

**Table 1. For ASME Standard CL150 Valves**

SERVICE TEMP (°C)	WORKING PRESSURE (KG/CM2)														
	LCC	LF2	WCC	WC6	WC9	C12A	CF8 / SS304 '#, @	CF8M / SS316 '#, @	CF3M	316L	CG8M	SS 317 '#, @	CF 8C '#, @	SS347	CK3MCuN CD3MMN CD3MWCuN
-20 TO 39	20.4	20.0	20.4	20.4	20.4	20.4	19.3	19.3	19.3	16.2	19.3	19.3	19.3	19.3	20.4
<b>93</b>	<b>18.3</b>	<b>18.3</b>	<b>18.3</b>	<b>18.3</b>	<b>18.3</b>	<b>18.3</b>	<b>16.2</b>	<b>16.5</b>	<b>16.5</b>	<b>13.7</b>	<b>16.5</b>	<b>16.5</b>	<b>17.9</b>	<b>17.9</b>	<b>18.3</b>
149	16.2	16.2	16.2	16.2	16.2	16.2	14.4	15.1	15.1	12.3	15.1	15.1	16.2	16.2	16.2
<b>204</b>	<b>14.1</b>	<b>14.1</b>	<b>14.1</b>	<b>14.1</b>	<b>14.1</b>	<b>14.1</b>	<b>13.4</b>	<b>13.7</b>	<b>13.7</b>	<b>11.2</b>	<b>13.7</b>	<b>13.7</b>	<b>14.1</b>	<b>14.1</b>	<b>14.1</b>
260	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	10.5	12.0	12.0	12.0	12.0	12.0
<b>316</b>	<b>9.8</b>	<b>9.8</b>	<b>9.8</b>	<b>9.8</b>	<b>9.8</b>	<b>9.8</b>	<b>9.8</b>	<b>9.8</b>	<b>9.8</b>	<b>9.8</b>	<b>9.8</b>	<b>9.8</b>	<b>9.8</b>	<b>9.8</b>	<b>9.8</b>
343	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8
<b>371</b>	---	<b>7.7</b>	<b>7.7</b>	<b>7.7</b>	<b>7.7</b>	<b>7.7</b>	<b>7.7</b>	<b>7.7</b>	<b>7.7</b>	<b>7.7</b>	<b>7.7</b>	<b>7.7</b>	<b>7.7</b>	<b>7.7</b>	<b>7.7</b>
399	---	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	7.7	6.7	6.7	6.7	6.7	6.7
<b>427</b>	---	<b>5.6</b>	<b>5.6</b>	<b>5.6</b>	<b>5.6</b>	<b>5.6</b>	<b>5.6</b>	<b>5.6</b>	<b>5.6</b>	<b>5.6</b>	<b>5.6</b>	<b>5.6</b>	<b>5.6</b>	<b>5.6</b>	---
454	---	---	---	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	---
<b>482</b>	---	---	---	<b>3.5</b>	<b>3.5</b>	<b>3.5</b>	<b>3.5</b>	<b>3.5</b>	---	---	<b>3.5</b>	<b>3.5</b>	<b>3.5</b>	<b>3.5</b>	---
510	---	---	---	2.5	2.5	2.5	2.5	2.5	---	---	2.5	2.5	2.5	2.5	---
<b>538</b>	---	---	---	<b>1.4</b>	<b>1.4</b>	<b>1.4</b>	<b>1.4</b>	<b>1.4</b>	---	---	<b>1.4</b>	<b>1.4</b>	<b>1.4</b>	<b>1.4</b>	---
566	---	---	---	1.4	1.4	1.4	1.4	1.4	---	---	---	1.4	1.4	---	---
<b>593</b>	---	---	---	<b>1.4</b>	<b>1.4</b>	<b>1.4</b>	<b>1.4</b>	<b>1.4</b>	---	---	---	<b>1.4</b>	<b>1.4</b>	---	---
621	---	---	---	---	---	1.4	1.4	1.4	---	---	---	1.4	1.4	---	---
<b>649</b>	---	---	---	---	---	<b>1.4</b>	<b>1.4</b>	<b>1.4</b>	---	---	---	<b>1.4</b>	<b>1.4</b>	---	---
677	---	---	---	---	---	---	1.4	1.4	---	---	---	1.4	1.4	---	---
<b>704</b>	---	---	---	---	---	---	<b>1.4</b>	<b>1.4</b>	---	---	---	<b>1.4</b>	<b>1.4</b>	---	---
732	---	---	---	---	---	---	1.4	1.4	---	---	---	1.4	1.4	---	---
<b>760</b>	---	---	---	---	---	---	<b>1.4</b>	<b>1.4</b>	---	---	---	<b>1.4</b>	<b>1.1</b>	---	---
788	---	---	---	---	---	---	1.4	1.4	---	---	---	1.4	0.7	---	---
<b>816</b>	---	---	---	---	---	---	<b>1.1</b>	<b>1.1</b>	---	---	---	<b>1.1</b>	<b>0.7</b>	---	---

Table information is extracted from the Valve—Flanged, Threaded, and Welding End ASME Standard B16.34 2. 2013. These tables must be used in accordance with the ASME standard. The user is advised that a valve used under the jurisdiction of the ASME Boiler and Pressure Vessel Code, ASME Code for Pressure Piping, or governmental regulations is subject to any limitation of that code or regulation. This includes any maximum temperature limitation for a material or rule governing the use of a material at a low temperature.”

#. Flanged end ratings terminate at 1000 °F.

@. At temperatures over 1000 °F, use material only when carbon content is 0.04% or higher.

