



SYNCHRONOUS MOTOR FAMILY

Series CA Direct Drive/Geared Reversible Hysteresis Synchronous Motor



Output Speed:	1/3 to 1200 RPM
Lead Wire:	4 leads 22AWG (approx. 7 inches [177.8 mm])
Operation Ambient Temp:	-10°C to +40°C (approx.)
 Recognition:	E37163, Component Time Indicating and Recording Appliances, 115Vac 60 Hz Standard Rotor
 Certification:	Card No. 42576, Motors and Generators, 115 Vac, 60 Hz, 5 watts max.
Capacitor is required for operation. Capacitor supplied with 115 Vac motors.	
Note: Typical data subject to change without notification	

Efficient, compact CA Series hysteresis synchronous motors have a range of standard speeds from 1200 RPM (direct drive) to 1/3 RPM (geared). Gear train materials include high quality bronze bearings, brass gears, hardened steel pinions and wheel shafts. The gear torque rating is 100 oz-in [706.2] at 1 RPM. All CA Series motors are reversible. Models listed are designed for 115V, 60 Hz operation of both motor and actuator. A capacitor is required for operation.

Model	Part Number	Speed @ Output Shaft (rpm)	Rated Pull-Out Torque (oz-in)	Rated Pull-Out Torque (mN-m)	Input Power (watts)	Capacitor Value (MFD)	Temp. Rise°C. Full Load	Weight (oz)	Weight (g)	Maximum gear train loading
CA	990272	1/3	100*	706.2	5	.50	40	15	425.2	X
CA	990341	1/2	100*	706.2	5	.50	40	15	425.2	X
CA	990338	1	100*	706.2	5	.50	40	15	425.2	X
CA	990275	2	50	353.1	5	.50	40	15	425.2	
CA	990357	3	33.33	235.4	5	.50	40	15	425.2	
CA	990280	4	25	176.5	5	.50	40	15	425.2	
CA	990282	5	20	141.2	5	.50	40	15	425.2	
CA	990356	6	16.67	117.7	5	.50	40	15	425.2	
CA	990298	8	12.50	88.3	5	.50	40	15	425.2	
CA	990285	10	10	70.6	5	.50	40	15	425.2	
CA	990287	12	8.33	58.8	5	.50	40	15	425.2	
CA	990332	15	6.66	47.0	5	.50	40	15	425.2	
CA	990353	20	5	35.3	5	.50	40	15	425.2	
CA	990311	30	3.33	23.5	5	.50	40	15	425.2	
CA	990290	40	2.50	17.7	5	.50	40	15	425.2	
CA	990314	60	1.67	11.8	5	.50	40	15	425.2	
CA	990294	120	.83	5.9	5	.50	40	15	425.2	
CA	990323	150	.67	4.7	5	.50	40	15	425.2	
CA	990295	200	.50	3.5	5	.50	40	15	425.2	
CA	990296	240	.42	3.0	5	.50	40	15	425.2	
CA	990316	400	.25	1.8	5	.50	40	15	425.2	
CA	990317	600	.17	1.2	5	.50	40	15	425.2	
CA	991194	1200*	.10	.7	5	.50	40	15	425.2	

CA Direct Drive:

