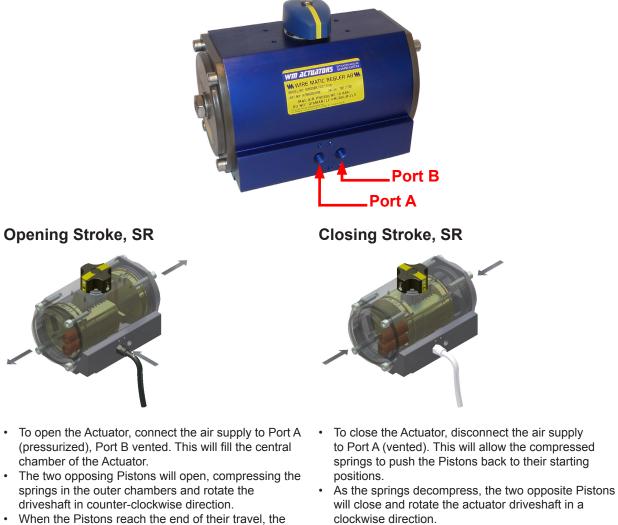


Actuator Operating, Single Acting (SR) Actuators

Piston based devices can either use air (or some others such as hydraulic oil) for both strokes, known as Double Acting (DA) Actuators, or air for one stroke and springs for the other, known as Single Acting or Spring Return (SR) Actuators.

Port A and Port B

The drive medium are collected and vented through the "Ports" at the side of the Actuator.



 When the Pistons reach the end of their travel, the actuator driveshaft will be in the closed position.

Note: The above described operating principle is applicable for standard actuators (settings by factory). For reverse acting actuators pressurizing the ports will result in an opposite rotation.

springs will be fully compressed and the actuator

driveshaft will be in the open position.