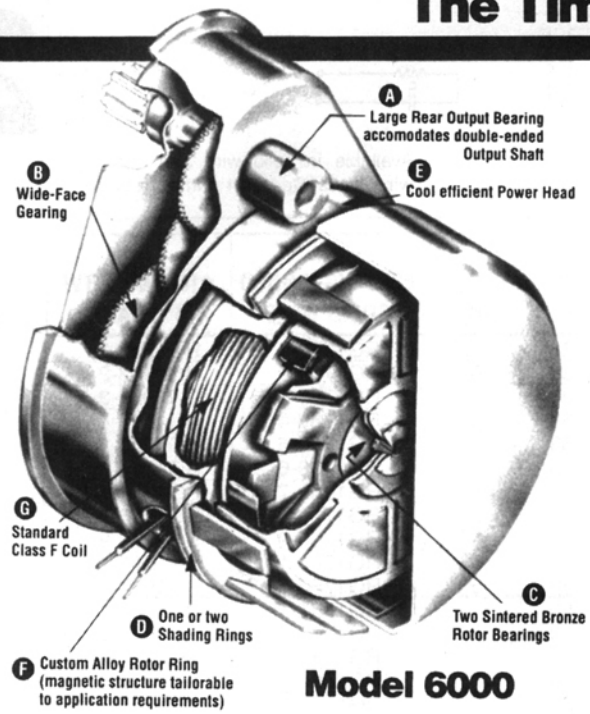
The Time and Motion Experts:



Model 6000

The story behind the development of Model 6000 . . . the ultimate in hysteresis motor design.

Hysteresis motors vs permanent magnet motors?

Well, PM motors are great. That's why we make them. They are, in many cases, by far the most cost-effective motor for the job.

But. There are *also* applications that cry out for the inherent advantages of hysteresis design — (1) quiet smooth operation, (2) insensitivity to high inertia loads, (3) back driving capability and, above all (4) the flexibility and design advantages of "stallability-without-damage"* performance.

These advantages are the reason *why* we make *hysteresis* motors *as well as* PM motors . . . and have done so for the past 30 years . . . and why we *continue* to add refinements to this familiar motor.

Cramer Model 6000 is the most effective hysteresis motor ever conceived . . . one that establishes new performance levels. The *standard* Model 6000, for example, is a Class F (155°C) motor, formerly available throughout the industry only as a *"special"*. It also has UL recognition and CSA approval for up to 6 watts of input power.

(continued at top of next page)

AC Hysteresis Synchronous Motors: Standard Models.

These unidirectional models offer smooth starting, smooth running, quiet operation, stallability-without-damage and remarkable flexibility of design.

- Low reset torques.
- High starting torques.
- Shaded pole construction.
- Wide range of output speeds.
- Rugged construction.
- Lifetime lubrication.

PERFORMANCE DATA

Torque (oz. in.)	247	447	357	420
Rated Start	16	40	22	N/A
Start (typical)	22	45	25	20
Run (typical)	67	81	60	20
Synchronous (typical)	37	37	20	20

Model 357: Shift/clutch design. Rotor disengages from gear train to permit output shaft to be turned by external reset mechanisms.

Model 420: This is Model 447 with second gear train to produce very slow speeds. Usable torque is limited by gear train rating.

Models 247 & 447

Both models designed for continuous duty applications. Use Model 247 in applications involving lower torques, lower motor temps.