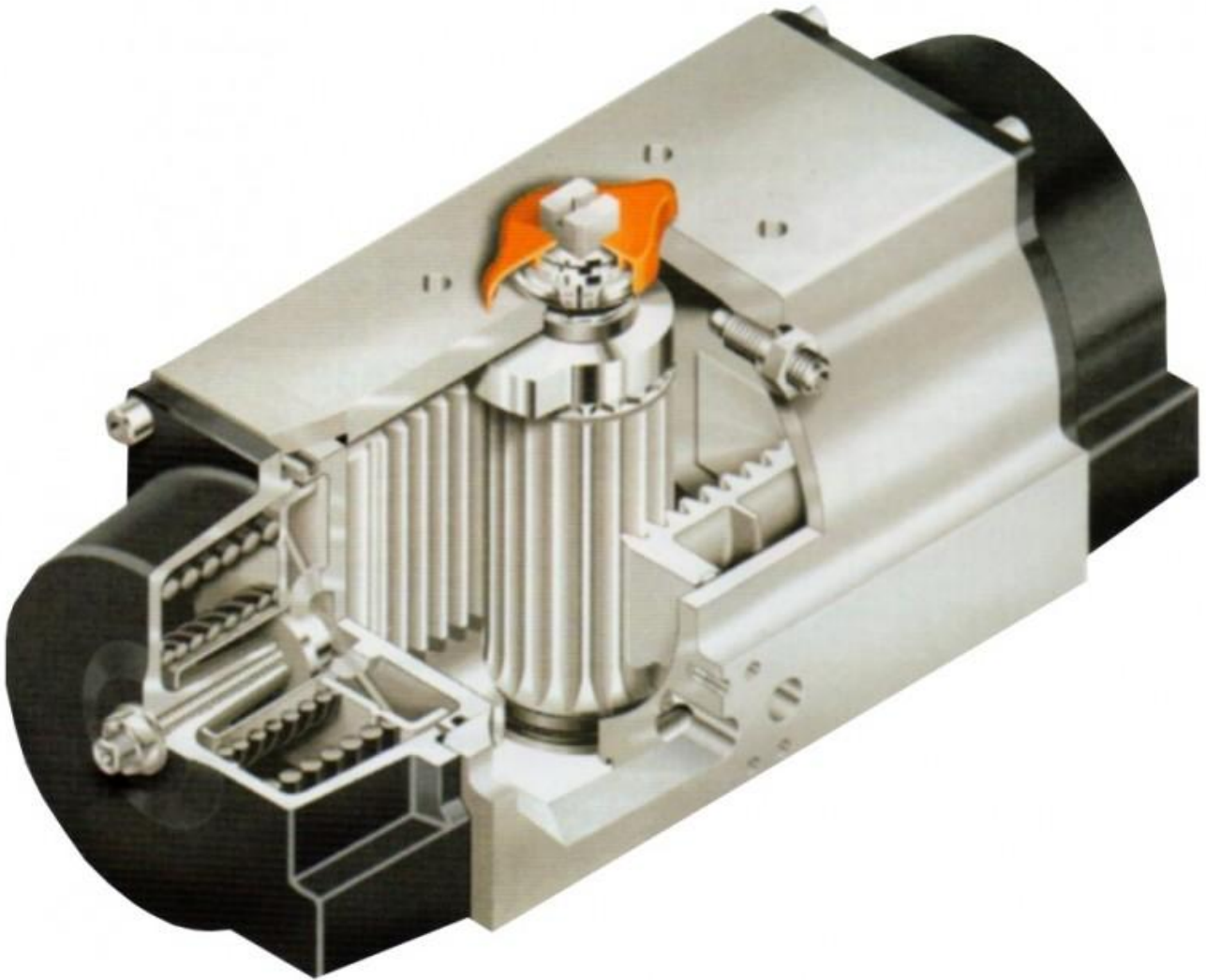
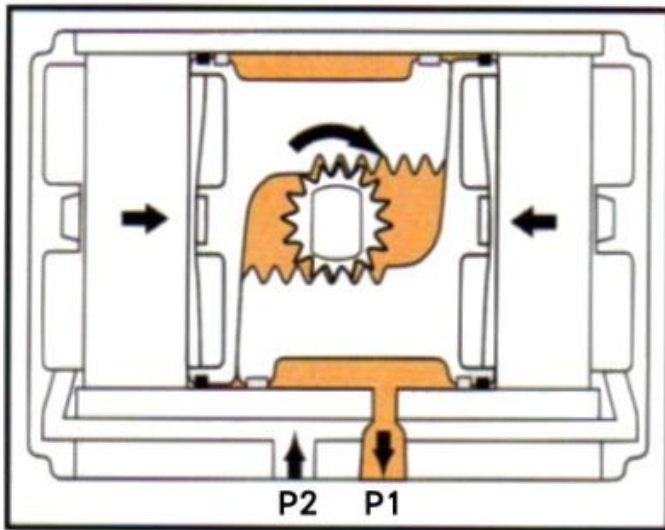


