

Air Operated KISS™ Dispense Valves



2200-245-178-AA

- ▶ Double Air Operated Valve With Spring Assist
- ▶ Readily Mounted
- ▶ 'Zero-cavity' Nozzle In Different Sizes And Lengths
- ▶ Ideal For Stitching, High Speed Processes, Stringy Materials and Materials Sensitive to Air, Light or Moisture
- ▶ 0.12" ID Orifice
- ▶ Adjustable Flow Control
- ▶ Carbide Needle And 440C SS Hardened Seat
- ▶ Stainless Steel Wetted Components Available

The **2200-245-178 Series Tip-Seal 'Kiss' Valves** are used for the automated or manual application of beads, drops or stitches. They are typically used to with stringy materials, when a quick/clean shut-off is necessary or with material which cannot be left exposed to the atmosphere.

The double air operated valve allows high flow rates due to a less restrictive internal design. This increase in flow rate translates into lower supply pump operating pressures, less down time, and reduced maintenance costs.

Tip-Seal Kiss valves incorporate a carbide needle and 440C hardened nozzle design with

an abrasion resistant seal to increase its life cycle and reduce down time.

It's back-up spring insures the valve remains shut-off when the valve is closed or if air pressure is lost.

The alignment and mounting holes make fixturing simple; the multiple material inlet ports allow you to 'gang' valves together to a common material supply source for simultaneous dispensing from multiple valves.

Contact your Sealant Equipment representative for specific valve configurations to satisfy your requirements.

2200-245-178 Series Tip-Seal® Kiss Valves



**Tip-Seal Zero Cavity
Kiss dispense valve**



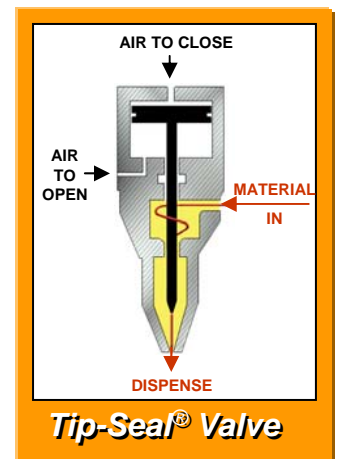
2200-245-139-AA

Specifications:

Max Operating Pressure: 4,000 P.S.I. (276 bar)
Material Inlet: Two (2) 1/4" N.P.T.F. (one plugged)
Material Outlet: 0.12 (3.05 mm) Orifice
Air To Open/Close: 1/8" N.P.T.F.
Min. Air Pressure: 60 P.S.I. (4.0 Bar)
Air Piston: Dia. 1.25" (31.75 mm); Stroke: .09" (2.29 mm)
Power Factor: 35.26: 1
Dimensions: 1.5" (38.1 mm) square; 7.67" (194.82 mm) (H)
Stroke 0.09" (2.29 mm)
Weight: 0.96 lbs. (.435 kgs.)
Mounting: Two (2) - #10 S.H.C.S. (.25" - .31" deep)
Dowel Pin Mounting Holes: .251" (5.461 mm) Dia. x .312 (7.93 mm) Deep

Additional Models:

| <u>Model</u> | <u>Nozzle Length</u> | <u>Orifice</u> | <u>Features</u> |
|-----------------|----------------------|-----------------|--|
| 2200-245-099-AA | 3.29" (83.57mm) | 0.180" (4.57mm) | Stainless Needle & Seat |
| 2200-245-139-AA | 3.29" (83.57mm) | 0.180" (4.57mm) | -099 w/o Stroke Adjustment |
| 2200-245-177-AA | 3.29" (83.57mm) | 0.180" (4.57mm) | -099 w/Carbide Needle & 440C Hardened Seat |



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