**DESCRIPTION**

The WM80 is a bracket-mounted shuttle valve engineered for applications which operate with a moderate air flow rate. It functions as a double check valve, allowing two pressure sources to independently supply a single outlet. As long as there is a pressure differential between the two inlets, the shuttle seals off the one with the least pressure. WM80 valves are available with the option of an additional port for installation of a pressure gage or switch. This shuttle valve is commonly used in air brake systems where a hand valve and a treadle are both used to control the same function.

**SPECIFICATIONS**

- **Port size**: .......................................................... 3/8-18 NPTF
- **Maximum supply pressure**: ........................................... 150 PSI (1034 kPa)
- **Operating temperature**: .............................................. -20°F to 200°F (-29°C to 93°C)
- **Flow rating**: .......................................................... 200 SCFM @ 100 PSI (5.4 m³/min @ 690 kPa)
- **Mounting**: .......................................................... Optional
- **Mounting attitude**: .................................................... Bracket
- **Materials**: Body castings ........................................... Iridited die cast zinc alloy
- **Shuttle**: ............................................................... Brass
- **Shuttle chamber**: ..................................................... Brass
- **O-rings**: ............................................................... Buna N
- **Weight**: ............................................................... 15 oz (0.4 kg)
ORDERING INFORMATION

To order, specify **WM80** (suffix) _______(part number). Select suffix and part number below.

<table>
<thead>
<tr>
<th>Suffix</th>
<th>Part Number</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>WM80 No suffix</td>
<td>111231</td>
<td>Shuttle valve without auxiliary port</td>
</tr>
<tr>
<td>WM80 A</td>
<td>111232</td>
<td>Shuttle valve with auxiliary port for gage or switch</td>
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</tbody>
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WILLIAMS CONTROLS INDUSTRIES, INC. 14100 SW 72nd Avenue Portland, Oregon USA 97224 (503) 684-8600 Fax (503) 684-8610