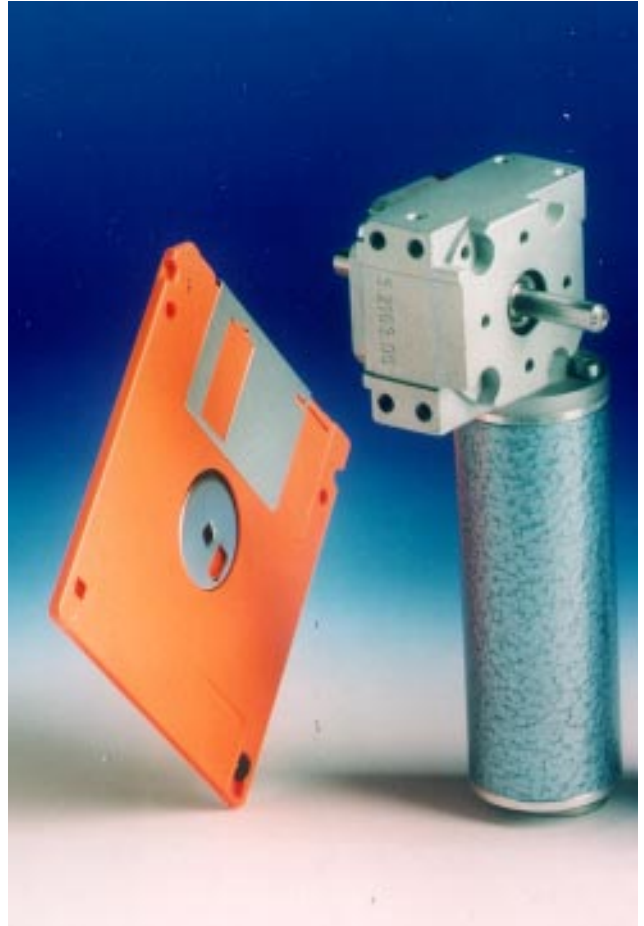


MINIATURE RIGHT ANGLE GEARMOTORS

Affordable right angle gearing systems, especially in miniature sizes, are hard to come by. In response to this recurring complaint by Design Engineers, Micro Mo Electronics, Inc. now offers the GNM Series of miniature right angle drives. Available in 6 different ratios from 7.3:1 to 38:1, the motor portion of these drives measures only 34mm to 45mm in diameter (1.34 to 1.77 inches). Backlash of the standard units is typically 1.2°. The assembled motor-gearhead units are only about 6 inches long and weigh from 18 to 28 ounces. Gearhead efficiencies are up to 79%. Maximum continuous output torques of up to 149 oz-in can be achieved, while intermittent output torques of up to 283 oz-in are possible.

Smaller, more cost-effective, and more powerful than competitive units on the market, these gearmotors were developed for medical instruments, test and measurement equipment, robotics, and automated systems. Designed for rugged use in industrial environments, the gearheads are capable of carrying radial shaft loads of up to 396 ounces and can withstand axial loads of up to 216 ounces. All units come standard with dual output shafts and are available with encoders on the motor or on one of the gearhead output shafts for precision control applications. Pricing for the gearheads starts at about US\$82 in single piece quantities. OEM discounts are available.



Micro Mo Electronics, Inc., the market leader in coreless motor technology, is an ISO-9001 Certified provider of fractional horsepower drives and controls. Its main products are DC motors, precision gearheads, feedback devices, brakes, servo controllers, and complete motion control systems. In support of its mission to provide optimum solutions for design engineers—right, the first time—the company employs direct sales, engineering, and value-added assembly support from its 73,000 ft² headquarters facility in Clearwater, FL. State-of-the-art machining, assembly, QA, analysis laboratories, and research facilities are located on site.