

OXFORD FLOW PORTABLE REGULATOR

MODEL: IP-K – POLYMER

High performance, portable pressure control system
DN080-150 (3"-6")



PRODUCT OVERVIEW

Complete with integrated handles, feet and quick-fit connections the Oxford Flow range of IP-K pressure reducing valves (PRVs) are ideal for mobile hydrant service. They enable operators to quickly and accurately control pressure from hydrants into more sensitive systems.

The units utilise the patented IP Series PRV range. Lightweight construction in POM-C Acetal (WRAS & NSF approved), significantly reduces weight. All units weigh less than 25Kg; the single-person manual handling limit.

APPLICATIONS

Highly portable for fast connection to hydrant supply.
Not for use as safety devices.

Max. Inlet Pressure	252 psi / 16 bar ¹
Outlet pressure range	0 - 218 psi / 0 -15 bar
Temperature range	0 - 60°C / 32 - 131°F
Min. head loss	down to 0.1 bar / 1.4 psi

¹ Higher inlet pressure solutions available, please contact Oxford Flow for details.

² Pressure limited by flange adaptor couplings.

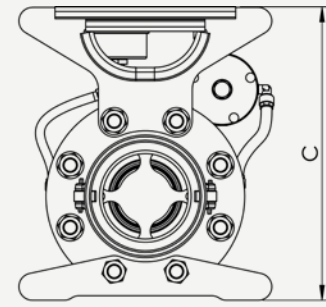
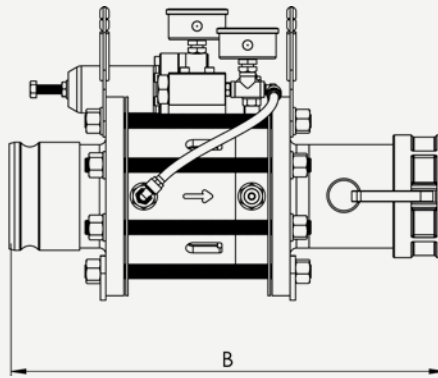
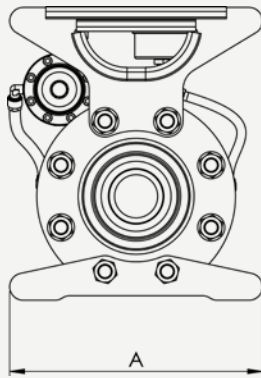
BENEFITS & FEATURES

- Quick connection
- Lightweight & compact
- Corrosion-proof construction
- Minimal maintenance
- Low cost of ownership
- Standard quick connection hose couplings²
- Optional high level control system filtration

PERFORMANCE & SIZING

IP-K PRVs are available in sizes DN080-150 (3"-6") as follows:

IP-K	K _v	C _v
DN80 / 3"	85	98
DN100 / 4"	152	176
DN150 / 6"	339	392



Example construction



KEY DIMENSIONS (MM/IN)

Nominal Diameter	Diameter (A)	Length (B)	Height (C)	Weight (kg / lb)
DN80 / 3"	300mm / 12.0"	370mm / 14.6"	310mm / 12.2"	13 / 28.6
DN100 4"	280mm / 11.2"	480mm / 18.9"	320mm / 12.6"	18 / 39.6
DN150 6"	340mm / 13.4"	535mm / 21.0"	375mm / 14.8"	23.5 / 51.0



SIMPLE INSTALLATION



Example construction



CONSTRUCTION MATERIALS

Components	Materials
Body & Actuator	POM-C Acetal (WRAS & NSF approved)
Seat material	WRAS approved EPDM
Trim and fittings	Stainless Steel 316 + Aluminium
O Ring seals	WRAS approved EPDM
Pilot	POM-C Acetal (WRAS & NSF approved)+ Stainless steel 316

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