Dual spool, piston actuated material valve

Valve data

<table>
<thead>
<tr>
<th>Feature</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dry weight</td>
<td>3.2 lbs (1.45 kg) aluminum 4.4 lbs (1.99 kg) stainless</td>
</tr>
<tr>
<td>Maximum inlet fluid pressure</td>
<td>3,500 PSI (241 bar)</td>
</tr>
<tr>
<td>Minimum inlet air pressure</td>
<td>60 PSI (4.2 bar)</td>
</tr>
<tr>
<td>Operation</td>
<td>Double air operated; air to open, air to close</td>
</tr>
<tr>
<td>Material delivery</td>
<td>All 2-component meter-mix dispense systems</td>
</tr>
<tr>
<td>Viscosity range</td>
<td>Viscous liquid to paste</td>
</tr>
</tbody>
</table>

Application solutions

- All 2-component materials
- Aircraft and aerospace
- Appliance
- Automotive
- Battery
- Construction
- Electronics and electrical
- Filters
- Lighting and LED
- Solar and wind power

Benefits

- Longer lifespan
  - Wear-resistant seals and hardened components
  - Unrestricted internal design allows for the free flow of high viscosity materials
  - Divorced design separates fluid components from air components
- Quality dispensing
  - Adjustable piston stroke allows for Snuf-Bak control
  - Snuf-Bak feature creates immediate material shut off
- Exact consistency
  - Short stroke length produces immediate on/off control of materials being dispensed

Features

- Use in conjunction with Nordson EFD disposable mixers
- Available to disposable bayonet style static mixers
- Hardened and ground spools
- Unique design allows for easy maintenance
- Machined face plate with locating holes for dowel pins
- Easy repeatable mounting for automation platforms
- Available in aluminum or stainless steel fluid bodies
- Multiple seal configurations are available
Nordson expertise is always here when you need it

In highly competitive manufacturing markets, productivity is vital and performance is essential. That’s why we apply both to everything we do, whether it’s our products, expertise or outstanding customer service. We’ll always be there to help maintain the new standards you’ve set, with expert local service and support delivered through our teams working across the globe.

This unique Nordson approach helps you reach new levels of production, while working more accurately, efficiently and competitively than ever. Precisely why manufacturers who demand quality, can rely on Nordson.

Frequently used models**

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>7428688</td>
<td>Standard aluminum body with 7/8-14 adapter</td>
</tr>
<tr>
<td>7429043</td>
<td>Standard all stainless steel with 7/8-14 adapter</td>
</tr>
<tr>
<td>7435850</td>
<td>Standard all stainless steel with bayonet adapter</td>
</tr>
<tr>
<td>7429234</td>
<td>Standard aluminum body with 7/8-14 three port adapter (wide ratio)</td>
</tr>
<tr>
<td>7429957</td>
<td>Standard all stainless steel with 7/8-9 three port adapter (wide ratio)</td>
</tr>
</tbody>
</table>

* Consult your Nordson representative with application specifics for accurate valve capabilities.
+ Many additional models and options are available.

Performance by design

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Find out more at:
www.nordson.com/nse

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