



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.

ENCLOSED HOUSING MODEL	ENCLOSED HOUSING MODEL W/HUB SEAL	TORQUE LB.FT.	No. OF ROTATING FRICTION DISCS	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			MODEL -58	MODEL -57				
6-71010-58	6-71010-57	10	1	3600	10	.036	5.75	.060	.035	1.31	1.50	1.00	1.31	1.47	CAST IRON		
6-71015-58	6-71015-57	15	1	3600	10	.036	5.75	.060	.035	1.31	1.50	1.00	1.31	1.47	CAST IRON		
6-72025-58	6-72025-57	25	2	3600	11	.059	6.37	.060	.035	1.31	2.00	1.50	1.81	2.09	CAST IRON		
6-72035-58	6-72035-57	35	2	3600	11	.059	6.37	.065	.040	1.22	2.00	1.50	1.81	2.09	CAST IRON		
6-73050-58	6-73050-57	50	3	3600	12	.083	7.00	.065	.040	1.25	2.50	2.00	2.31	2.72	CAST IRON		
6-74075-58	6-74075-57	75	4	3600	13	.107	7.62	.065	.040	1.20	3.00	2.50	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, 4 POST (S7057), (S7058)

TOLERANCE UNLESS OTHERWISE NOTED
 .005 & .010 FRACTIONS & .005 & .010 DECIMALS

DORIS DYNAMICS
MEMPHIS, TENNESSEE

REV	CHG	DATE	BY	REASON	DATE	BY	REASON
C	2240	8-11-08	BH	UPDATED DRAWING, SEE CHANGE NOTE			
B2	2030	2-28-01	BH	CHANGED TO SHOW MACH. BRACKET			
B1	2030	2-28-01	BH	ADDED PHL -057, COIL SPRING HEIGHT			
A	1927	5-8-00	BH	1.81 WAS 1.51			

CAD FILE: L070354

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