



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

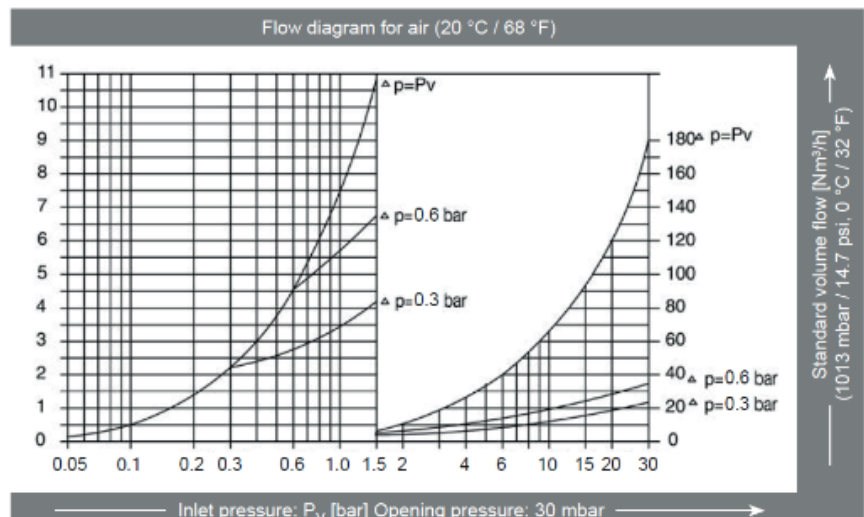
👍 SPECIFICATION

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

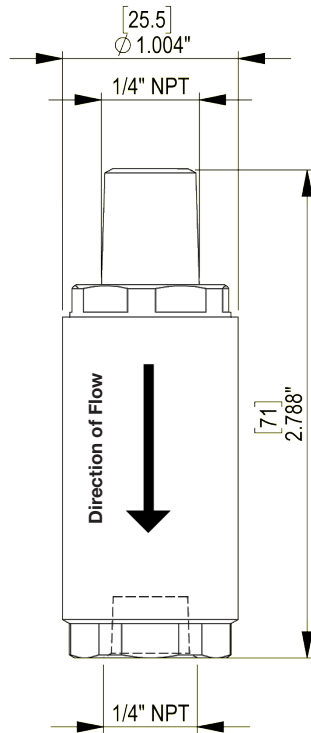
✓ FLOW PERFORMANCE

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 | | |