

Nozzle Bodies with the Highest Flow Rates in the Industry



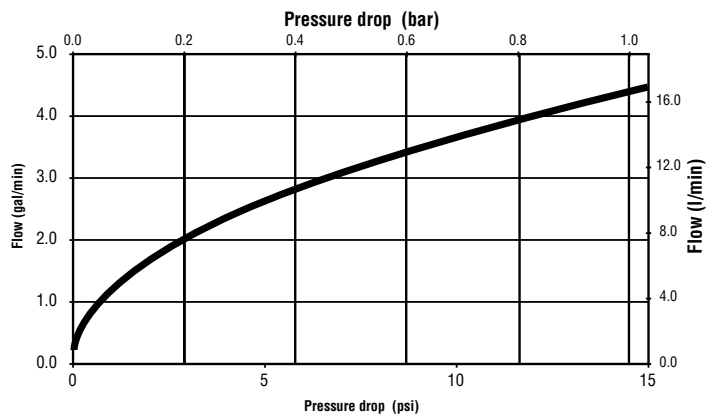
## BENEFITS

- Designed to deliver the highest flow rates across the spraying pressure range
- Unique DCV (diaphragm check valve) design reduces restrictions in the flow path, enabling 9,8 lpm with a ,34 bar pressure drop through the nozzle
- Supports faster field speeds with the same coverage and supports direct fertilizer application through the nozzle body DCV flow path
- Turret-indexing design provides improved consistency and reliability throughout the life of the nozzle body – eliminating free spinning and seizing problems seen on competitive nozzle bodies
- Automatic spray alignment using flat fan spray tips
- Compact design makes mounting easier with less potential interference with the spray boom structure
- ProFlo nozzle bodies come standard with an ,55 bar diaphragm check valve, ,27 bar, ,82 bar, 1,37 bar, and 1,72 bar checks are available as options.

## FEATURES

- Three turret styles for an easy change of spray tips: single, 3-way, and 5-way
- Provides lowest pressure drop at any given flow in the industry
- 9,84 LPM with a ,345 BAR pressure drop
- Available in wet or dry boom versions
- Positive shutoff between each spray position
- Custom logos available upon request (minimum quantities apply)

ProFlo Nozzle Body Performance Curve



# ProStop™ Nozzle Body Valve



Fast and Positive Spray Activation



- Rapidly and accurately start and stop nozzle flow using a self-propelled sprayer's existing on-board air
- Optimized for Hypro ProFlo nozzle bodies to accommodate higher application rates and speeds
- Control air input is compatible with convenient push-connect fittings and economical polyethylene or polypropylene tube
- Connect several together on one air circuit for boom section control or use in small groups to reduce overlap on headlands
- Fail-safe operation with a normally closed, pressurize to spray control and positive shut-off for transport and storage
- Durable and chemically-resistant construction using polypropylene, PVDF, and EPDM wetted components
- Operate using as low as 3 bar pneumatic signal to shut off a maximum spray pressure of 10 bar
- See page 142 for order information

# ProFlo™ Nozzle Bodies

## 3 and 5-Way Nozzle Bodies for Wet Boom (no tab for boom clamp)



Seal Option/ Housing Reference	Turret Options	(to clamp on) Pipe Size				
		½ inch	¾ inch	1 inch	20mm	25mm
EPDM/Red	3	4223N-B322	4223N-B323	4223N-B324	4223N-B327	4223N-B328
	5	4223N-B522	4223N-B523	4223N-B524	4223N-B527	4223N-B528
Viton/Green	3	4223N-B322V	4223N-B323V	4223N-B324V	4223N-B327V	4223N-B328V
	5	4223N-B522V	4223N-B523V	4223N-B524V	4223N-B527V	4223N-B528V

Sold in Quantities of 100  
For Individual Bags, Add Suffix -00 (i.e.: 4223N-B322-00)

## Triple Nozzle Bodies for Wet Boom



Part Number	Description
4222N-B322	1/2 inch split clamp
4222N-B323	3/4 inch split clamp
4222N-B324	1 inch split clamp
4222N-B323C	3/4 inch hinged clamp
4222N-B324C	1 inch hinged clamp
4222N-B334C	1 inch hinged clamp ,82 BAR DCV

## Single Drop Nozzle Body for Wet Boom



Seal Option/ Housing Reference	(to clamp on) Pipe Size				
	½ inch	¾ inch	1 inch	20mm	25mm
EPDM/Red	4221N-B122	4221N-B123	4221N-B124	4221N-B127	4221N-B128
Viton/Green	4221N-B122V	4221N-B123V	4221N-B124V	4221N-B127V	4221N-B128V

¼ inch FNPT Outlet- Substitute B with F (i.e.: 4221N-F122)  
Sold in Quantities of 100  
For Individual Bags, Add Suffix -00 (i.e.: 4221N-B322-00)

## 3 & 5-way Nozzle Bodies with Tab for Boom Clamp



**New!**

Seal Option/ Housing Reference	Turret Options	(to clamp on) Pipe Size				
		½ inch	¾ inch	1 inch	20mm	25mm
EPDM/Red	3	4243N-B322	4243N-B323	4243N-B324	4243N-B327	4243N-B328
	5	4243N-B522	4243N-B523	4243N-B524	4243N-B527	4243N-B528
Viton/Green	3	4243N-B322V	4243N-B323V	4243N-B324V	4243N-B327V	4243N-B328V
	5	4243N-B522V	4243N-B523V	4243N-B524V	4243N-B527V	4243N-B528V

