

Motors . . . Timers . . . Custom Timing Systems.

A Cramer 6000 does the job of a competitive unit at a much lower temperature rise.

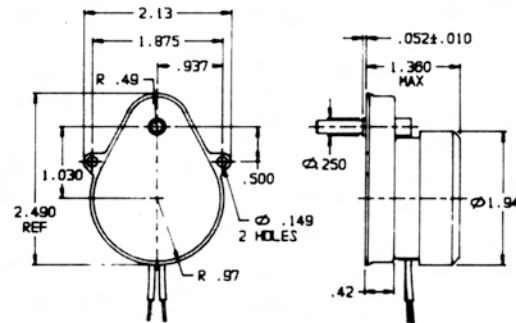
Check these exclusive design advantages in drawing at left:

Gear cup incorporates larger rear output bearing (A) allowing for enhanced sideload capacity and double-ended output shaft. Brass spur gears themselves (B) have wider face. Rotor bearing (C) is permanently lubricated, sintered bronze rather than lead babbitt. Shading ring (D) offers a new level of design flexibility; variations in shading rings, rotor and coil serve to modify start, stall and reset torques and control a wide range of performance characteristics.

Product description:

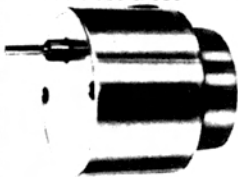
Shaded pole, single phase, synchronous-type hysteresis motor that provides smooth quiet performance and allows operation to a stall condition without damage* or increase in temperature rise. Pear-shaped gear box is designed to contain a wide range of gear ratios along with one-way and two-way frictions. Output shaft can be configured with pinions, levers, flats, knurls, etc. Outboard rear bearing provides stability and strength and allows for a double-ended output shaft. Wide selection of output speeds is offered with high starting torques and low reset torques. Custom designs available.

PERFORMANCE DATA	Model 6000
Operating Voltages (AC)	24, 115, 220, 240, 50 or 60 Hz
Input Power:	6 Watts Max
Maximum Coil Operating Temp.	155°C
Rotor Speed.	600 RPM
Stall Torque @ 5 Watts 60 Hz:	80 oz. in. @ 1 RPM 15 oz. in. @ 6 RPM
Operating Temperature Range:	-40° to +100°C



AC Hysteresis: Reversible Models.

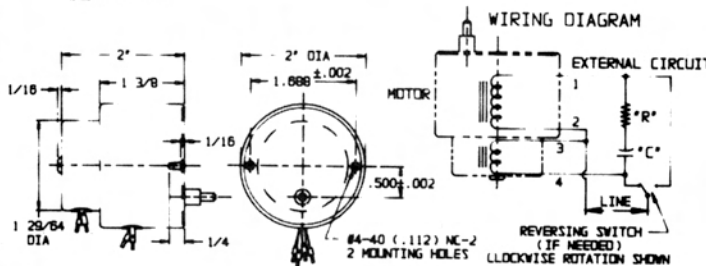
Models 530 & 830



Advantages of standard hysteresis motors *plus* reversibility. Use these capacitor phase shift units when *electrical* reset rather than "spring reset reversibility" is required.

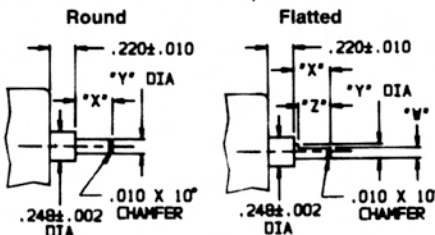
PERFORMANCE

Torque (oz. in.)	530	830
Rated start	45	100
Start (typical)	52	125
Run (typical)	102	150
Synchronous (typ.)	35	28



Shafts & Bearings

Standard shafts are steel, machined from centerless ground stock and case hardened for longer life. Bearings are machined from commercial bronze. Other shaft and bearing configurations and materials available on special order.



CODE	X	Y	CODE	W	X	Y	Z
26	5/16	.125	27D	.093	5/16	.125	1/4
41D	13/16	.125	511D	.093	1/2	.125	7/16
75D	1/2	.125	93D	.093	3/8	.125	1/4
82D	3/8	.125					