



**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 MAX. ORIGINAL SETTING	"H"	"N" ±1/32	"X"	"AC"			
R71010	10	1	3600	11	.028	5.75	.060	.035	1.31	1.50	1.00	1.47	CAST IRON	CAST ALUMINUM
R71015	15	1	3600	11	.028	5.75	.060	.035	1.31	1.50	1.00	1.47	CAST IRON	CAST ALUMINUM
R72025	25	2	3600	12	.051	6.37	.060	.035	1.31	2.00	1.50	2.09	CAST IRON	CAST ALUMINUM
R72035	35	2	3600	12	.051	6.37	.065	.040	1.22	2.00	1.50	2.09	CAST IRON	CAST ALUMINUM
R73050	50	3	3600	13	.075	7.00	.065	.040	1.25	2.50	2.00	2.72	CAST IRON	CAST ALUMINUM
R74075	75	4	3600	14	.099	7.62	.065	.040	1.22	3.00	2.50	3.34	CAST IRON	CAST ALUMINUM

**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 BK4703 FOR OPERATING, INSTALLATION AND PARTS INSTRUCTIONS**

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OUTLINE DRAWING, 70 SERIES BRAKE  
 NEMA 2; 2 POST (S7000)

TOLERANCE UNLESS OTHERWISE NOTED  
 .005 ±.005 FRACTIONS 2 AND 30 ±.010 HOLE ±.010

DESIGNED BY: [Signature] DRAWN BY: [Signature]  
 DATE: 7-13-08 SIZE: FULL  
 REV: 001 DATE: [ ] BY: [ ] UPDATE DRAWING, SEE CHANGE NOTE  
 CAD FILE: L070351

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