

Easytork Air Pilot Valve (“EPV”)

Allows EVAs to Fail-Safe With Any Solenoid Valve

The EVA can be fitted with the EPV, which is similar to a 5/2 air pilot valve. This setup allows the EVA to operate only with or without air supply. Requires only one main air supply for this setup.

The EPV can be connected to any remotely mounted 3/2 solenoid valve, this allows users to achieve fail-safe function without using the ESV.

The EPV is available in standard or chemical resistant version with a wide temperature range. In fail-safe, environment air never enters the EPV through vacuum which is associated with other spring-return actuators.

Using 3rd party 3/2 Solenoid Valve For Fail-Safe

Remote mount or nipple mount 3rd party 3/2 solenoid valve and still allow EVAs to fail-safe with loss of supply air

Nipple Mount
(3rd party brand)

Remote Mount
(3rd party brand)



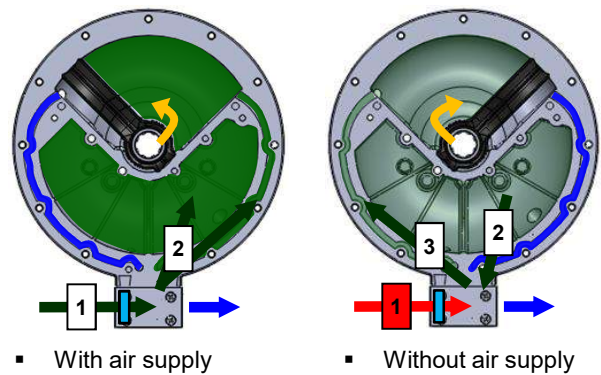
EPV

Description: Both setups achieve fail-safe with EVA actuator with a 3rd party 3/2 solenoid valve.

Easytork Air Pilot Valve

Counter-Clockwise

Clockwise

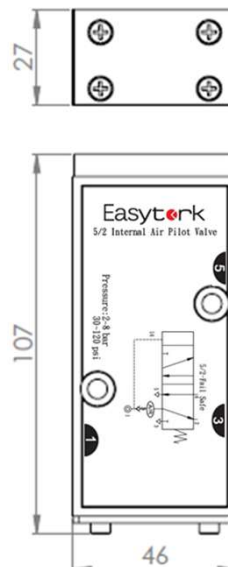


EPV Technical Specification

Operating pressure ⁽¹⁾	2 - 10 bar (30 - 150 psi)
Operating medium	Air (dry or lubricated)
Flow l/min (Cv) Port size: 1/4"	1750 l/min (Cv = 1.8)
Temperature range (standard)	-20°C to 80°C (-4°F to 176°F)
Temperature range (wide temp)	-40°C to 120°C (-40°F to 248°F)

Note (1): If required, consult factory for minimum pressure setting for over 2 bar (30 psi).

Dimensions



Note: Figures in mm

Patent Pending