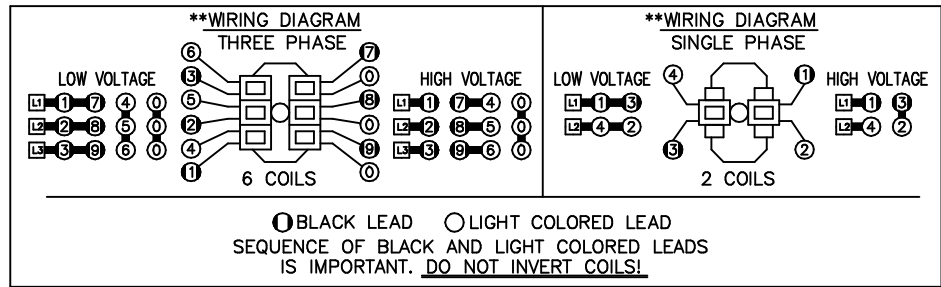


(4) HOLES, EQUALLY SPACED, FOR 1/2 DIA. SOC. HD. CAP SCREW; LENGTH THRU BRACKET = .75"



**NOTE #1:**  
THE MAXIMUM SHAFT DIAMETER FOR THIS BRAKE IS 1-5/8". FOR ANY GIVEN SHAFT UP TO AND INCLUDING THIS DIAMETER, STANDARD NEMA SHAFT LENGTHS MAY HAVE TO BE SHORTENED.  
\* CONSULT FACTORY FOR SPECIFIC DETAILS.

STANDARD 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		"H"	"N" ±1/32	"X"			"AC"
							MAX.	ORIGINAL SETTING						
6-71010-97	10	1	3600	11	.028	6.00	.060	.035	1.31	1.50	1.00	1.47	CAST IRON	STAMP STEEL
6-71015-97	15	1	3600	11	.028	6.00	.060	.035	1.31	1.50	1.00	1.47	CAST IRON	STAMP STEEL
6-72025-97	25	2	3600	12	.051	6.62	.060	.035	1.31	2.00	1.50	2.09	CAST IRON	STAMP STEEL
6-72035-97	35	2	3600	12	.051	6.62	.065	.040	1.22	2.00	1.50	2.09	CAST IRON	STAMP STEEL
6-73050-97	50	3	3600	13	.075	7.25	.065	.040	1.25	2.50	2.00	2.72	CAST IRON	STAMP STEEL
6-74070-97	70	4	3600	14	.099	7.87	.065	.040	1.22	3.00	2.50	3.34	CAST IRON	STAMP STEEL

**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 BK4705 FOR OPERATING, INSTALLATION AND PARTS INSTRUCTIONS**

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OUTLINE DRAWING, 70 SERIES STD HOUSING, NEMA 2 4 POST, DEEP DRAWN COVER (S7087)

TOLERANCE UNLESS OTHERWISE NOTED  
DIMENSIONS IN INCHES  
DIMENSIONS IN MILLIMETERS

DESIGNED BY: [Signature]  
CHECKED BY: [Signature]  
DATE: 11/23/89  
SCALE: FULL  
CADD FILE: L070383

**DORR DYNAMICS**  
MILWAUKEE, WISCONSIN U.S.A.

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