

Safety device: ZFS-02

Type ZFS-02 for reliable protection against decomposition of acetylene

The safety device ZFS-02:

- passed the acetylene decomposition test by BAM
- avoids explosive gas mixtures in the gas supply by a gas non-return valve (NV)
- stops flashback through flame arrestor (FA)
- every safety device is 100% tested
- all metal components in brass/ chromium-nickel-steel

Safety elements of the IBEDA Decomposition arrestor ZFS-02:

- NV Gas non-return valve
- FA Flame arrestor



Maintenance:

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

It is not allowed to open the safety devices.

Technical Data:			
Gas-Types:	Acetylene (A)		
Working pressure:	2,5 MPa 25,0 bar		
Ambient/ working temperature:	-20°C up to +70°C		
Threads:	1/4NPT F ³⁾ / 1/4NPT F ³⁾ 1/4NPT F ³⁾ / 1/4NPT M ³⁾		
Measure and weight:	diameter:	length:	weight:
	30,0 mm	85,0/ 100,0 mm	398,0/ 423,0 g
Applications:			
Usage:	As a Decomposition Arrestor for acetylene in high pressure pipe-lines for protection from filling equipment		

³⁾ F = Female, M = Male

Certification/ Technical Standards/ Rules

TRBS German Technical rules for operation safety, DVS German Association for Welding, Cutting and Allied Processes, DGUV German Employer's liability insurance association rules and regulations.

Standards/ Approvals

Company certified according to
ISO 9001:2015 and ISO 14001:2015,
CE-marking according to: Pressure Equipment Directive 2014/68/EU

(Subject to change without notice)