



## ProStop-E Nozzle Bodies with Integrated Valves

**Hypro ProStop-E Nozzle Bodies** are your cost-saving solution for delivering increased precision to your spraying operation by reducing misapplication, crop injury due to uneven or overapplication, and costly product waste. ProStop-E nozzle bodies are built from high-quality nylon that's both lightweight, durable, and compact enough to easily integrate onto almost any sprayer boom system. The boom nozzle body with integrated 12-volt solenoid valve provides instantaneous automatic on-off control at the individual nozzle, allowing for more accurate spraying around borders, waterways, and irregular field shapes.

**ProStop-E Single Nozzle Bodies** feature a robust quarter turn ball valve and an integrated 5-way turret for maximum spray nozzle versatility. Flow rate at 5 PSI pressure drop is 2.0 GPM.



**ProStop-E Dual Nozzle Bodies** offer greater adaptability and precision across a wider range of speeds and pressures. Designed with two, dual-nozzle outlets, **Hypro ProStop-E Dual nozzle bodies** also provide the added convenience of selecting between two different type nozzles – right from the comfort of the cab. Dual quarter turn ball valves enable the Dual ProStop nozzle body to handle between 1.7 and 2.4 GPM flow rates.



Whether you're after a cost-effective upgrade to your existing system or simply want to further optimize your operation, **Hypro ProStop-E valve nozzle bodies** provide precision spraying control right at the nozzle – ensuring you'll accurately spray only what and where you want for a sustainable, profitable yield.

### FEATURES & BENEFITS:

- Nylon boom nozzle body with integrated 12V solenoid valve and 5-way turret
- Provides individual on/off nozzle control for increased precision application
- Control individual nozzle actuation based on real time field maps from ISOBUS rate controller
- Reduce misapplication and waste with instantaneous (0.25 seconds) automatic nozzle shutoff control
- Spray less by controlling spraying around borders, waterways and irregular shape fields
- Reduce the risk of crop injury with enhanced uniformity of chemical application
- Eliminate the need for centralized valve banks allowing precise control at the nozzle body
- Cost-effective, easy installation on boom structures due to compact design
- Integrates with ISOBUS system for easy retrofit
- Leverage two actuation mode options:
  - Simple, 3-wire, 12-volt on/off actuation
  - Operate as an individually addressed valve on a CANbus/ISOBUS system
- Can be linked to CanNode, which provides CANbus interface for up to 32 valves
- Flow rate of 2.0 GPM at 5 PSI pressure drop
- Maximum operating pressure of 150 PSI

### PROSTOP-E DUAL NOZZLE BODIES ONLY:

- Supports increased speed range while maintaining droplet size control and optimizing spray efficacy
- Enjoy individual nozzle control with A, B, A+B functionality to compensate for speed and pressure changes
- Control individual nozzle actuation based on real time field maps from ISOBUS rate controller
- Automatically switches nozzles based on speed to provide droplet size stability over a wide speed range
- Switch between two different nozzles (A or B) from the cab of the machine instead of manually rotating the turret to switch nozzles (**must still manually rotate desired pair into operation**)
- Dual-outlet nozzle body system – turrets hold four total nozzles operated in pairs
- Allows use of industry-leading air induction nozzles to make a reliable spray application
- Leverage its two robust quarter turn ball valves
  - Flow rate of 1.7 GPM @ 5 PSI pressure drop, through one valve
  - Flow rate of 2.4 GPM @ 5 PSI pressure drop, through both valves



Part No.	Description	Boom Diameter/Clamp Size
HY 4211N-03	Single Nozzle Body, 5-Outlet Turret	3/4"
HY 4211N-04	Single Nozzle Body, 5-Outlet Turret	1"
HY 4214N-03	Dual Nozzle Body, 4-Nozzle Selector	3/4"
HY 4214N-04	Dual Nozzle Body, 4-Nozzle Selector	1"
HY 2520-0265	Daisy-chain Cable (12V Actuation), 2'	
HY 2520-0266	Daisy-chain Cable (12V Actuation), 3'	
HY 2520-0268	Daisy-chain Cable (12V Actuation), 10'	