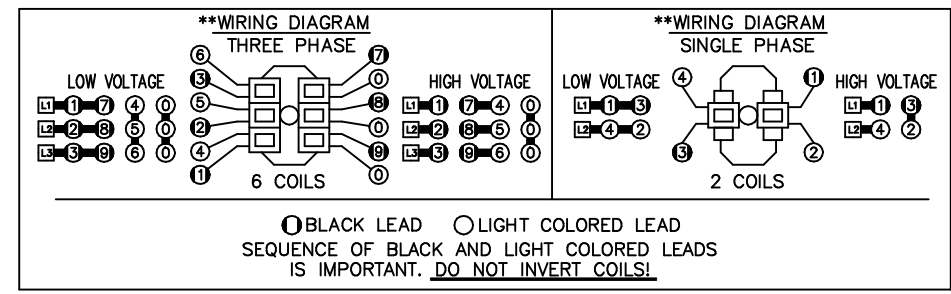


(4) HOLES EQUALLY SPACED, FOR 1/2" DIA. SOC. HD. CAP SCREW: LENGTH THRU BRACKET = .75"



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.

| ENCLOSURE HOUSING MODEL | 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 | | | | | |
| 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**

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 4; 2 POST (S7004)

DATE: 7-13-08
REV: 001

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

CAD FILE: L070353

L070353