



**Table 2: Sizes • Movements • Design Pressures • Weights**

Expansion Joint Size Nom. I.D. Inch / (mm)		Neutral <sup>10</sup> Length Inch / (mm)		231 Movement Capability: <sup>1, 2</sup> From Neutral Position (Non-Concurrent)					Operating Conditions <sup>3</sup>			Weights lbs / (kgs) <sup>4</sup>		
				Axial Compression Inch / (mm)	Axial Extension Inch / (mm)	Lateral Deflection Inch / (mm)	Angular Deflection <sup>5</sup> (Degrees)	Torsional Rotation <sup>6</sup> (Degrees)	Thrust Factor <sup>7</sup> In <sup>2</sup> / (cm <sup>2</sup> )	Positive PSIG (Bar)	Vacuum Inches of Hg / (mm of Hg) <sup>8</sup>	Expansion Joint	Retaining Ring Set	Control Rod Assembly <sup>9</sup>
<b>6</b>	(150)	<b>6</b>	(152)	<b>1.6</b> (40)	<b>0.8</b> (20)	<b>0.7</b> (18)	<b>12.8</b>	<b>2</b>	<b>55.42</b> (358)	<b>190</b> (13)	<b>26</b> (660)	<b>11.0</b> (5.0)	<b>9.5</b> (4.3)	<b>4.0</b> (1.8)
		<b>7</b>	(178)											
		<b>8</b>	(203)											
		<b>9</b>	(229)											
		<b>10</b>	(254)											
<b>8</b>	(200)	<b>6</b>	(152)	<b>1.6</b> (40)	<b>0.8</b> (20)	<b>0.7</b> (18)	<b>9.7</b>	<b>2</b>	<b>89.95</b> (580)	<b>190</b> (13)	<b>26</b> (660)	<b>15.0</b> (6.8)	<b>14.5</b> (6.6)	<b>8.0</b> (3.6)
		<b>7</b>	(178)											
		<b>8</b>	(203)											
		<b>9</b>	(229)											
		<b>10</b>	(254)											
<b>10</b>	(250)	<b>12</b>	(305)	<b>1.6</b> (40)	<b>0.8</b> (20)	<b>0.7</b> (18)	<b>9.1</b>	<b>2</b>	<b>120.76</b> (779)	<b>190</b> (13)	<b>26</b> (660)	<b>23.0</b> (10.4)	<b>17.0</b> (7.7)	<b>10.0</b> (4.5)
		<b>8</b>	(203)											
		<b>9</b>	(229)											
		<b>10</b>	(254)											
		<b>14</b>	(356)											
<b>12</b>	(300)	<b>8</b>	(203)	<b>1.6</b> (40)	<b>0.8</b> (20)	<b>0.8</b> (20)	<b>7.6</b>	<b>2</b>	<b>172.03</b> (1110)	<b>190</b> (13)	<b>26</b> (660)	<b>34.0</b> (15.4)	<b>24.5</b> (11.0)	<b>10.0</b> (4.5)
		<b>9</b>	(229)											
		<b>10</b>	(254)											
		<b>12</b>	(305)											
		<b>14</b>	(356)											
<b>14</b>	(350)	<b>8</b>	(203)	<b>1.6</b> (40)	<b>0.8</b> (20)	<b>0.8</b> (20)	<b>6.5</b>	<b>2</b>	<b>221.67</b> (1430)	<b>130</b> (9.0)	<b>26</b> (660)	<b>40.0</b> (18.1)	<b>27.0</b> (12.3)	<b>12.0</b> (5.4)
		<b>9</b>	(229)											
		<b>10</b>	(254)											
		<b>12</b>	(305)											
		<b>14</b>	(356)											
<b>16</b>	(400)	<b>8</b>	(203)	<b>1.6</b> (40)	<b>0.8</b> (20)	<b>0.8</b> (20)	<b>5.7</b>	<b>2</b>	<b>277.59</b> (1791)	<b>115</b> (8.0)	<b>26</b> (660)	<b>47.0</b> (21.3)	<b>33.5</b> (15.2)	<b>15.0</b> (6.8)
		<b>9</b>	(229)											
		<b>10</b>	(254)											
		<b>12</b>	(305)											
		<b>14</b>	(356)											
<b>18</b>	(450)	<b>8</b>	(203)	<b>1.6</b> (40)	<b>0.8</b> (20)	<b>0.8</b> (20)	<b>5.1</b>	<b>2</b>	<b>339.80</b> (2192)	<b>115</b> (8.0)	<b>26</b> (660)	<b>56.0</b> (25.4)	<b>34.0</b> (15.5)	<b>16.0</b> (7.2)
		<b>9</b>	(229)											
		<b>10</b>	(254)											
		<b>12</b>	(305)											
		<b>14</b>	(356)											
<b>20</b>	(500)	<b>8</b>	(203)	<b>1.6</b> (40)	<b>0.8</b> (20)	<b>0.8</b> (20)	<b>5.7</b>	<b>2</b>	<b>408.28</b> (2634)	<b>115</b> (8.0)	<b>26</b> (660)	<b>67.0</b> (30.4)	<b>38.0</b> (17.3)	<b>16.0</b> (7.2)
		<b>9</b>	(229)											
		<b>10</b>	(254)											
		<b>12</b>	(305)											
		<b>14</b>	(356)											