUB SEAL; (S7EC61)

TOLERANCE UNLESS OTHERWISE NOTED  
 .000  $\pm$  FRACTIONS  $\pm$   
 .00 ANGLES  $\pm$

DRN BY: JEBr  
 DATE: 9-18-13  
 SCALE: FULL

CHD BY:  
 DATE:  
 SCALE:

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

DININGS DYNAMICS  
 A Division of  
 Westinghouse Company

REFER TO CAD FILE: L070453-1

DRAWING NO. L070453

SHEET 1 OF 1

REV	CHG#	DATE	BY	REVISION

TBE