

## Safety device to EN 730-1, ISO 5175

Model: **DGN**

For Protection of Cylinder-Regulators and Tapping Points.



The standard safety device for industries and small enterprises. The type DGN covers the most applications and can be used on tapping points as well as on single cylinders.

### Safety elements:

- |                         |    |
|-------------------------|----|
| • Gas non-return valve  | NV |
| • Flame arrestor        | FA |
| • Thermal cut-off valve | TV |

**Dust filter promotes long life**

### Threads:

In accordance with EN 560, ISO 3253 for common connections

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

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

For additional connections please contact IBEDA.

### Gas-Types:

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

### Working pressure:

A 1.5 bar; H 3.5 bar; CEMPY 5.0 bar; DO 15.0 bar

### Maintenance:

An examination is required within a period of at least once a year.

According to TRAC 207, 9.36 and BGV D1, § 49

We would be pleased to offer you the PVGD flashback arrestor testing unit.

Safety devices may be opened and repaired only by the manufacturer.

### Design:

Other materials and surface finishing on request.

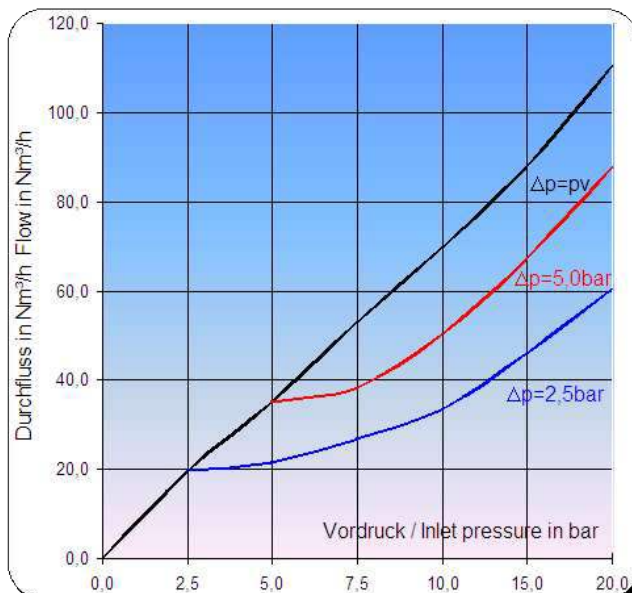
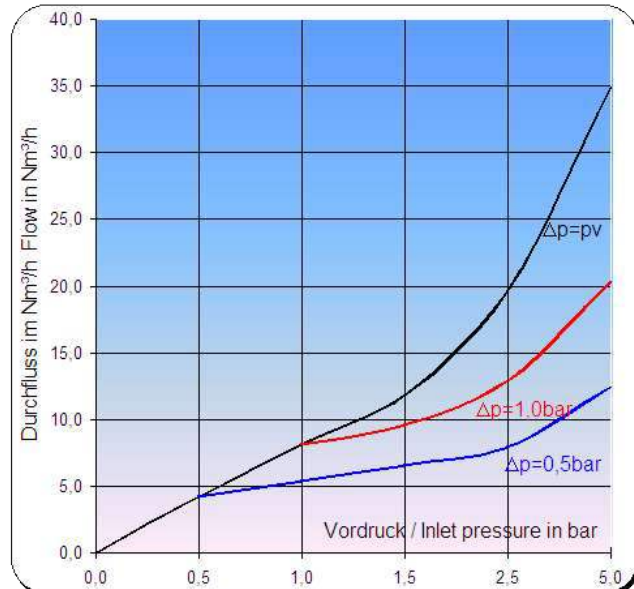
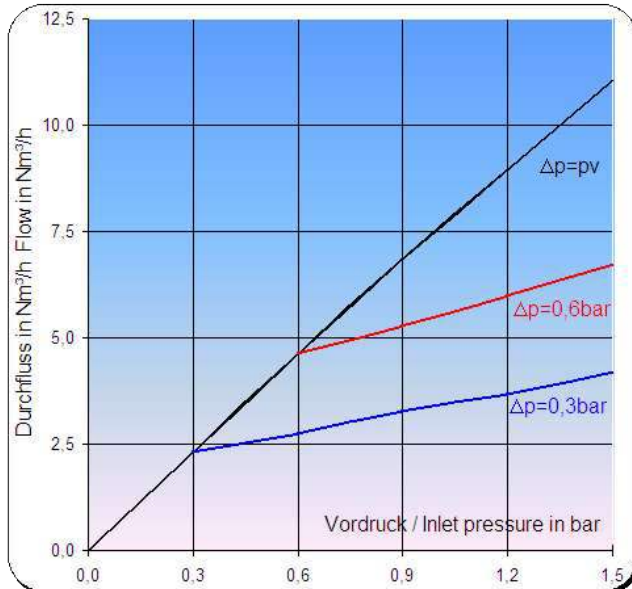


*Worldwide!*

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### Flow-Rate Dates:



### Conversion Factor:

( A ) Acetylene $C_2H_2$ :	x 1.04
( C ) Town Gas:	x 1.54
( E ) Ethylen	x 1.02
( H ) Hydrogen $H_2$ :	x 3.75
( M ) Methane: $CH_4$	x 1.33
( P ) Propane $C_3H_8$ :	x 0.80
( M ) Natural Gas	x 1.25
( Y ) MAPP-Gas $C_3H_4$	x 0.81
( O ) Oxygen $O_2$ :	x 0.95

1 bar = 14.28 psi

1 bar = 100 kPa

1 m³ = 1.31 cu.yd