

Flashback Arrestor according to EN 730-1, ISO 5175

Model: DS2000 inclusive pressure sensitive gas cut-off system



For protection of Cylinder-Regulators and Tapping Points.



Highest safety level combined with high capacity and protection of investment in industrial use and the type DS2000 can be used on Tapping Points as well as on single Cylinders.

Safety features:

- Gas non-return valve NV
- Flame arrestor FA
- Thermal cut-off valve TV
- Pressure sensitive gas cut-off system PV

Dust filter promotes long shelf-life

Threads:

In accordance with EN 560, ISO 3253 or country specific connections

Fuel Gas: G3/8"RH, M16X1.5RH, UNF9/16"-18RH, UNF5/8"-18RH, 1/4"-NPT

Oxygen/ Compressed Air: G1/4"RH, G3/8"RH, M16X1.5RH, UNF9/16"-18RH, UNF5/8"-18RH, 1/4"-NPT

For additional connections please contact IBEDA.

Gas-Types:

Acetylene (A), Town Gas (C), Ethylene (E), Hydrogen (H), Natural Gas (Methane) (M), Propane (P), MPS Methylacetylen-Propadien-Mixture (Y), Oxygen (O), Compressed Air (D)

Working pressure:

A 1.5 bar ; H 4.0 bar ; CEMPY 5.0 bar ; DO 15.0 bar

Measure and weight:

diameter: 46,00 mm

length: 123,00 mm

weight: 493,00 g

Maintenance:

The safety devices are to be tested by a qualified and authorised person at regular intervals according to country specific regulations. They are to be tested for gas tightness and gas return at least once a year.

Design:

Other materials and surface finishing on request.



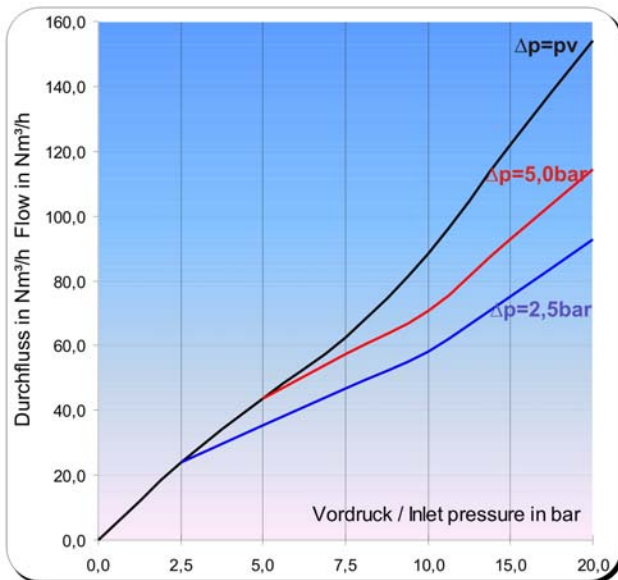
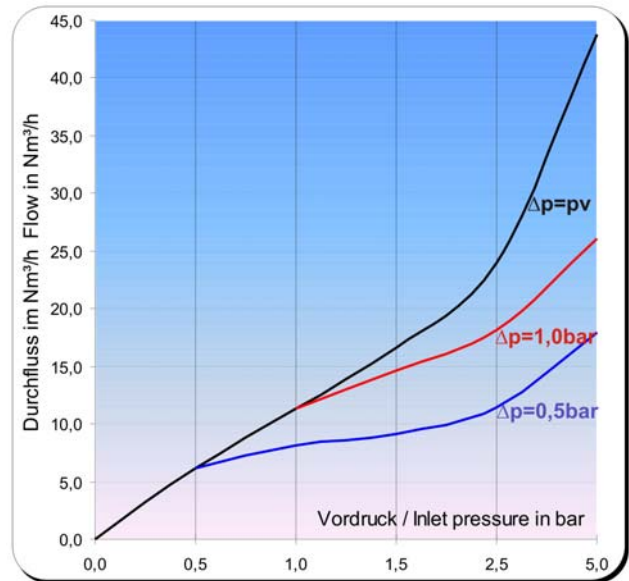
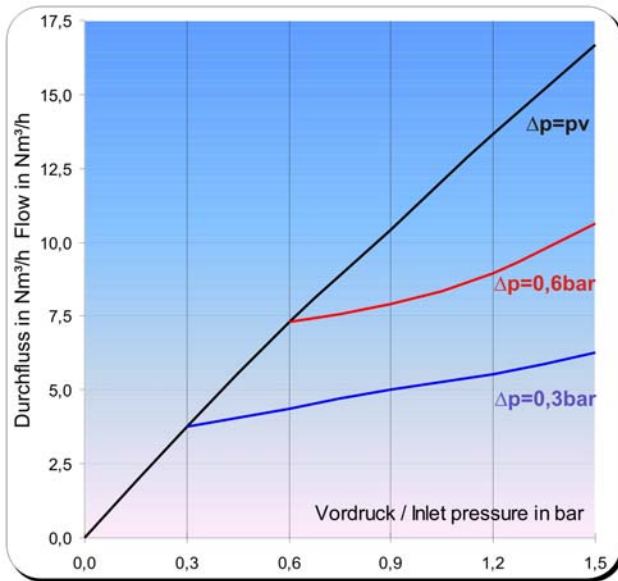
CERTIFIED SAFETY

Worldwide!

Flashback Arrestor according to EN 730-1, ISO 5175

Model: *DS2000* inclusive pressure sensitive gas cut-off system

Flow-Rate Dates:



Conversion Factors

Gas type	Code	Pressure units:
Acetylen	A	1MPa = 10bar
Oxygen	O	1bar = 14,28psi
Hydrogen	H	1MPa = 1,428psi
Air	D	1bar = 100kPa
Natural Gas, Methane	M	1m³ = 1,31cu.yd
Propane	P	
Ethene	E	
MPS	Y	

Flow rate

Air	Air	1,00
Air	Acetylen	1,20
Air	Butane	0,86
Air	Natural Gas	1,25
Air	Methane	1,40
Air	Propane	0,90
Air	Oxygen	0,95
Air	Hydrogen	2,50
Air	Ethene	1,02
Air	MPS	0,81