



TAPER PLUG VALVES

Pressure Test / Inspection

After assembling, before delivery, all Christensen Plug Valves pass through a careful pressure test. The test is carried out acc. to the following standards: ASME B 16.34, BS 1560, BS 6755 API 598 and ASME B16.1.

If the customer or his representative wants to participate at the test - or, if there are special requirements to the pressure testing, this must be arranged with the manufacturer and stipulated in the purchase order.

Material	ASME B 16.1		(1/2" to 12")		Class (14" to 36")				
			125	250				125	250
Semi Steel ASTM A126 Class B	Maximum Cold Working Pressure	PSI	200	500				150	300
		BAR	13,8	34,5				11	21
	Hydrostatic Shell Test	PSI BAR	300 20,7	750 51,8				230 16	450 30
Seat Test	Min. PSI Min. BAR	220 15,2	550 37,9				165 12		

Material			Class						
			150	300	400	600	900	1500	2500
Carbon Steel ASTM A216 Gr. WCB	Maximum Cold Working Pressure	PSI	285	740	990	1480	2220	3705	6170
		BAR	19,6	51,1	68,1	102,1	153,2	255,3	425,5
	Hydrostatic Shell Test	PSI BAR	450 30	1125 77	1500 103	2225 154	3350 230	5575 383	9275 639
Seat Test	Min. PSI Min. BAR	315 21,5	815 56,2	1090 74,9	1630 112,3	2442 168,5	4075 280,8	6787 468	

Material			Class						
			150	300	400	600	900	1500	2500
Carbon Steel ASTM A352 Gr. LCB	Maximum Cold Working Pressure	PSI	265	695	925	1390	2085	3470	5785
		BAR	18,4	47,9	63,8	95,9	143,8	239,4	399
	Hydrostatic Shell Test	PSI BAR	400 28	1050 72	1400 96	2100 144	3150 216	5225 360	8700 599
Seat Test	Min. PSI Min. BAR	292 20,2	765 52,7	1018 70,2	1529 105,5	2294 158,2	3817 263,3	6364 438,9	

Material			Class						
			150	300	400	600	900	1500	2500
Stainless Steel ASTM A351 Gr. CF8M	Maximum Cold Working Pressure	PSI	275	720	960	1440	2160	3600	6000
		BAR	19,0	49,6	66,2	99,3	148,9	248,1	413,6
	Hydrostatic Shell Test	PSI BAR	425 29	1100 75	1450 100	2175 149	3250 224	5400 373	9000 621
Seat Test	Min. PSI Min. BAR	303 20,9	792 54,6	1056 72,8	1584 109,2	2376 163,7	3960 272,9	6600 454,9	

Material			Class						
			150	300	400	600	900	1500	2500
ASTM A216 Gr. WCC ASTM A352 Gr. LCC ASTM A352 Gr. LC2 ASTM A890 Gr. 4A	Maximum Cold Working Pressure	PSI	290	750	1000	1500	2250	3750	6250
		BAR	20	51,7	69	103,4	155,2	258,6	431,0
	Hydrostatic Shell Test	PSI BAR	450 30	1125 78	1500 104	2250 156	3375 233	5625 388	9375 647
Seat Test	Min. PSI Min. BAR	319 22	825 56,9	1100 75,9	1650 113,7	2475 170,7	4125 284,5	6875 474	