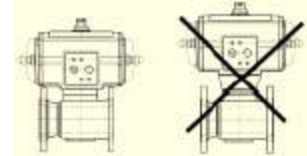


## EL-O-Matic Direct Mount is Cost Effective **EL-O-MATIC**

Valve actuators need a mounting interface so they can be coupled with the valves they operate. The standard for the interface is ISO5211 which, among other things, defines the pitch circle diameter (PCD), or drilling pattern, which should be used. The EL-O-Matic model E25 pneumatic rack and pinion actuator is the latest model to be equipped with two pitch circle diameters according to the ISO standard. Most actuator suppliers equip their products with only one drilling pattern, sufficient for most valve mountings. EL-O-Matic has instead fitted its actuators with two drilling patterns, each with four holes. The smaller one is used for the direct mounting of spring-return actuators, and the bigger pattern used for double-acting models. In addition to its dual pitch circle diameters, EL-O-Matic equips its actuators with flexible drive inserts. These replaceable inserts can be fitted with a wide variety of valve spindle shapes, including round with flat sides, square or round with a keyway. Other patterns are also available as options. EL-O-Matic 's direct mounting system combines the uniqueness of the two drilling patterns PLUS the drive inserts. This combination of features eliminates the requirement for brackets and couplings, saving engineering and procurement costs for these parts, as well as the cost of the parts themselves. The standardized drilling patterns make it easy to mount the actuator to the valve and, when used with the inserts, allow the valve profile to be reduced for use in confined spaces and with smaller diameter valves. The drilling patterns allow the mounting to a larger variety of valves, and is another standard EL-O-Matic feature that makes its actuators stand out from the rest.



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