

Safety device to U/L 23Y5, EN 730-1, ISO 5175

Model: **DG91N**

For Protection of Cylinder-Regulators and Tapping Points.



Always there, where high flow rates with low pressure drops are necessary for an on-going production process. The high flow rates guarantee a long product life with the highest level of safety.

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 SuperFlash at (440) 716-9960, toll free at (888) 327-7306, or by email sales@superflashcg.com

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:

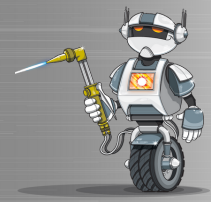
A 15 psig; CEHMPY 50 psig; DO 143 psig

Maintenance:

Annual examination for damage using SuperFlash's PVGD According to TRAC 207, 9.36 and BGV D1, § 49
Safety devices may be opened and repaired by the manufacturer only.

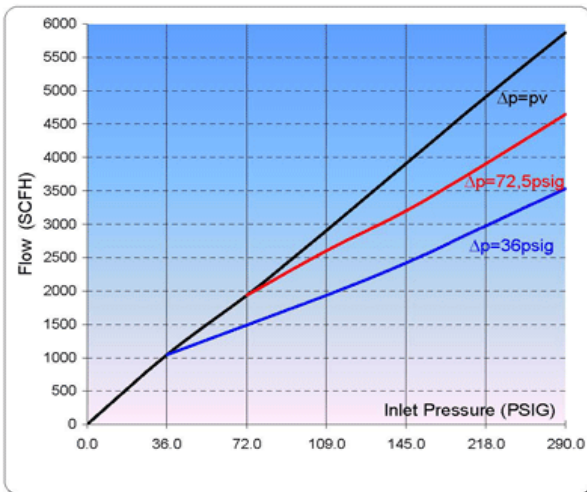
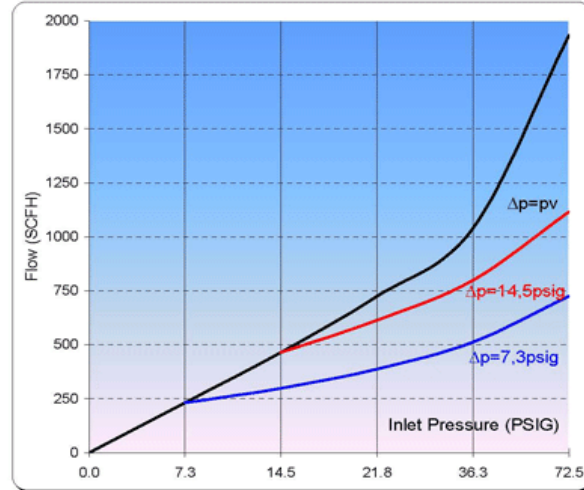
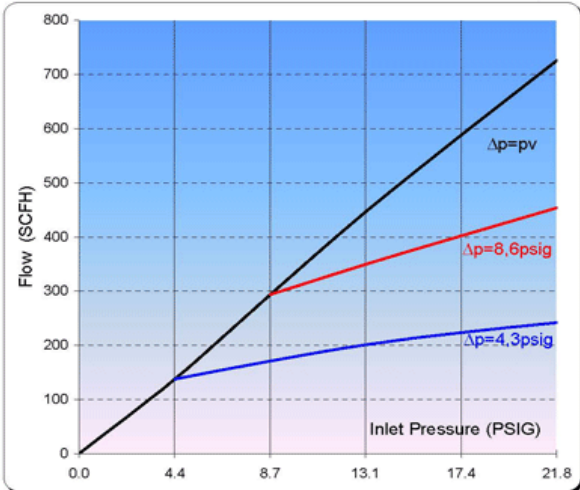
Design:

Other materials and surface finishing on request.



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Flow-Rate Data:



Conversion Factor:

(A) Acetylene C ₂ H 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 ₃ H ₈ :	x 0.80
(M) Natural Gas	x 1.25
(Y) MAPP-Gas C ₃ H 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