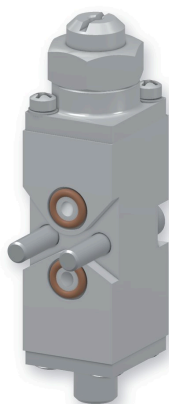




H200 Standard Module, AOSC, Ball and Seat

Entry level H200 ball and seat module, Air Open Spring Closed (AOSC), with the standard seal design. Replaces Nordson 1052925 in H200 guns.



Shown from the back (mounting face): 2 ports

Specifications

Replaces Nordson	1052925
Module family	H200 standard (ball and seat), entry level
Fits	H200 guns
Actuation	Air Open Spring Closed (AOSC)
Shut off	Carbide ball on a seat
Orifice	Set by the nozzle
Filter	None
Nozzle material	Brass (yellow)
Seal design	Standard, no pressure reduction system
Ports on the back	2 (hot melt, air open)
Air cap	Adjustable, slotted screw and lock nut
Store SKU	T10F29B5S

Features

- **Rulon air piston seals.** Rulon seals on the air piston.
- **PTFE spring seals.** Spring loaded PTFE seals in every module.
- **Swiss CNC machined.** Components are cut on Swiss CNC machines for precision and finish.

Filtered option: the ball and seat (filtered) modules T10F29B5S-F100 (100 mesh) and T10F29B5S-F200 (200 mesh) replace 1052925 AOSC modules. For small orifices (.008 and .012) or right angle applications, we recommend a filtered module.

Minimum applicator air pressure

To operate at this hydraulic pressure	Minimum applicator air
550 to 1,300 psi (38 to 90 bar)*	55 psi (3.8 bar)*
400 to 1,300 psi (28 to 90 bar)	65 psi (4.5 bar)
250 to 1,300 psi (17 to 90 bar)	75 psi (5.2 bar)

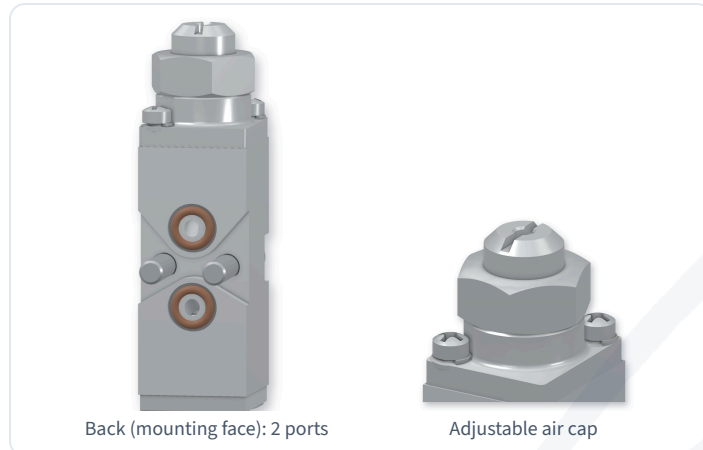
*HMSC factory setting. 60 psi (4.1 bar) is the nominal standard solenoid air pressure.

Set the applicator air at or above the minimum for your hydraulic pressure. Too little air pressure can keep the module from opening fully.

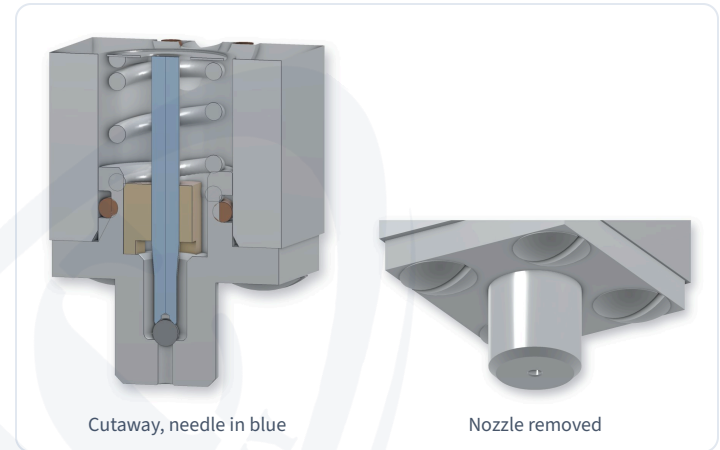
How we build and test every module

- 1 **Precision machined.** All machined components are made in an ISO 9001 certified machine shop and fully dimensionally inspected.
- 2 **Hand assembled.** Every module is assembled by hand, following our shop assembly procedure.
- 3 **Opening pressure test.** Every module is tested to make sure it opens at the minimum opening pressure.
- 4 **Functionality and flow test.** Our proprietary testing process checks that each module operates at high speed and fully opens and closes.
- 5 **Complete seal test.** A final proprietary test makes sure the module seals completely when closed.



**Air type: Air Open Spring Closed (AOSC)**

- Two ports on the back: hot melt and air open. There is no air close port.
- Adjustable air cap: slotted adjusting screw on top, and a lock nut holds the adjustment.
- Air opens the module and a spring closes it. The adjusting screw sets spring force.
- Quick tell with the module installed: a hex lock nut and slotted screw on top means AOSC. A plain round cap means AOAC.

Needle style: Standard (ball and seat)

- With the nozzle off, no needle is visible. You see only the seat face and its small outlet hole.
- A carbide ball on the needle closes against a seat inside the module.
- Nozzles are brass (yellow color).

Safety. Modules run at melt temperature and hold hydraulic and air pressure. Before removing a module or nozzle, relieve system pressure, shut off air to the gun and use heat resistant gloves and eye protection.

Related modules

HMS-M-1052927 (entry level, AOAC)

T10F29B5S-F100 (AOSC, filtered, 100 mesh)

T10F29B5S-F200 (AOSC, filtered, 200 mesh)