METERING MANUAL BALL VALVE

FEATURES:

- For use with True Blue Ball Valves with or without ZC angle characterized balls, ½" - 2 sizes.
- Available as complete valve assembly or as kit for field retrofit.
- Metering parts fabricated from corrosion-resistant thermoplastic.

<table>
<thead>
<tr>
<th>KIT NUMBER</th>
<th>BALL VALVE SIZE</th>
<th>H</th>
<th>H1</th>
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<tbody>
<tr>
<td></td>
<td>IN.</td>
<td>MM.</td>
<td>IN.</td>
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<tr>
<td>MBVM-1.2</td>
<td>2.4</td>
<td>60.4</td>
<td>3.4</td>
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<tr>
<td>MBVM-1.6</td>
<td>3.2</td>
<td>81.0</td>
<td>4.4</td>
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<tr>
<td>MBVM-2.5</td>
<td>4.2</td>
<td>107.5</td>
<td>6.3</td>
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</tbody>
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Part numbers shown are for field retrofit. For new valve, add -M suffix to full part number. Example: MBV100VT-PV-C4-M.
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ASSEMBLY INSTRUCTIONS:

- If field retrofit, remove handle (item #2) from ball valve.
- First, with handle removed from valve, place the metering base (item #3) over the valve shaft and press down until it snaps onto ball valve shoulder.
- Second, align and press the metering pointer (item #4) onto the valve shaft. Screw the self-tapping fastener (item #5) through the hole on top of the metering pointer, firmly into the MBV shaft to secure the metering pointer.
- Finally, press the valve handle onto the metering pointer.
- The pointer will now indicate position of the ball. The valve begins to open at or near 15º, and is fully open at 90º. Adjust the handle to open/close the valve to increase/decrease the flow required.

ITEM NO. | DESCRIPTION | QTY.
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1 | BALL VALVE | 1
2 | MBV HANDLE | 1
3 | METERING BASE | 1
4 | METERING POINTER | 1
5 | DRILLING SCREW, PAN HEAD, #6-20 X 3/4" | 1
6 | METERING SCALE LABEL | 1