

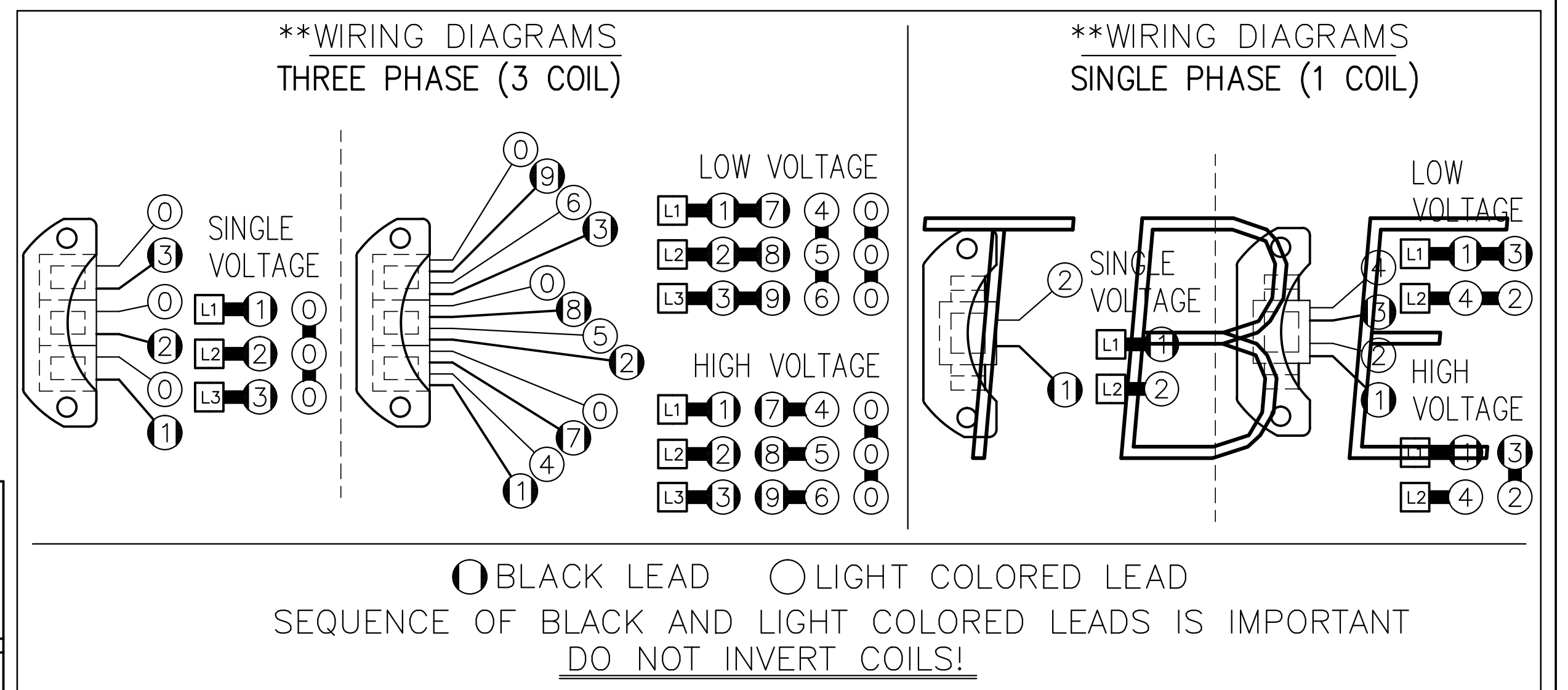
CLEARANCE REQUIRED TO REMOVE COVER

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 <sup>2</sup> LB.FT. <sup>2</sup>	DIMENSIONS							BRACKET MATERIAL	COVER MATERIAL	
						"C"	"D" ±.005 MAX.	ORIGINAL SETTING	"H"	"N" ±1/32	"X"	"AC"			"OD"
71010-ES4S	10	1	3600	****	.047	6.91	.100	.040	2.59	1.13	1.00	1.13	9.00	CAST IRON	STAMP STEEL
71015-ES4S	15	1	3600	****	.047	6.91	.100	.040	2.41	1.13	1.00	1.13	9.00	CAST IRON	STAMP STEEL
71025-ES4S	25	1	3600	****	.047	6.91	.100	.040	2.34	1.13	1.00	1.13	9.00	CAST IRON	STAMP STEEL
72035-ES4S	35	2	3600	****	.067	6.91	.100	.040	2.34	1.13	1.00	1.13	9.00	CAST IRON	STAMP STEEL
72050-ES4S	50	2	3600	****	.070	6.91	.100	.040	2.34	1.63	1.50	1.13	9.00	CAST IRON	STAMP STEEL
73075-ES4S	75	3	3600	****	.095	7.47	.100	.050	2.34	1.63	1.50	1.69	9.00	CAST IRON	STAMP STEEL
74105-ES4S	105	4	3600	****	.123	8.03	.100	.060	2.31	2.13	2.00	2.25	9.00	CAST IRON	STAMP STEEL
74125-ES4S	125	4	3600	****	.123	8.03	.080	.060	2.19	2.13	2.00	2.25	9.00	CAST IRON	STAMP STEEL



\*\*SEE BULLETIN BK4772S FOR OPERATING, INSTALLATION AND PARTS INSTRUCTIONS

\*\*\*\* CONTACT FACTORY

TBE

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TITLE: OUTLINE DRAWING, 70 SERIES BRAKE (8700)  
 IP41 (NEMA 2) (S7ES4S)

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

DRN BY: DBM  
 DATE: 10-16-13

CHKD BY:  
 SCALE: FULL

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

DRAWING NO.: L070461  
 SHEET: 1 OF 1  
 REV. NO.:

REV	CHG#	DATE	BY	REVISION

REFER TO CAD FILE: L070461-1