

## 3/4" & 1" Size

### FEATURES

- Simple manual reset facility.
- Does not necessitate the removal of body from pipework for maintenance.
- Interchangeable valve diaphragm assembly.
- Suitable for incorporation into systems designed in accordance with Gas Safety Regulations 1998 Section 14 (2) - (4).
- Adjustable trip-off pressure gives a wide range of set points.

### APPLICATION

The S300 in-line over pressure slam shut (OPSS) protects gas installations, especially polyethylene pipework, from dangerous overpressure conditions and can be fitted either before or after the first stage regulator (see over the page for installation diagrams). Versions are available with either internal or external impulse. When the pressure increases above a predetermined value the trigger mechanism actuates and the valve shuts off the gas supply. Resetting can only be achieved manually. The S300 can be used with natural, liquid petroleum and manufactured gases and can be mounted in any orientation.

### SIZES

3/4" and 1" N.B. threaded to BS21 (ISO7). Other thread standards available upon request. For larger sizes 2", 3" and 4" refer to Jeavons Series 100 Slam Shut Valve.

### SPRINGS

	mbar	"wg	Part No.	Colour Code
L.P.	18 - 60	7.5 - 24	J12506-281	Black
	50 - 80	20 - 32	J12506-282	Orange
	60 - 110	24 - 44	J12506-283	Red
	100 - 210	40 - 84	J12506-284	Dark Green
	200 - 350	3.0 - 5.0 PSI	J12506-287	Yellow
	280 - 500	4.0 - 7.0 PSI	J12506-288	White
H.P.	0.5 - 1.0 Bar	7.25 - 14.5 PSI	J12506-311	Dark Blue / Black
	1.0 - 2.0 Bar	14.5 - 29.0 PSI	J12506-312	Dark Blue / Orange
	2.0 - 4.0 Bar	29.0 - 58.0 PSI	J12506-313	Dark Blue / Red



### PRESSURE

Max: 20 Bar (290 PSIG) for all high pressure units and externally impulsed low pressure units.  
 Max: 2 Bar (29 PSIG) for internally impulsed low pressure units.

### TEMPERATURE

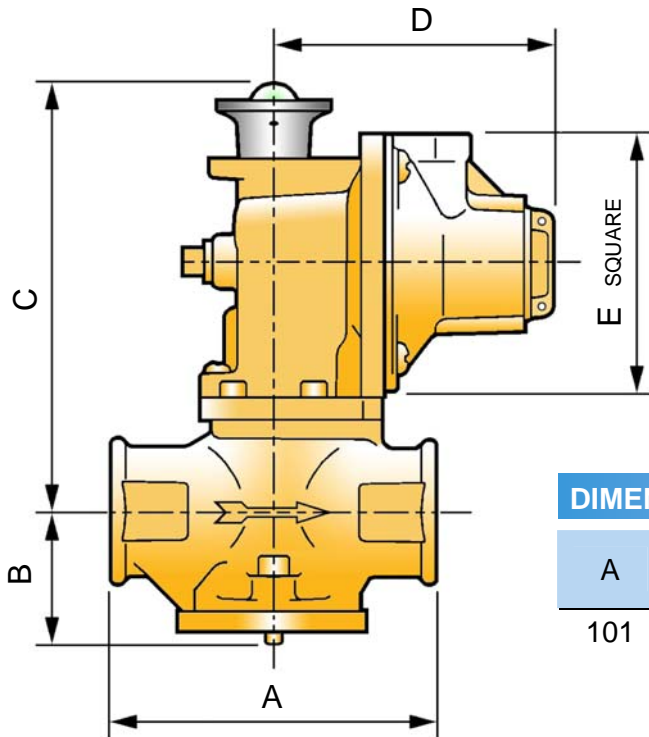
These units are suitable for operation in a wide range of temperatures from -20°C to +80°C (-4°F to +176°F).

### MATERIALS

Body: Ductile Iron.  
 OPSS Body & Cover: Die Cast Aluminium.

### SERVICING

A standard soft spares kit is available  
 Low Pressure: SK3006-01  
 High Pressure: SK3006-02



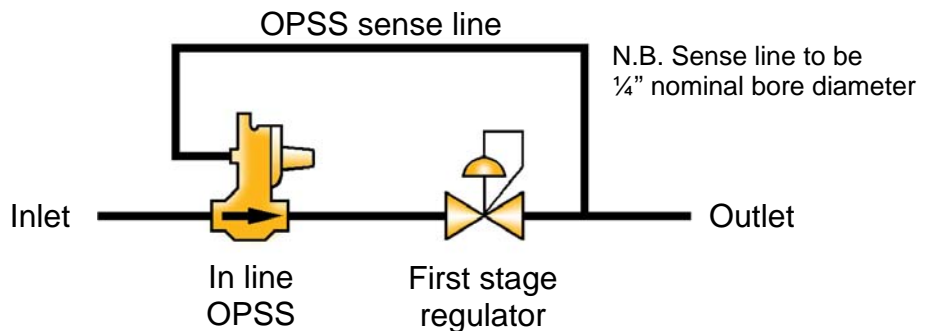
### DIMENSIONS & WEIGHTS

A	B	C	D	E	Weight (Kg)
101	40	133	88	65	1.38

## INSTALLATION PIPING DIAGRAM

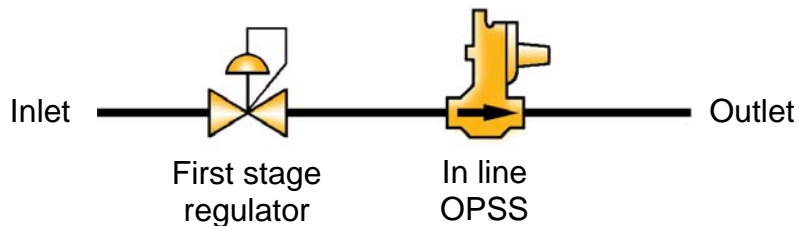
### Option 1

In Line OPSS fitted UPSTREAM of first stage regulator.



### Option 2

In Line OPSS fitted DOWNSTREAM of first stage regulator.



## QUALITY

Elster Jeavons is committed to a programme of continuous quality enhancement. All equipment designed and manufactured by Jeavons benefits from the company's quality assurance standards which are approved to BS EN ISO 9001 : 1994.

Elster Jeavons has a programme of continuous product development and improvement and in consequence the information in this leaflet may be subject to change or modification without notice.