

ASTM COMMON VALVE BODY MATERIALS ASME B16.34 CWP & API 598/API 6D HYDROSTATIC TEST PRESSURES IN BAR

ASTM Material Grade	ASME B16.34 (2017) Group	150#			300#			600#			800#			900#			1500#			2500#		
		CWP	Body Test	Seat Test	CWP	Body Test	Seat Test	CWP	Body Test	Seat Test	CWP	Body Test	Seat Test	CWP	Body Test	Seat Test	CWP	Body Test	Seat Test	CWP	Body Test	Seat Test
A105/WCB/LF2/LF3	1.1	19.60	29.40	21.56	51.10	76.65	56.21	102.10	153.15	112.31	136.10	204.15	149.71	153.00	229.4	168.3	255.30	382.95	280.83	425.50	638.25	468.05
WCC/LCC	1.2	19.80	29.70	21.78	51.70	77.55	56.87	103.40	155.10	113.74	137.83	206.75	151.62	155.00	232.50	175.00	258.60	387.90	284.46	430.9	646.35	473.99
LCB	1.3	18.40	27.60	20.24	48.00	72.00	52.80	96.00	144.00	105.60	127.97	191.95	140.76	144.00	216.00	158.40	240.10	360.15	264.11	400.10	600.15	440.11
F11/WC6	1.9	19.80	29.70	21.78	51.70	77.55	56.87	103.40	155.10	113.74	137.83	206.75	151.62	155.00	232.50	170.50	258.60	387.90	284.46	430.9	646.35	473.99
F22/WC9	1.10	19.80	29.70	21.78	51.70	77.55	56.87	103.40	155.10	113.74	137.83	206.75	151.62	155.00	232.50	170.50	258.60	387.90	284.46	430.9	646.35	473.99
F5a/C5	1.13	20.00	30.00	22.00	51.70	77.55	56.87	103.40	155.10	113.74	137.83	206.75	151.62	155.00	232.50	170.50	258.60	387.90	284.46	430.9	646.35	473.99
F5/F12	1.17	19.80	29.70	21.78	51.70	77.55	56.87	103.40	155.10	113.74	137.83	206.75	151.62	155.00	232.50	170.50	258.60	387.90	284.46	430.9	646.35	473.99
F304/F304H/304/CF10/CF8	2.1	19.00	28.50	20.90	49.60	74.40	54.56	99.30	148.95	109.23	132.37	198.55	145.60	148.80	232.20	163.70	248.20	372.30	273.02	413.70	620.55	455.07
F316/F316H/F317/316/CF3A/CF10M/CG3M/CF8A/CF8M/CG8M	2.2	19.00	28.50	20.90	49.60	74.40	54.56	99.30	148.95	109.23	132.37	198.55	145.60	148.80	232.20	163.70	248.20	372.30	273.02	413.70	620.55	455.07
F316L/F317L/304L/316L/TP304L/CF3/CF3M	2.3	15.90	23.85	17.49	41.40	62.10	45.54	82.70	124.05	90.97	110.24	165.36	121.26	124.00	186.00	136.40	206.80	310.20	227.48	344.70	517.05	379.17
F347/347/CF8C	2.5	19.00	28.50	20.90	49.60	74.40	54.56	99.20	144.88	109.10	132.30	198.40	145.50	148.80	232.20	163.70	248.80	372.10	272.8	413.40	620.10	454.7
F51/F55/F53/S31254/S31803/S32760/CK3MCuN/CE8MN/CD3MN/CD3MWCuN/A995 Gr. 4A/5A/6A	2.8	20.00	30.00	22.00	51.00	76.50	56.10	103.40	155.10	113.74	137.83	206.75	151.62	258.40	387.60	284.80	258.60	387.90	284.46	430.6	645.90	473.70
N04400/M35-1/M35-2 MONEL 400	3.4	15.90	23.85	17.49	41.40	62.10	45.54	82.70	124.00	90.90	110.20	165.40	121.30	124.00	186.00	136.40						
CN7M	3.17	15.90	23.85	17.49	41.40	62.10	45.54	82.70	124.00	90.90	110.20	165.40	121.30	124.00	186.00	136.40						

Refers ASME B16.34 (2017)