Performance

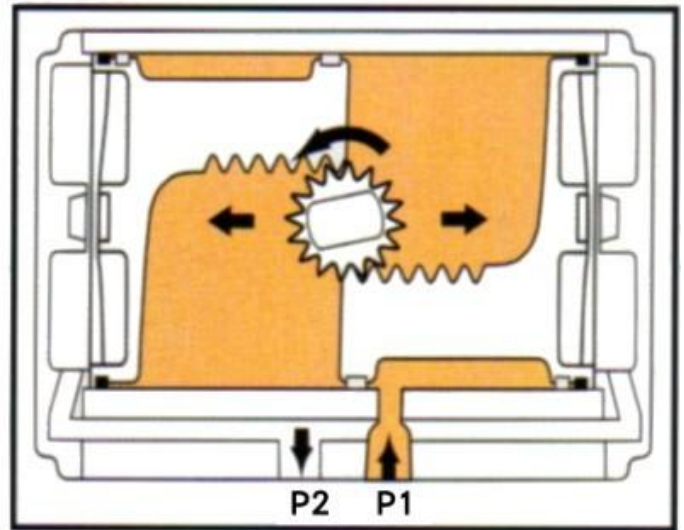
- Operating Pressure Range : 40 to 120PSIG.
- Maximum Allowable Working Pressure : 150PSIG.
- Maximum Operating Pressure : 120PSIG
- Operating Media : Dry or lubricated non-corrosive gas.
- Operating Temperature Standard : -40°F to +200°F



Double-Acting (Top View)



A



B

A :

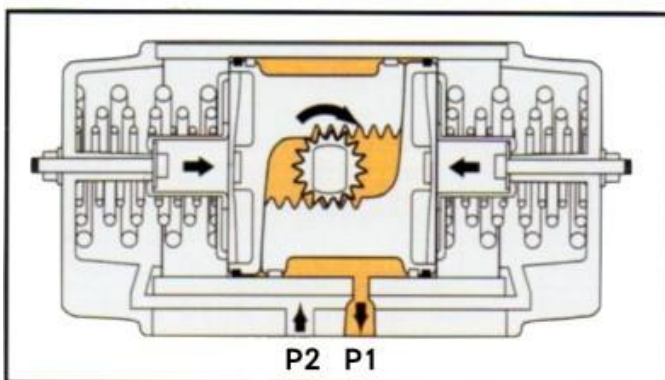
For clockwise output, apply pressure to P2, which force the pistons to move together. The volume between the pistons is exhausted at P1.

B :

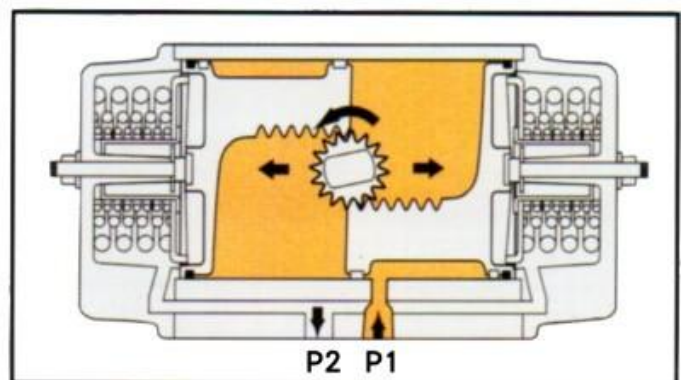
For counterclockwise output, apply pressure to P1, which force the pistons apart. The linear travel of the pistons is converted to a rotation of the drive shaft by the rack to pinion connection.

The volume outside each piston is exhausted at P2.

Spring-Return (Top View)



A



B

<p>A :</p> <p>For clockwise output, the volume between the pistons is exhausted at P1, causing the springs to force the pistons together. The volume outside the pistons is vented at P2.</p>	<p>B :</p> <p>For counterclockwise output, apply pressure to P1, which force the pistons apart and compress the springs. The linear travel of the pistons is converted to a rotation of the drive shaft by the rack to pinion connection. the volume outside each piston is exhausted at P2.</p>
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When required, Reverse Rotation the pistons can be inverted in the housing resulting in a clockwise rotation when pressure is applied to P1 and a counterclockwise rotation when P1 is vented.