

V1-1 PRESSURE TEMPERATURE RATINGS

A182-F22 (2 1/4 Cr.- 1 Mo.)

MODEL No.*	ANSI Rating	TEMPERATURE, °C - PRESSURE, BARG																	
		-29 to 38	93	149	204	260	316	343	371	399	427	454	482	510	538	566	593	621	649
B7L1	900(1)	155	148	140	134	132	125	122	118	110	105	101	93	78	54	36	23	14	9
B8L1	1500 2250(2)	388	370	350	335	331	313	304	294	275	263	252	232	195	135	90	57	35	21
B0L1	2500 3100(2)	534	521	498	480	463	431	419	404	379	362	347	320	269	186	125	78	49	29
BAL7	3500 4000(2)	690	685	662	640	607	556	541	522	489	466	448	413	347	240	161	101	63	38
BBL7	4500(1)	776	776	753	730	684	625	608	587	550	525	504	465	391	270	181	113	71	42

A105 (Carbon Steel)**

MODEL No.*	ANSI Rating	TEMPERATURE, °C - PRESSURE, BARG													
		-29 to 38	93	149	204	260	316	343	371	399	427	454	482	510	538
B7C1	900(1)	155	140	136	131	124	113	111	110	104	85	56	36	21	11
B8C1	1500 2250(2)	388	349	339	328	310	283	278	276	261	213	138	89	53	27
B0C1	2500 3100(2)	534	481	468	451	427	390	383	380	359	293	191	122	74	37
BAC1	3500 4000(2)	690	620	603	583	550	503	494	490	463	378	246	158	95	47
BBC1	4500(1)	779	698	679	655	619	566	555	551	521	425	276	177	107	53

** per ASME/ANSI B16.34
Permissible, but not
recommended for
prolonged usage
above 427°C.

A182-F316 (316 Stainless Steel)

MODEL No.*	ANSI Rating	TEMPERATURE, °C - PRESSURE, BARG																	
		343	371	399	427	454	482	510	538	566	593	621	649	677	704	732	760	788	816
B723	900(1)	92	90	88	87	87	86	80	72	71	63	49	38	30	24	20	16	12	9
B823	1500 2250(2)	230	225	221	218	216	215	200	181	178	158	122	96	76	60	50	39	30	21
B023	2500 3100(2)	316	310	304	301	298	296	275	249	245	217	169	132	105	83	68	54	42	30
BA21	3500 4000(2)	408	399	393	388	384	382	355	322	316	280	218	170	135	107	88	69	54	38
BB21	4500(1)	459	449	442	437	432	430	400	362	355	315	245	191	152	121	99	78	60	43

A182-F91 (9Cr-1 Mo.)

MODEL No.*	ANSI Rating	TEMPERATURE, °C - PRESSURE, BARG																	
		-29 to 38	93	149	204	260	316	343	371	399	427	454	482	510	538	566	593	621	649
B791	900(1)	155	155	151	146	138	125	122	118	110	105	101	93	76	75	74	67	50	31
B891	1500 2250(2)	388	388	377	365	344	313	304	294	275	263	200	232	200	188	186	167	124	76
B091	2500 3100(2)	534	534	519	503	474	431	419	404	379	362	299	320	275	259	256	230	171	105
BA91	3500 4000(2)	690	690	670	649	611	556	541	522	489	466	431	413	355	334	331	296	221	135
BB91	4500(1)	776	776	753	730	687	625	608	587	550	525	504	465	400	376	372	333	248	152

(1) Standard Rating
(2) Interpolated Rating
NOTE: Working Pressures are in accordance with ASME/ANSI B16.34-1996; Standard Class Interpolated Ratings.
F-22 Limited Class 2250, 3100 & 4000 are available upon request.
* Add SW or BW to complete Model Number.



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