

## Standard Pressure-Temperature Ratings for ANSI Class 150 Valve Bodies<sup>(1)</sup>

SERVICE TEMPERATURE °F (°C)	WORKING PRESSURE, PSIG (BAR)										
	LCB	LCC	WCB	WCC	WC6	WC9	CF8 or 304	CF8M or 316	CF3M or 316L	CG8M or 317	CF8C or 347
-20 to 100 (-29 to 38) 200 (93)	265 (18.3) 250 (17.2)	290 (20.0) 260 (17.9)	285 (19.7) 260 (17.9)	290 (20.0) 260 (17.9)	290 (20.0) 260 (17.9)	290 (20.0) 260 (17.9)	275 (19.0) 230 (13.8)	275 (19.0) 235 (16.2)	275 (19.0) 235 (16.2)	275 (19.0) 235 (16.2)	275 (19.0) 255 (17.6)
300 (149) 400 (204)	230 (15.9) 200 (13.8)	230 (15.9) 200 (13.8)	230 (15.9) 200 (13.8)	230 (15.9) 200 (13.8)	230 (15.9) 200 (13.8)	230 (15.9) 200 (13.8)	205 (14.1) 190 (13.1)	215 (14.8) 195 (13.4)	215 (14.8) 195 (13.4)	215 (14.8) 195 (13.4)	230 (15.9) 200 (13.8)
500 (260) 600 (316)	170 (11.7) 140 (9.65)	170 (11.7) 140 (9.65)	170 (11.7) 140 (9.65)	170 (11.7) 140 (9.65)	170 (11.7) 140 (9.65)	170 (11.7) 140 (9.65)	170 (11.7) 140 (9.65)	170 (11.7) 140 (9.65)	170 (11.7) 140 (9.65)	170 (11.7) 140 (9.65)	170 (11.7) 140 (9.65)
650 (343) 700 (371)	125 (8.62) ---	125 (8.62) ---	125 (8.62) 110 (7.58)	125 (8.62) 110 (7.58)	125 (8.62) 110 (7.58)	125 (8.62) 110 (7.58)	125 (8.62) 110 (7.58)	125 (8.62) 110 (7.58)	125 (8.62) 110 (7.58)	125 (8.62) 110 (7.58)	125 (8.62) 110 (7.58)

1. Table information is extracted from the Valve - Flanged, Threaded, and Welding End, ASME Standard B16.34-1996. These tables must be used in accordance with the ASME standard.

## Standard Pressure-Temperature Ratings for ANSI Class 300 Valve Bodies<sup>(1)</sup>

SERVICE TEMPERATURE °F (°C)	WORKING PRESSURE, PSIG (BAR)										
	LCB	LCC	WCB	WCC	WC6	WC9	CF8 or 304	CF8M or 316	CF3M or 316L	CG8M or 317	CF8C or 347
-20 to 100 (-29 to 38) 200 (93)	695 (47.9) 655 (45.2)	750 (51.7) 750 (51.7)	740 (51.0) 675 (46.5)	750 (51.7) 750 (51.7)	750 (51.7) 750 (51.7)	750 (51.7) 750 (51.7)	720 (49.6) 600 (41.4)	720 (49.6) 620 (42.7)	720 (49.6) 620 (42.7)	720 (49.6) 620 (42.7)	720 (49.6) 660 (45.5)
300 (149) 400 (204)	640 (44.1) 620 (42.7)	730 (50.3) 705 (48.6)	655 (45.2) 635 (43.8)	730 (50.3) 705 (48.6)	720 (49.6) 695 (47.9)	730 (50.3) 705 (48.6)	530 (36.5) 470 (32.4)	560 (38.6) 515 (35.5)	560 (38.6) 515 (35.5)	560 (38.6) 515 (35.5)	615 (42.4) 575 (39.6)
500 (260) 600 (316)	585 (40.3) 535 (36.9)	665 (45.9) 605 (41.7)	600 (41.4) 550 (37.9)	665 (45.9) 605 (41.7)	665 (45.9) 605 (41.7)	665 (45.9) 605 (41.7)	435 (30.0) 415 (28.6)	480 (33.1) 450 (31.1)	480 (33.1) 450 (31.1)	480 (33.1) 450 (31.1)	540 (37.2) 515 (35.5)
650 (343) 700 (371)	525 (36.2) ---	590 (40.7) ---	535 (36.9) 535 (36.9)	590 (40.7) 570 (39.3)	590 (40.7) 570 (39.3)	590 (40.7) 570 (39.3)	410 (28.3) 405 (27.9)	445 (30.7) 430 (29.6)	445 (30.7) 430 (29.6)	445 (30.7) 430 (29.6)	505 (34.8) 495 (34.1)

1. Table information is extracted from the Valve - Flanged, Threaded, and Welding End, ASME Standard B16.34-1996. These tables must be used in accordance with the ASME standard.

