

# DIN EN ISO 3822-3:2018-04 (E)

## Acoustics - Laboratory tests on noise emission from appliances and equipment used in water supply installations - Part 3: Mounting and operating conditions for in-line valves and appliances (ISO 3822-3:2018)

---

<b>Contents</b>		Page
<b>European foreword</b>		<b>3</b>
<b>Foreword</b>		<b>4</b>
<b>Introduction</b>		<b>5</b>
<b>1 Scope</b>		<b>6</b>
<b>2 Normative references</b>		<b>6</b>
<b>3 Terms and definitions</b>		<b>6</b>
<b>4 Mounting</b>		<b>6</b>
4.1 General		6
4.1.1 General		6
4.1.2 Installation		6
4.1.3 Connection		7
4.2 Fitting to the test pipe		7
4.3 Mounting of in-line valves and appliances with screwed conditions		7
4.4 Mounting of in-line valves and appliances with provision for soldering in copper connecting pipes		7
4.5 Mounting of in-line valves and appliances fitted with copper connecting pipes		7
4.6 Mounting of in-line valves or appliances with two inlets		7
4.7 Discharge connection		8
<b>5 Test procedure</b>		<b>8</b>
5.1 General test conditions		8
5.1.1 General		8
5.1.2 Water temperature		8
5.1.3 Outlets		8
5.1.4 Flow regulating and discharge system		8
5.1.5 Test pressures		8
5.1.6 Water flow rate		8
5.2 Procedure for stop valves		9
5.3 Procedure for control valves		9
5.4 Procedure for valves and appliances operated by water flow		9
5.5 Procedure for automatic in-line valves or appliances operated by water pressure		10
5.6 Procedure for automatic in-line valves and appliances operated by water temperature		10
5.7 Procedure for "safety groups"		10
5.7.1 Safety groups without a pressure reducing valve		11
5.7.2 Safety groups with a pressure reducing valve		11
<b>6 Test report</b>		<b>11</b>
<b>Annex A (informative) Example of low noise flow resistance</b>		<b>12</b>
<b>Bibliography</b>		<b>13</b>