



**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.

ENCLOSURE 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" ±.005		"H"	"N" ±1/32	"X"	"AC"	
							MAX.	ORIGINAL SETTING					
R71010-4	10	1	3600	10	.036	5.75	.060	.035	1.31	1.50	1.31	1.47	CAST IRON
R71015-4	15	1	3600	10	.036	5.75	.060	.035	1.31	1.50	1.31	1.47	CAST IRON
R72025-4	25	2	3600	11	.059	6.37	.060	.035	1.31	2.00	1.81	2.09	CAST IRON
R72035-4	35	2	3600	11	.059	6.37	.065	.040	1.22	2.00	1.81	2.09	CAST IRON
R73050-4	50	3	3600	12	.083	7.00	.065	.040	1.25	2.50	2.31	2.72	CAST IRON
R74075-4	75	4	3600	13	.107	7.62	.065	.040	1.22	3.00	2.81	3.34	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 BK4713 FOR OPERATING, INSTALLATION AND PARTS INSTRUCTIONS**

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**OUTLINE DRAWING, 70 SERIES BRAKE  
 NEMA 4; 2 POST (S7004)**

TOLERANCE UNLESS OTHERWISE NOTED  
 .005 & .010 FRACTIONS & .010  
 .01 & .020 DECIMALS & "

DESIGNED BY  
 DRAWN BY  
 DATE  
 7-13-08  
 SIZE  
 FULL

REVISED BY  
 DATE  
 7-13-08  
 SIZE  
 FULL

REVISED BY  
 DATE  
 7-13-08  
 SIZE  
 FULL



MADE IN THE U.S.A.