MOBOL

L Shape Single Shaft DC Motor 3-6V

• Gear materials: Plastic.
• Motor types: Permanent-magnet.
• Brush-type: Brush.
• Uncommitted motors: Homopolar motors.
• Magnet types: ferrite magnets.
• Torque multiplication: Generate a large force at a low speed.
• Cost effectiveness of the injection-molding process.
• Elimination of machining operations.
• Low density: lightweight, low inertia.
• Uniformity of parts.
• Capability to absorb shock and vibration as a result of elastic compliance.
• Ability to operate with minimum or no lubrication, due to inherent lubricity.
• Relatively low coefficient of friction.
• Corrosion-resistance; elimination of plating, or protective coatings.
• Quietness of operation.
• Tolerances often less critical than for metal gears, due in part to their greater resilience.
• Consistency with trend to greater use of plastic housings and other components.