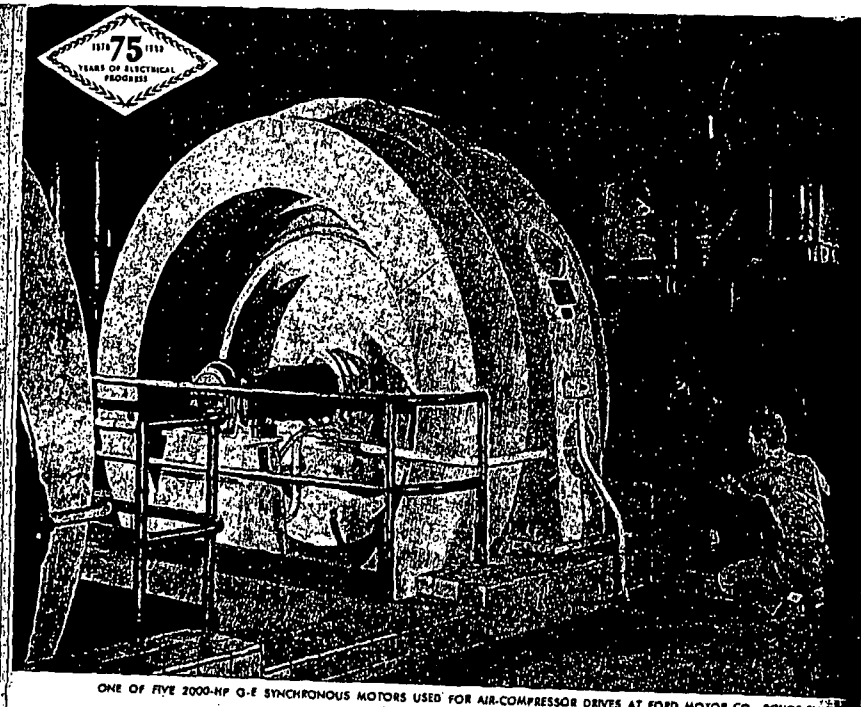
1891 75 1966 YEARS OF ELECTRICAL PROGRESS



ONE OF FIVE 2000-HP G-E SYNCHRONOUS MOTORS USED FOR AIR-COMPRESSOR DRIVES AT FORD MOTOR CO., ROUGE PLANT

...pendable G-E Synchronous Motors ... 24-Hour Assembly-line Service

...Ford Motor Company uses G-E synchronous motors for air-compressor drives

...motor dependability is really put to test on ...the-clock service at Ford Motor Company's Rouge ... Compressed air is used 24 hours a day on many ...operations, and a dependable supply is vital to ...production lines moving.

...this all-important air, five 2000-hp G-E syn... motors drive reciprocating compressors con... with only slight reductions in demand on ...shafts.

...chronous motors can be relied upon for such ...service with minimum downtime. You can depend on them because in back of every G-E synchronous motor stand more than half a century of motor engineering leadership . . . superior research and testing facilities to assure excellent component materials . . . and a corps of experienced craftsmen who are proud of the equipment they build—and build it to last.

The next time you consider a drive for heavy, continuous-service equipment be sure to call in your G-E representative to discuss any special application problem you may have. Have him explain the many money-saving uses for G-E synchronous motors and point out their operating economics.

In the meantime, you can obtain more information on G-E synchronous motors by writing for these publications: GEA-5332, "Low-speed Synchronous Motors," or GEA-5426, "High-speed Synchronous Motors." Write to Section 770-29, General Electric Co., Schenectady 5, N. Y.

You can put your confidence in—

GENERAL ELECTRIC

FOUR REASONS WHY G-E SYNCHRONOUS MOTO... GIVE LONG, DEPENDABLE SERVICE . . .

1. STRONG, FABRICATED FRAMES . . .

The welded steel-plate stator frame provides maximum rigidity in a comparatively lightweight construction. The sturdy channel-shaped frame consists of a wrapper plate firmly secured by continuous welds to rigid side plates. This design, proved by years of operating experience, affords more than ample strength for clamping and supporting the stator core.

2. G-E BRUSHES ON G-E MOTORS . . .

Brushes on G-E synchronous motors are a product of G-E work. Close co-operation between machine designers and ... engineers means you get the right brush on the right ... your particular application. In addition to extensive ... testing, all new and improved grades of brushes are ... field-tested before approval for standard use.

3. LONG INSULATION LIFE . . .

...insulating materials, manufactured in our own factories by the ... modern methods, conform to rigid G-E specifications and ... applied by experienced operators, above. Thus coils are uni... interchangeable, mechanically rugged, and moisture resisting.

4. LOW-RESISTANCE CONNECTIONS . . .

For dependable operation, stator windings are silver brazed, as shown above. Joints of this type have low electrical resistance, exceptional thermal and mechanical strength. These important properties are difficult to obtain by other methods.