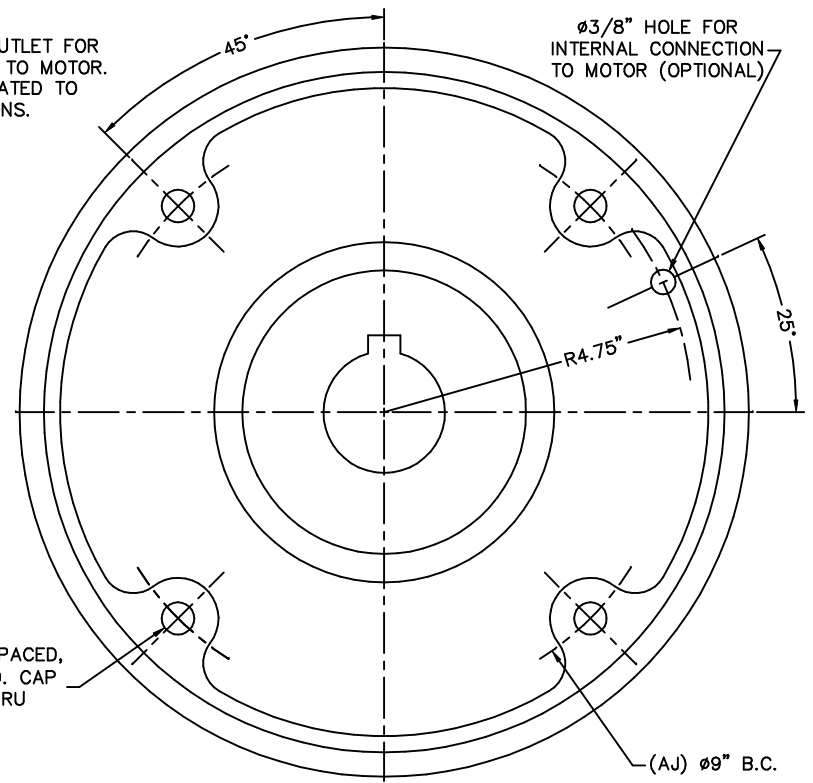
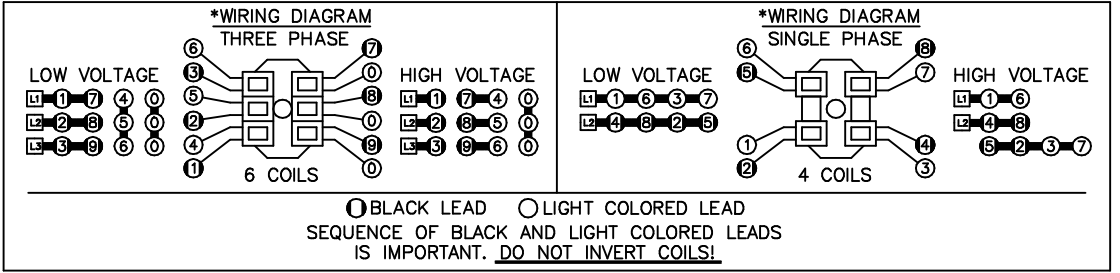


1/2" NPT LEADWIRE OUTLET FOR EXTERNAL CONNECTION TO MOTOR. BRAKE CAN BE ROTATED TO (4) 90° POSITIONS.



(4) HOLES, EQUALLY SPACED, FOR 1/2 DIA. SOC. HD. CAP SCREW: LENGTH THRU BRACKET = 1"



MODEL NUMBER	TORQUE LB.FT.	No. OF ROTATING DISC	MAX. RPM	THERMAL CAPACITY HPS/MIN.	INERTIA WK ² LB.FT. ²	DIMENSIONS							ENCLOSURE MATERIAL
						"C"	"D" ±.005		"H"	"N" ±1/32	"X"	"AC"	
							MAX.	ORIGINAL SETTING					
R81025-4	25	1	2400	15	.095	6.00	.065	.040	1.28	1.75	1.31	1.72	CAST IRON
R81035-4	35	1	2400	15	.095	6.00	.065	.040	1.28	1.75	1.31	1.72	CAST IRON
R82050-4	50	2	2400	17	.169	6.62	.065	.040	1.28	2.25	1.81	2.34	CAST IRON
R82070-4	70	2	2400	17	.169	6.62	.065	.040	1.28	2.25	1.81	2.34	CAST IRON
R83075-4	75	3	2400	19	.244	7.25	.070	.045	1.28	2.75	2.31	2.97	CAST IRON
R83105-4	105	3	2400	19	.244	7.25	.070	.045	1.28	2.75	2.31	2.97	CAST IRON
R84125-4	125	4	2400	21	.318	7.87	.080	.055	1.37	3.25	2.81	3.59	CAST IRON
R85175-4	175	5	2400	21	.395	8.50	.080	.055	1.28	3.87	3.44	4.22	CAST IRON

SYMBOL KEY:
 "C" = ENCLOSURE LENGTH
 "D" = MAGNET AIR GAP
 "H" = INSTALLED SPRING LENGTH
 "N" = HUB LOCATION DIMENSION
 "X" = OVERALL HUB LENGTH
 "AC" = EXTERNAL WIRING OUTLET DIMENSION

*SEE BULLETIN BK4813 FOR OPERATING, INSTALLATION AND PARTS INSTRUCTIONS

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OUTLINE DRAWING, 80 SERIES
 NEMA 4; 2 POST (S8004)

TOLERANCE UNLESS OTHERWISE NOTED
 .001 & .002 FRACTIONS & .001 INCHES & UP
 .005 & .010 DECIMALS & UP

DATE: 7-13-08
 DESIGNED BY: FULL
 DRAWING NO: L080216
 REV. 15

DISCO DYNAMICS
 1000 W. BELLEVUE BLVD. S.E.
 ALPHARETTA, GA 30201