Instrument Motor
These Synchron motors are used for a wide variety of applications in many different industries. Exclusive features — high-temp magnet wire, burnished pivots, reamed pivot holes, solid-brass first gear (normally furnished) and nickel-plated exterior: among many other exclusives — give these motors exceptional reliability that can help make good instruments even better. Available only in type “C” or type “K” mount (see pages 4 and 5).
When Ordering
Please specify torque, type of output drive (including shaft length, diameter and standard or extended bearing).

Chart Drive with Anti-Backlash Gearing
For this application, we combine a Synchron instrument motor and an external gear train.
You can choose motor speeds ranging from one revolution per week to 1 rpm or faster. And you can get these gear train reductions — 6:1, 12:1, 96:1 and 168:1. An anti-backlash device on the final reduction gear limits output shaft backlash to 1/2 degree or less in most applications.
When Ordering
Please specify speed of final output shaft, direction of rotation, torque, voltage and frequency.

Reversible, Double Power and 2-Speed Motors
Reversible Motor
This unit has clockwise and counterclockwise Synchron motors mounted in tandem. The single output shaft rotates the direction of the motor that’s energized. Choose Type A, D, C or K mount (see pages 4 and 5).
Double Power Motor
This unit has identical Synchron motors mounted in tandem. Both motors rotate in the same direction and deliver double power to a single output shaft. Choose Type A, D or C mount (see page 4). Recommended for speeds of 2 rpm and faster.
When Ordering
Please specify reversible, double power or 2-speed, output speed(s) desired, torque,

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2-Speed Motor
This unit has two Synchron motors of different speeds mounted in tandem. The motors rotate in the same direction and the single output shaft rotates at the speed of the motor that’s energized. Ratio between the two speeds must be 3:1 or greater. Available only in torque of 4 watt or greater. Choose type A, D, C or K mount (see pages 4 and 5).
When Ordering
Please specify reversible, double power or 2-speed, output speed(s) desired, torque,