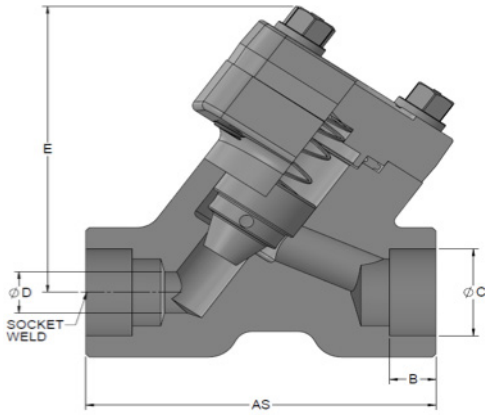
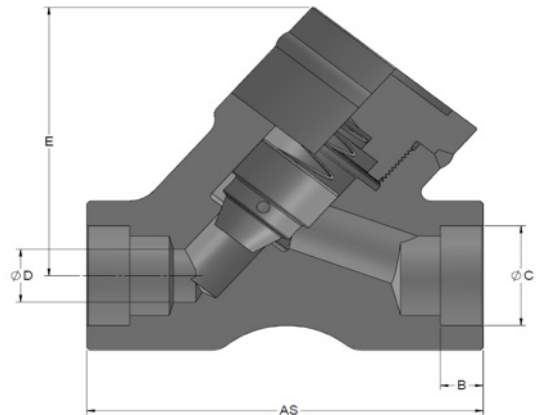


Y-Pattern Piston Check Valve Standard Port



510 Series: Bolted Bonnet



513 Series: Welded Bonnet

STANDARDS				
DESIGN:	API 602	PRESSURE CLASS:	NPT, SW & BW - 800, 1500	
	MSS SP-118		CONNECTIONS:	NPT - ASME B1.20.1
	ASME B16.34			SW - ASME B16.11
TESTING:	API 598		BW- ASME B16.25	

DIMENSIONS									WGT.(lb/kg)	
SIZE		AS [510]	AS [513]	B (Min)	C (Min)	D(Min)-SW	E-SW [510]	E-SW [513]	SW [510]	SW [513]
1/4	Inch	3.86	3.74	0.39	0.56	0.27	3.62	2.76	3.09	3.31
	mm	98	95	10	14.2	6.8	92.0	70.0	1.40	1.50
3/8	Inch	3.86	3.74	0.39	0.69	0.27	3.62	2.76	3.09	3.31
	mm	98	95	10	17.6	6.8	92.0	70.0	1.40	1.50
1/2	Inch	3.86	3.74	0.39	0.86	0.37	3.62	2.76	2.87	3.09
	mm	98.0	95.0	10.0	21.8	9.5	92.0	70.0	1.30	1.40
3/4	Inch	3.86	4.37	0.51	1.07	0.49	3.62	3.23	2.87	3.97
	mm	98.0	111.0	13.0	27.2	12.5	92.0	82.0	1.30	1.80
1	Inch	4.72	4.72	0.51	1.33	0.69	4.41	3.62	7.94	7.05
	mm	120.0	120.0	13.0	33.9	17.5	112.0	92.0	3.60	3.20
1-1/4	Inch	5.51	5.51	0.51	1.68	0.93	4.92	4.53	9.92	9.92
	mm	140.0	140.0	13.0	42.7	23.5	125.0	115.0	4.50	4.50
1-1/2	Inch	5.51	5.51	0.51	1.92	1.12	5.51	4.92	14.11	14.11
	mm	140.0	140.0	13.0	48.8	28.5	140.0	125.0	6.40	6.40
2	Inch	6.50	7.09	0.65	2.41	1.44	6.69	5.91	24.25	21.38
	mm	165.0	180.0	16.5	61.2	36.5	170.0	150.0	11.00	9.70

DIMENSIONS									WGT.(lb/kg)	
SIZE		AS [510]	AS [513]	B (Min)	C (Min)	D(Min)-SW	E-SW [510]	E-SW [513]	SW [510]	SW [513]
1/2	Inch	4.72	4.72	0.39	0.86	0.37	4.33	3.62	9.26	7.05
	mm	120.0	120.0	10.0	21.8	9.5	110.0	92.0	4.2	3.2
3/4	Inch	4.72	4.72	0.51	1.07	0.49	4.33	3.62	9.26	7.05
	mm	120.0	120.0	13.0	27.2	12.5	110.0	92.0	4.2	3.2
1	Inch	5.51	5.51	0.51	1.33	0.69	4.92	4.53	11.46	11.24
	mm	140.0	140.0	13.0	33.9	17.5	125.0	115.0	5.2	5.1
1-1/4	Inch	5.51	5.51	0.51	1.68	0.93	5.31	4.92	15.43	14.77
	mm	140.0	140.0	13.0	42.7	23.5	135.0	125.0	7.0	6.7
1-1/2	Inch	6.50	7.09	0.51	1.92	1.12	6.50	5.91	26.68	22.93
	mm	165.0	180.0	13.0	48.8	28.5	165.0	150.0	12.1	10.4
2	Inch	8.66	8.86	0.65	2.41	1.44	6.69	6.30	38.80	36.16
	mm	220.0	225.0	16.5	61.2	36.5	170.0	160.0	17.6	16.4