Sold in Quantities of 100  
For Individual Bags, Add Suffix -00 (i.e.: 4223N-B322-00)

## 3 & 5-way Nozzle Bodies with Tab for Boom Clamp and Hose Barb for Dry Boom



**New!**

Seal Option/ Housing Reference	19 mm	19 mm	25 mm	25 mm
	Single Ended HB	Double Ended HB	Single Ended HB	Double Ended HB
EPDM/Red	4263N-B323S	4263N-B323D	4263N-B324S	4263N-B324D
	4263N-B523S	4263N-B523D	4263N-B524S	4263N-B524D
Viton/Green	4263N-B523SV	4263N-B523DV	4263N-B524SV	4263N-B524DV
	4263N-B323SV	4263N-B323DV	4263N-B324SV	4263N-B324DV

Sold in Quantities of 100  
For Individual Bags, Add Suffix -00 (i.e.: 4223N-B323S-00)

## Dry Boom Adapters for Multi-Turret



Part Number	Type	Clamp Size	Hose Barb
4200-0111N	Single	½ inch Pipe	½ inch 13 mm
4200-0112N	Single	¾ inch Pipe	¾ inch 19 mm
4200-0113N	Single	¾ inch Pipe	1 inch 25 mm
4200-0114N	Single	1 inch Pipe	¾ inch 19 mm
4200-0115N	Single	1 inch Pipe	1 inch 25 mm
4200-0211N	Double	½ inch Pipe	½ inch 13 mm
4200-0212N	Double	¾ inch Pipe	¾ inch 19 mm
4200-0213N	Double	¾ inch Pipe	1 inch 25 mm
4200-0214N	Double	1 inch Pipe	¾ inch 19 mm
4200-0215N	Double	1 inch Pipe	1 inch 25 mm

,55 bar Diaphragm check valve unless otherwise noted.

# ProFlo™ Nozzle Bodies

## Hose Barb Triple Nozzle Bodies-with DCV



Single hose barb P/N	Double hose barb P/N	Triple hose barb P/N	Hose ID	
4242N-B322S	4242N-B322D	4242N-B322T	½ inch	13 mm
4242N-B323S	4242N-B323D	4242N-B323T	¾ inch	19 mm

## Hose Barb Dry Boom Nozzle Bodies-with DCV



Single hose barb P/N	Double hose barb P/N	Triple hose barb P/N	Hose ID	
4241N-B121S	4241N-B121D	4241N-B121T	¾ inch	10 mm
4241N-B122S	4241N-B122D	4241N-B122T	½ inch	13 mm
4241N-B123S	4241N-B123D	4241N-B123T	¾ inch	19 mm

## Hose Barb Dry Boom Nozzle Bodies-with Top-Mounted DCV



Single hose barb P/N	Double hose barb P/N	Hose ID	
4240N-B121S	4240N-B121D	¾ inch	10 mm
4240N-B122S	4240N-B122D	½ inch	13 mm
4240N-B123S	4240N-B123D	¾ inch	19 mm

## Threaded Single Nozzle Bodies-with DCV



Seal Options/ Housing Reference	1/4 inch MNPT x 1/4 inch FNPT			1/4 inch MNPT x Bayonet	11/16 inch UNF x Bayonet
	.28 BAR	.55 BAR	1.72 BAR	.55 BAR	.55 BAR
EPDM/Red	4240N-F110	4240N-F120	4240N-F150	4240N-B020	4241N-B120U
Viton/Green	4240N-F110V	4240N-F120V	4240N-F150V	4240N-B020V	-

## Wet Boom Single Nozzle Bodies-No DCV



Single hose barb P/N	Hose ID
4201N-B102	½ inch clamp
4201N-B103	¾ inch clamp
4201N-B104	1 inch clamp

## Hose Barb Dry Boom Nozzle Bodies-No DCV



Single hose barb P/N	Double hose barb P/N	Triple hose barb P/N	Hose ID	
4231N-B101S	4231N-B101D	4231N-B101T	¾ inch	10 mm
4231N-B102S	4231N-B102D	4231N-B102T	½ inch	13 mm
4231N-B103S	4231N-B103D	4231N-B103T	¾ inch	19 mm

## ProStop™ Air-actuated On/Off Nozzle Control Valve



**New!**

Part Number	Description
PS3/4F-PN	ProStop™ valve assembly

"ProStop™ air-actuated valve can be specified in place of DCV on select ProFlo™ nozzle bodies, to order add 'PS' to nozzle body part numbers shown."

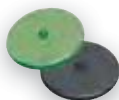
## Replacement Check Valve (DCV) includes Flynut, Housing and Spring



Housing Reference	Spring Pressure (BAR/Plunger Reference Color)				
	.28 BAR/Orange	.55 BAR/Black	.83 BAR/Yellow	1.38 BAR/Gray	1.72 BAR/Blue
Red	4200-0010	4200-0020	4200-0030	4200-0040	4200-0050
Green	4200-0010V	4200-0020V	4200-0030V	4200-0040V	4200-0050V

Red housing indicates for use with EPDM Seals. Green housing indicates for use with Viton Seals.  
Note: Diaphragms are sold separately.

## Replacement Diaphragm Seal Options for check valves



Option	Part Number	Color Reference
EPDM	4200-0004E	Black
Viton	4200-0004V	Green

## Replacement Nozzle Body Stem Seals



Part Number	Description/Material
1723-0142	10 mm Wet Boom Stem Seal-EPDM
1721-0220	10 mm Wet Boom Stem Seal-Viton

\* .55 bar Diaphragm check valve unless otherwise noted.