**Nidec Motor Corporation**  
St. Louis, Missouri

**INFORMATION DISCLOSED ON THIS DOCUMENT IS CONSIDERED PROPRIETARY AND SHALL NOT BE REPRODUCED OR DISCLOSED WITHOUT WRITTEN CONSENT OF NIDEC MOTOR CORPORATION**

---

**DIMENSION PRINT**  
TEFC/EXPLOSION PROOF

**FRAME:** 5800  
**BASIC TYPE:** E, J

**FRAME C N U**  
**-001**  
**MIN**  
**SQ. KEY**

1. ALL ROUGH DIMENSIONS MAY VARY BY .25" DUE TO CASTING AND/OR FABRICATION VARIATIONS.
2. A MINIMUM CLEARANCE OF .25" BETWEEN FACE OF MOTOR AND COUPLING GUARD IS REQUIRED TO PERMIT AIR FLOW.
3. STANDARD ASSEMBLY POSITION F-1 IS SHOWN. F-2 IS PROVIDED WHEN SPECIFIED. CONDUIT OPENINGS MAY BE LOCATED IN STEPS OF 90 DEGREES REGARDLESS OF LOCATION. STANDARD AS SHOWN WITH CONDUIT OPENING DOWN.
4. "SS" SHAFT EXTENSION IS AVAILABLE ONLY ON 2-POLE RATINGS. "S" AND "ML" SHAFT EXTENSIONS ARE NOT AVAILABLE ON 2-POLE RATINGS.
5. QTY-8 HOLES ON 5807 AND QTY-6 ON ALL OTHERS.

---

**FRAME**  
**NO. OF POLES**  
**C**  
**N**  
**U**  
**V**  
**ES**  
**SQ. KEY**  
**AA**  
**DM**

---

**CONDUIT BOX FOR ACCESSORY LEADS AS REQUIRED**

---

R. KING  
R. SCHMIDT

---

07-2043/A