



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 ² LB.FT. ²	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**

THIS MATERIAL IS PROPERTY OF DORR COMPANY. NO RIGHTS ARE GRANTED TO USE SUCH MATERIAL FOR ANY PURPOSE OTHER THAN (1) PRODUCT EVALUATION OR MAINTENANCE OR (2) THE FURNISHING OF SERVICES AND SUPPLIES TO THE DORR COMPANY.

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

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

DESIGNED BY: [Signature] DRAWN BY: [Signature]
 DATE: 7-13-08 SIZE: FULL
 REV: 01 CAD FILE: L070351

DORR DYNAMICS
 1000 W. WILSON BLVD., S.W.
 ALBUQUERQUE, NM 87102
 TEL: 505-263-1100 FAX: 505-263-1101

REV. 14
 L070351