

Elster Jeavons J90

Commercial / Industrial Meter Service Regulator

Brief information

Operation: The J90 is a dedicated angle regulator designed to give accurate control, even at low pressure drops, with excellent reliability. The J90 is available in sizes 1¼", 2" and 3" (80mm) sizes. The largest size unit is described in a separate leaflet.

Application: The J90 is specifically designed to be used as a meter service regulator for a wide range of commercial and industrial applications. All units are designed for natural, liquefied petroleum and manufactured gases.

The J90 has positive lock up, and has been designed for high efficiency and sensitivity with maximum flow and minimum pressure loss.

Control: The outlet pressure of the J90 is set at the factory during manufacture. The selected set point of the regulator ensures that it performs within the requirements of the standards listed below.

If required in other markets the J90 can be supplied for other outlet pressures.

Approvals: The J90 is approved to specifications IGEM/GM/PRS/33 and BS EN88-1 Class A2.

Technical Data:

Maximum inlet pressure: 350mbar (5 psig)

Nominal Outlet Pressure: 21mb (8.4"wg)

Servicing: The J90 has been designed for ease of access, inspection and servicing of all internal components. A standard soft spares kit is available.

Reference Number: SK9009-01



FEATURES & BENEFITS

Main Features

- Sizes 1¼", 2" and 80mm (for largest size see separate leaflet)
- Temperature range -20°C to +70°C
- Inlet threaded connection to BS EN 10226 (ISO 7). Outlet meter union to BS746.
- Designed to match U16, U25 and U40 meters.
- Fully inlet pressure balanced
- Full lock-up capability
- Internal impulse
- Spring loaded
- Excellent outlet pressure control

J90: Meter Service Regulator

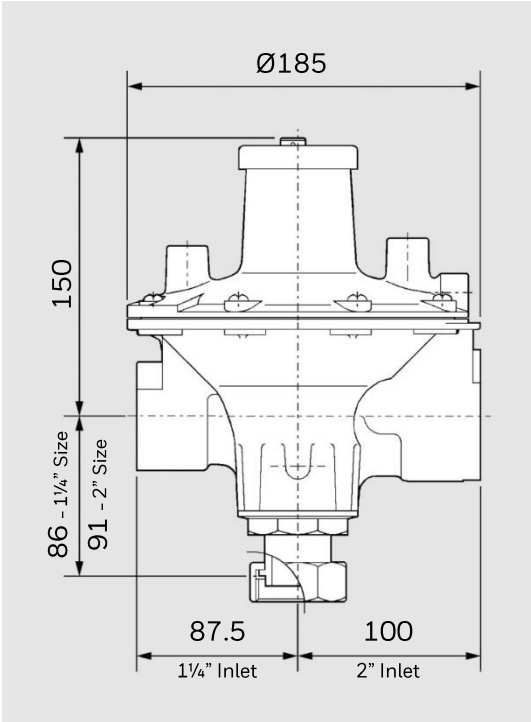
Material Specifications

A summary of the material specification for the J90 is given for reference. All material has been selected to provide maximum durability and reliability in service.

Components	Specification
Body, top cover, spring adjusting screw.	Aluminium Alloy
Diaphragm plates	Mild steel
Main diaphragm, secondary diaphragm, valve disc, "O" rings.	Nitrile (Buna)
Top cap, locking lever, spring holder, diaphragm spacer, valve spacer and valve disc holder.	Acetal Resin (top cap and locking lever UV stabilised)
Springs	Carbon Steel

Weight: 1 1/4" Size: 2.5 Kg
2" Size: 2.7 Kg

Quality: Honeywell is committed to a programme of continuous quality enhancement. All equipment designed and manufactured by Honeywell benefits from the group's quality assurance standards which are approved to EN ISO9001.



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