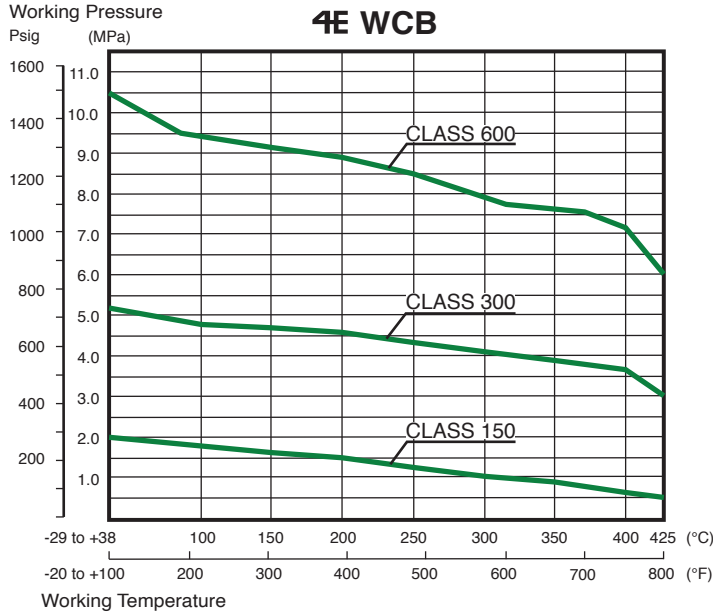




Pressure Temperature Ratings

In Accordance with ASME B16.34 for Press Temperature Ratings and API 598 for the Testing Pressures, charts and datas are provided as follows:



Pressure in psig.

Class 150					
Maximum Service Temp. Deg. F	A216 WCB	A217 WC6	A351 CF8	A351 CF8M	A182 F304L
	A105		A351 CF3	A351 CF3M	A182 F316L
			A182 F34	A182 F316	
-20 to 100	285	290	275	275	230
200	260	260	235	240	195
300	230	230	205	215	175
400	200	200	180	195	160
500	170	170	170	170	145
600	140	140	140	140	140
650	125	125	125	125	125
700	110	110	110	110	110
750	95	95	95	95	95
800	80	80	80	80	80
850		65	65	65	65
900		50	50	50	
950		35	35	35	
1000		20	20	20	
1050		20*	20*	20*	
1100		20*	20*	20*	
1150		20*	20*	20*	
1200		20*	20*	20*	
Hydrostatic Shell Test psig.	450		425		350
Hydrostatic Seat Test psig.	320		320		260

Note: * For welding end valve only. Flanged end ratings terminate at 1000 °F.

Pressure in psig.

Class 300					
Maximum Service Temp. Deg. F	A216 WCB	A217 WC6	A351 CF8	A351 CF8M	A182 F304L
	A105		A351 CF3	A351 CF3M	A182 F316L
			A182 F34	A182 F316	
-20 to 100	740	750	720	720	600
200	675	710	600	620	505
300	655	675	530	560	455
400	635	660	470	515	415
500	600	640	435	480	380
600	550	605	415	450	360
650	535	590	410	445	350
700	535	570	405	430	345
750	505	530	400	425	335
800	410	510	395	415	330
850		485	390	405	320
900		450	385	395	
950		380	375	385	
1000		225	325	365	
1050		140	310	360	
1100		95	260	325	
1150			195	275	
1200			155	205	
Hydrostatic Shell Test psig.	1125		1100		900
Hydrostatic Seat Test psig.	825		800		660

Pressure in psig.

Class 600					
Maximum Service Temp. Deg. F	A216 WCB	A217 WC6	A351 CF8	A351 CF8M	A182 F304L
	A105		A351 CF3	A351 CF3M	A182 F316L
			A182 F34	A182 F316	
-20 to 100	1480	1500	1440	1440	1200
200	1350	1425	1200	1240	1015
300	1315	1345	1055	1120	910
400	1270	1315	940	1030	825
500	1200	1285	875	955	765
600	1095	1210	830	905	720
650	1075	1175	815	890	700
700	1065	1135	805	865	685
750	1010	1065	795	845	670
800	825	1015	790	830	660
850		975	780	810	645
900		900	770	790	
950		755	750	775	
1000		445	645	725	
1050		275	620	720	
1100		190	515	645	
1150			390	350	
1200			310	310	
Hydrostatic Shell Test psig.	2250		2175		1800
Hydrostatic Seat Test psig.	1650		1600		1320