

# *ProFlo*™ Nozzle Bodies

Precision engineered for long life and reliability



## FEATURES & BENEFITS

- A choice of turret styles that can accommodate one, three or five nozzles on a holder
- All holders come fitted with chemical saving Diaphragm Check Valves rated at 0.55 bar for instant nozzle shut-off
- Pneumatic DCVs are offered as an alternative on all Hypro nozzle holders
- Manufactured in Polyacetal and Nylon for performance and durability. Available with EPDM or Viton® seals
- Hinged clamps to fit all common pipe sizes: ½, ¾, 1 inch, 20 and 25 mm
- Multi-holders allow nozzles to be quickly and easily switched for maximum spraying flexibility



*The ProStop™ air-actuated (pneumatic) nozzle on/off valve can be used in place of a conventional DCV on the nozzle holder.*

### Single nozzle bodies

Clamp size	EPDM (Red)	Viton® (Green)
1/2"	4221N-B122	4221N-B122V
3/4"	4221N-B123	4221N-B123V
1"	4221N-B124	4221N-B127V
20 mm	4221N-B127	4221N-B124V
25 mm	4221N-B128	4221N-B128V



### Diaphragm Check Valves / Nozzle Bodies

1/4" MNPT x Bayonet	EPDM (Red)	Viton® (Green)
	4240N-B020	4240N-B020V



### 3-Way Nozzle Bodies

Clamp size	EPDM (Red)	Viton® (Green)
1/2"	4223N-B322	4223N-B322V
3/4"	4223N-B323	4223N-B323V
1"	4223N-B324	4223N-B324V
20 mm	4223N-B327	4223N-B327V
25 mm	4223N-B328	4223N-B328V



### TriJet Nozzle Bodies

Clamp size	EPDM (Red)
1/2"	4222N-B322
3/4"	4222N-B323
1"	4222N-B324



### 5-Way Nozzle Bodies

Clamp size	EPDM (Red)	Viton® (Green)
1/2"	4223N-B522	4223N-B522V
3/4"	4223N-B523	4223N-B523V
1"	4223N-B524	4223N-B527V
20 mm	4223N-B527	4223N-B524V
25 mm	4223N-B528	4223N-B528V



### ProStop™ Air-actuated on/off nozzle control valve



Compact air-actuated (pneumatic) nozzle shut-off valve that replaces a conventional DCV on the nozzle holder. ProStop™ has been designed using PVDF, polypropylene and Viton® for performance and reliability.

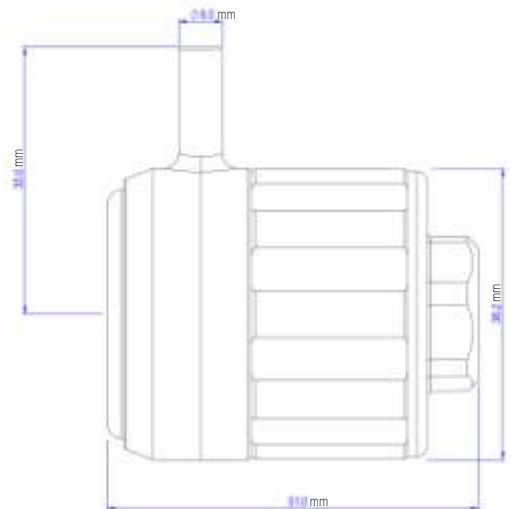
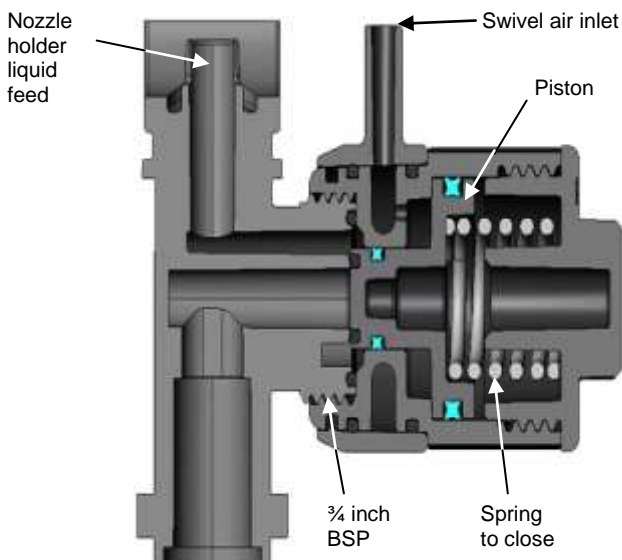
Size	Part Number	Description
3/4" BSP	PS3/4F-PN	ProStop pneumatic nozzle control valve

- Rapid on/off nozzle control—just 0.5 seconds to open
- High reliability piston and o-ring, no diaphragm to wear. Double lip seals help prevent leakage
- Fail safe air to open and spring closure. Remains closed up to 10 bar liquid pressure
- Compact; 50 mm long with 3/4" BSP fitting. Easily fits ProFlo™ and Hypro EF3 nozzle bodies
- Easy fitting of air line. Swivel push-fit 6 mm air inlet moves independently of valve body for straightforward connection to air line (4 mm adaptor also available)
- Durable PVDF piston and Viton® seals to withstand most chemicals
- 1- 8 bar liquid pressure range. Optimum 2.5 to 5 bar



ProStop™ can be supplied ready fitted to any of Hypro's nozzle bodies

### ProStop™ cross section and dimensions:



### Replacement Diaphragm Check Valves and Seals



Seal type	Colour	DCV spring pressure	Part Number
EPDM	Orange	0.28 bar	4200-0010
EPDM	Black	0.55 bar	4200-0020
EPDM	White	0.83 bar	4200-0030
EPDM	Grey	1.38 bar	4200-0040
EPDM	Blue	1.72 bar	4200-0050
Viton	Orange	0.28 bar	4200-0010V
Viton	Black	0.55 bar	4200-0020V
Viton	White	0.83 bar	4200-0030V
Viton	Grey	1.38 bar	4200-0040V
Viton	Blue	1.72 bar	4200-0050V

### Replacement Diaphragm Check Valve Seals



Replacement seal	Colour	Part Number
EPDM	Black	4200-0004E
Viton	Green	4200-0004V

### ProStop™ fittings

Size	Part Number	Description
6 mm	03PM0306E	Equal push fit elbow
6 mm	03PM0206E	Equal push fit tee
6mm	03PE06040100ME	LLDPE tube 100 m coil

# ProFlo™