## Standard Pressure-Temperature Ratings for ANSI Class 600 Valve Bodies<sup>(1)</sup>

SERVICE TEMPERATURE °F (°C)	WORKING PRESSURE, PSIG (BAR)										
	LCB	LCC	WCB	WCC	WC6	WC9	CF8 or 304	CF8M or 316	CF3M or 316L	CG8M or 317	CF8C or 347
-20 to 100 (-29 to 38) 200 (93)	1390 1315	1500 1500	1480 1350	1500 1500	1500 1500	1500 1500	1440 1200	1440 1240	1440 1240	1440 1240	1440 1320
300 (149) 400 (204)	1275 1235	1455 1410	1315 1270	1455 1410	1445 1385	1455 1410	1080 995	1120 1025	1120 1025	1120 1025	1230 1145
500 (260) 600 (316)	1165 1065	1330 1210	1200 1095	1330 1210	1330 1210	1330 1210	930 875	955 905	955 905	955 905	1080 1025
650 (343) 700 (371)	1045 ---	1175 ---	1075 1065	1175 1135	1175 1135	1175 1135	860 850	890 870	890 870	890 870	1010 990

1. Table information is extracted from the Valve - Flanged, Threaded, and Welding End, ASME Standard B16.34-1996. These tables must be used in accordance with the ASME standard.

## Special Pressure-Temperature Ratings for ANSI Class 150 NPT or BWE Valve Bodies<sup>(1)</sup>

SERVICE TEMPERATURE °F (°C)	WORKING PRESSURE, PSIG (BAR)										
	LCB	LCC	WCB	WCC	WC6	WC9	CF8 or 304	CF8M or 316	CF3M or 316L	CG8M or 317	CF8C or 347
-20 to 100 (-29 to 38) 200 (93)	265 (18.3) 265 (18.3)	290 (20.0) 290 (20.0)	290 (20.0) 290 (20.0)	290 (20.0) 290 (20.0)	290 (20.0) 290 (20.0)	290 (20.0) 290 (20.0)	290 (20.0) 255 (17.6)	290 (20.0) 265 (18.3)	290 (20.0) 265 (18.3)	290 (20.0) 265 (18.3)	290 (20.0) 275 (19.0)
300 (149) 400 (204)	265 (18.3) 265 (18.3)	290 (20.0) 290 (20.0)	290 (20.0) 290 (20.0)	290 (20.0) 290 (20.0)	290 (20.0) 290 (20.0)	285 (19.7) 280 (19.3)	230 (15.9) 210 (14.5)	240 (16.5) 220 (15.2)	240 (16.5) 220 (15.2)	240 (16.5) 220 (15.2)	250 (17.2) 235 (16.2)
500 (260) 600 (316)	265 (18.3) 265 (18.3)	290 (20.0) 290 (20.0)	290 (20.0) 275 (19.0)	290 (20.0) 290 (20.0)	290 (20.0) 290 (20.0)	275 (19.0) 275 (19.0)	200 (13.8) 185 (12.8)	205 (14.1) 195 (13.4)	205 (14.1) 195 (13.4)	205 (14.1) 195 (13.4)	230 (15.9) 220 (15.2)
650 (343) 700 (371)	260 (17.9) ---	290 (20.0) ---	270 (18.6) 265 (18.3)	290 (20.0) 275 (19.0)	290 (20.0) 280 (19.3)	275 (19.0) 275 (19.0)	185 (12.8) 180 (12.4)	190 (13.1) 185 (12.8)	190 (13.1) 185 (12.8)	190 (13.1) 185 (12.8)	215 (14.8) 210 (14.5)

1. Table information is extracted from the Valve - Flanged, Threaded, and Welding End, ASME Standard B16.34-1996. These tables must be used in accordance with the ASME standard.