ED

Overload Protector (Gauge Saver)
All stainless steel

Special Features

- Nominal pressure up to 400 kg/cm²
- 7 different adjustable ranges
- Over pressure up to 600 kg/cm²
- Bellow type & piston type models

Application

- Designed to protect pressure instruments from over pressure exceeding the specified pressure range by sudden & excessive pressure fluctuation from surge or spike.
- This device blocks the higher pressure exceeding the allowed value, until it comes back to normal, when system pressure becomes normal.
- Hence this device safeguards the pressure instruments, gauges, switches or transmitters by blocking extra high pressure.
- Widely used in mechanical engineering and plant construction, power stations, mining, environmental technology, chemical and petrochemical, on shore & off shore.

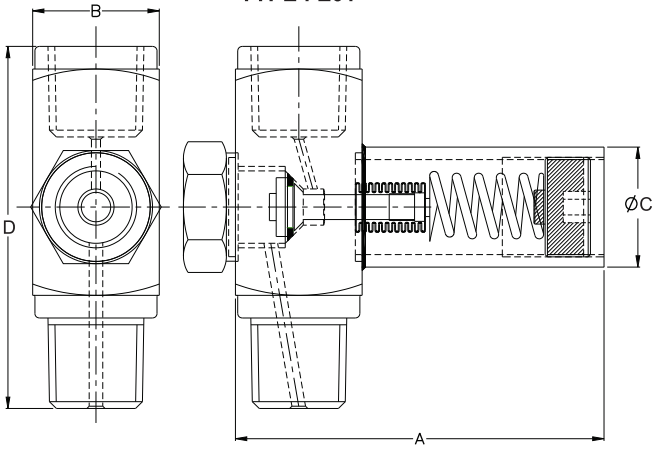
Specifications

Standard Version

Overload Protector Type	:	E01: Bellow Type
	:	E02: Piston Type
Adjustable Range		E01: 0.6 kg/cm² to 2.5 kg/cm²
	:	E02: 4 kg/cm² to 400 kg/cm²
'O' Ring	:	Viton
Maximum Working pressure	:	600 kg/cm²
Operating Temperature	:	-20°C to 120°C
Material of construction	:	AISI 316 SS

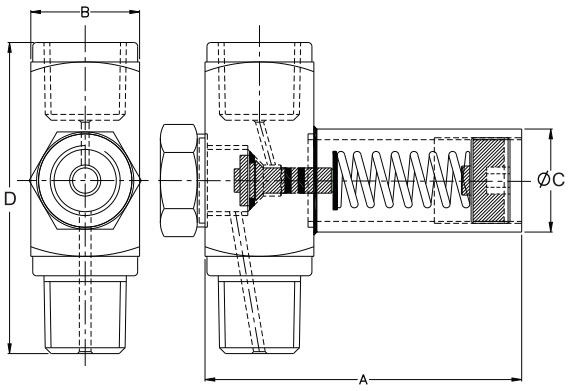
Dimensions - Standard Version

TYPE : E01



A	B	ØC	D	Weight in gram (With Box)
89	28 Sq.	26.5	80	500

TYPE : E02



A	B	ØC	D	Weight in gram (With Box)
89	28 Sq.	26.5	80	490

Notes : • Drawings are not to scale. • All Dimensions are in mm.

Design and specifications subject to change without notice

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How To Order	Example
Basic Model	
Code	ED
Adjustable range	

Note: Please specify required pressure range or adjustable pressure range while ordering. Otherwise the protector will be set to first value of adjustable range table.

Type	Adjustable Range (kg/cm² or bar)	Example
Bellow (E01)	0.6 to 2.5	XXX OR XXX XXX
Piston (E02)	4 to 6	
Piston (E02)	7 to 16	
Piston (E02)	10 to 40	
Piston (E02)	30 to 80	
Piston (E02)	60 to 160	
Piston (E02)	100 to 400	

Body						
CL	AISI 316 SS (Standard)	**CN**	Monel	**HA**	Hastelloy C	XX
Process Connection						
2BM.2BF	1/4" BSP (M x F)	**3BM.3BF**	3/8" BSP (M x F)	**4BM.4BF**	½" BSP (M x F) (Standard)	XXX.XXX
2NM.2NF	1/4" NPT (M x F)	**3NM.3NF**	3/8" NPT (M x F)	**4NM.4NF**	½" NPT (M x F) (Standard)	
4MM.4MF	M20 x 1.5 (M x F)					

Note : Connections like Metric/ PT/ PF/ Flaired/ UNF/ G/ R etc can be provided on request.

Options						
GH	Material test certificates**	**SG**	Oxygen service*	**TF**	Conformity as per NACE Standard	XX

* Applicable for Stainless Steel version.
** Material test certificates will be provided for wetted parts only with chemical composition testing. For others, Please consult factory.

Ordering Example: ED . XXX OR XXX.XXX . XX . XXX.XXX . XX
For other optional items, please contact factory for delivery and minimum quantity of order.
Note : Specifications and dimensions given in this product catalogue represents the state of engineering at the time of printing. Modifications may take place and materials specified may be replaced by others without prior notice.

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