

Tech Master GPO Series Flashback Arrestor



The Tech Master GPO Series flashback arrestor designed and manufactured to fully comply with BS EN ISO 5175-1 provide complete protection for all of your pipeline and high flow oxygen and fuel gas requirements.

■ GPO Series Flashback Arrestors

- Safety Elements**
- A flame trap
 - A contamination filter
 - A flame arrestor **FA**
 - A non-return valve **NV**
 - A temperature controlled cut-off **TV**

The last 3 items are indicated on the label by the symbols.

★ FEATURES

- The safety device meets the requirements of ISO 5175-1
- Reliable protection against dangerous reverse gas flow and flashbacks
- The flashback arrestor can be mounted in any position / orientation by observing direction of flow
- Non return valve regularly tested for reverse flow

📄 MATERIAL

- Body Brass
- Flame arrestor 316L Stainless Steel
- Seal Elastomer
- Inlet Connection 1/4 NPT Male
- Outlet Connection 1/4 NPT Female

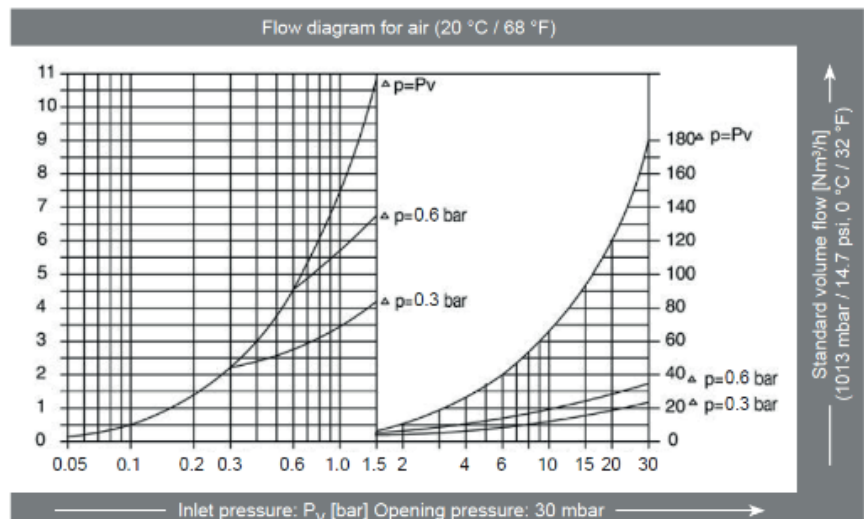
👍 SPECIFICATION

- Maximum Inlet Pressure 10 bar (145 PSI)
- Temperature Maximum +70 °C (158 °F)
- Weight 0,191 kg

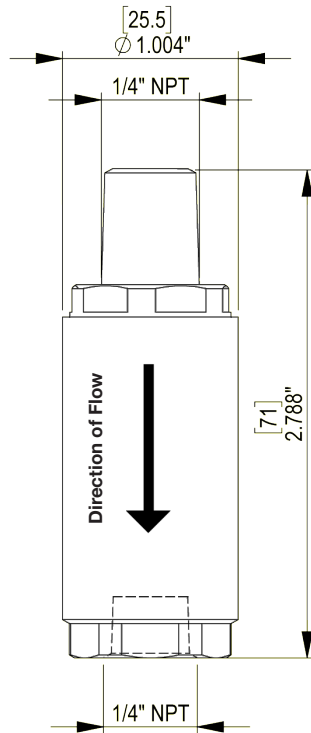
✓ FLOW PERFORMANCE

Conversion Factors

Acetylene	x 1.04
Butane	x 0.68
Natural Gas	x 1.25
Methane	x 1.33
Propane	x 0.80
Oxygen	x 0.95
Town Gas	x 1.54
Hydrogen	x 3.75



DRAWING



ORDER CODE

	Inlet Pressure		Inlet Connection	Outlet Connection
FBA07083	Oxygen	25 barg	1/4 NPT Male	1/4 NPT Female
FBA07082	Acetylene	1.5 barg	1/4 NPT Male	1/4 NPT Female
	Hydrogen	3.0 barg		
	LPG / Methane	5.0 barg		
FBA07084	Hydrogen	10 barg	1/4 NPT Male	1/4 NPT Female
	Ethylene	9 barg		
	Methane	12 barg		
	LPG	8 barg		