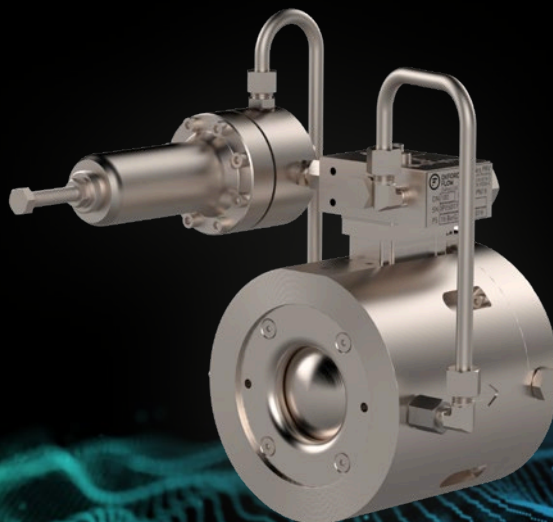


# OXFORD FLOW LIQUID REGULATOR

MODEL: IP-W

High performance, wafer-type pressure regulator  
DN50 - DN300 (2"-12")



## PRODUCT OVERVIEW

The IP-W Series pressure regulator range offers excellent pressure control for liquid distribution and transmission applications.

The patented, compact construction significantly reduces weight and the need for expensive lifting equipment during installation and maintenance.

The IP-W Series wafer-type pressure regulator fits between PN or ANSI flanges, minimising installation footprint. The unique body design employs a single, sensed piston instead of a diaphragm, increasing reliability and reducing maintenance costs.

## APPLICATIONS

For use with all clean, filtered fluids.  
Not for use as a safety device.

Max. Inlet Pressure	100 bar / 1450 psi
Outlet Pressure range	Up to 99 bar / 1435 psi <sup>1</sup>
Temperature range	-20 - 120°C / -4 - 248°F <sup>2</sup>
Leakage	ANSI FCI 70-2: CLASS VI
Lock-up Class	SG 5
Accuracy Class	down to AC 1

<sup>1</sup> Dependent on pilot valve. It is recommended the OF range of pilot regulators are used

<sup>2</sup> Extended temperature range on request

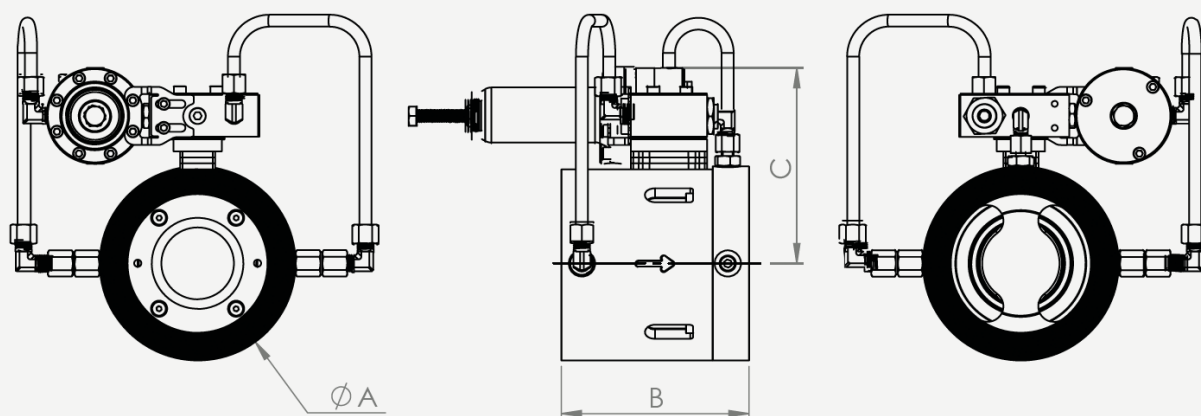
## BENEFITS & FEATURES

- Low installation and maintenance costs
- Accurate pressure control
- Compact and lightweight
- Piston - no diaphragm in valve body
- Robust and reliable

## PERFORMANCE & SIZING

The IP-W Series Regulators are available in sizes DN50 - DN300 (2"-12"), Regulators can be installed between PN10 - PN100 and ANSI #150 - #600 flanges, with maximum flow capacities as follows:

IM-S Series	C <sub>v</sub>	K <sub>v</sub>
DN50 (2")	33	29
DN80 (3")	79	69
DN100 (4")	129	112
DN150 (6")	290	253

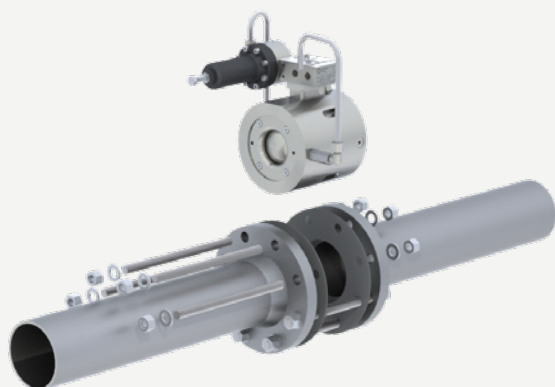


## KEY DIMENSIONS (MM/IN)

Nominal Diameter	Diameter (A)	Length (B)	Height (C)	Weight
DN50 (2")	107mm / 4.2"	121mm / 4.8"	240mm / 9.4"	11kg / 24lb
DN80 (3")	142mm / 5.6"	135mm / 5.3"	275mm / 10.8"	16kg / 35lb
DN100 (4")	162mm / 6.4"	155mm / 6.1"	295mm / 11.6"	21kg / 46lb
DN150 (6")	218mm / 8.6"	205.5mm / 8.1"	350mm / 13.8"	42kg / 92lb



## SIMPLE INSTALLATION



## CONSTRUCTION MATERIALS

Components	Materials
Body & Actuator	Stainless steel 316
Trim	Stainless steel 316
Seals & soft parts	EPDM*
Pilot	Aluminium 6082-T6 & stainless steel 316L (wetted)

\*Alternative materials available on request

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