



PRESSURE FITTINGS

ACCESORIOS DE PRESIÓN



Swimming pool equipment

products productos



pressure fittings
accesorios de presión



ball valve
válvula de bola



válvula anti-retorno
check valve

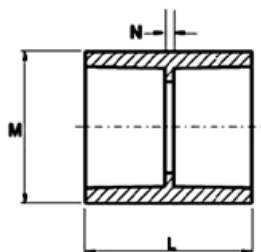


buterfly valve
válvula mariposa



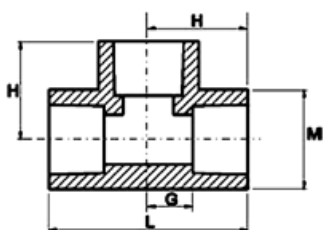
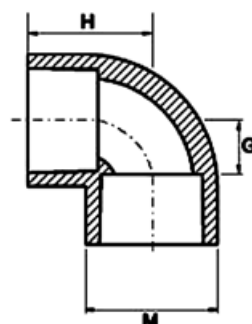
pressure fittings

PRESSURE FITTINGS & VALVES



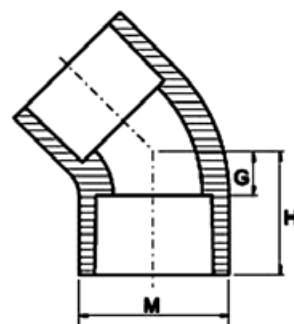
COUPLINGS (soc X soc)							
Item n°	Nom. size inch	M		N		L	
		Inch	mm	Inch	mm	Inch	mm
99990001	1-1/2	2.500	(63.50)	0.219	(5.56)	3.000	(76.20)
99990002	2	3.000	(76.20)	0.250	(6.35)	3.250	(82.55)
99990003	2-1/2	3.563	(90.50)	0.250	(6.35)	3.875	(98.43)
99990004	3	4.188	(106.36)	0.250	(6.35)	4.000	(101.60)
99990005	4	5.313	(134.94)	0.313	(7.94)	4.750	(120.65)

90° ELBOWS (soc X soc)							
Item n°	Nom. size inch	M		H		G	
		Inch	mm	Inch	mm	Inch	mm
99990007	1-1/2	2.375	(60.33)	2.500	(63.50)	1.063	(26.99)
99990008	2	2.875	(73.03)	2.781	(70.64)	1.219	(30.96)
99990009	2-1/2	3.500	(88.90)	3.375	(85.73)	1.625	(41.28)
99990010	3	4.188	(106.36)	3.750	(95.25)	1.844	(46.83)
99990011	4	5.250	(133.35)	4.656	(118.27)	2.406	(61.12)



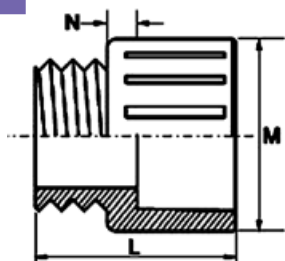
TEES (soc X soc X soc)									
Item n°	Nom. size inch	M		H		G		L	
		Inch	mm	Inch	mm	Inch	mm	Inch	mm
99990012	1-1/2	2.375	(60.33)	2.375	(60.33)	1.000	(25.40)	4.750	(120.65)
99990013	2	2.875	(73.03)	2.844	(72.23)	1.313	(33.34)	5.688	(144.46)
99990014	2	2.875	(73.03)	2.938	(74.61)	1.438	(36.51)	5.875	(149.23)
99990015	2-1/2	3.500	(88.90)	3.438	(87.31)	1.563	(39.69)	6.875	(174.63)
99990016	3	4.250	(107.95)	4.000	(101.60)	2.219	(56.36)	8.000	(203.20)
99990017	4	5.250	(133.35)	4.750	(120.65)	2.469	(62.71)	9.500	(241.30)

45° Elbows (soc X soc)							
Item n°	Nom. size inch	M		H		G	
		Inch	mm	Inch	mm	Inch	mm
99990018	1-1/2	2.375	(60.33)	1.906	(48.42)	0.500	(12.70)
99990019	2	2.875	(73.03)	2.188	(55.56)	0.656	(16.67)
99990020	2-1/2	3.500	(88.90)	2.500	(63.50)	0.844	(21.43)
99990021	3	4.125	(104.78)	2.875	(73.03)	1.000	(25.40)
99990022	4	5.250	(133.35)	3.406	(86.52)	1.156	(29.37)



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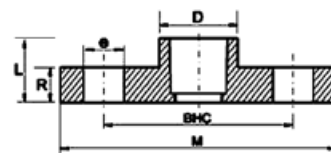


MALE ADAPTERS (mpt X soc)

Item n°	Nom. size inch	M		N		L	
		Inch	mm	Inch	mm	Inch	mm
99990023	1-1/2	2.375	(60.33)	0.250	(6.35)	2.688	(68.28)
99990024	2	2.875	(73.03)	0.313	(7.94)	2.875	(73.03)
99990025	2-1/2	3.500	(88.90)	0.375	(9.53)	3.688	(68.28)
99990026	3	4.188	(106.36)	0.375	(9.53)	3.938	(100.03)
99990027	4	5.375	(136.53)	0.438	(11.11)	4.500	(114.30)

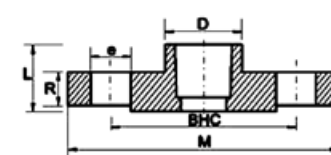
ONE-PIECE FLANGES (soc)

Item n°	Nom. size inch	M		L		D		R		BHC		e		Hole
		Inch	mm	Inch	mm	Inch	mm	Inch	mm	Inch	mm	Inch	mm	
99990028	3	7.500	(190.50)	2.313	(58.74)	4.375	(111.13)	0.875	(22.23)	6.000	(152.40)	0.500	(12.70)	4
99990029	4	9.063	(230.19)	2.500	(63.50)	5.438	(138.11)	1.188	(30.16)	7.500	(190.50)	0.500	(12.70)	4
99990030	5	10.063	(255.60)	3.188	(80.96)	6.375	(161.93)	1.000	(25.40)	8.500	(215.90)	0.750	(19.05)	8
99990031	6	11.000	(279.40)	3.250	(82.55)	7.563	(192.09)	1.250	(31.75)	9.500	(241.30)	0.750	(19.05)	8
99990032	8	13.438	(341.31)	4.500	(114.30)	9.750	(247.65)	1.428	(36.51)	11.750	(298.45)	0.750	(19.05)	8
99990033	10	16.563	(420.69)	9.250	(234.95)	11.375	(288.93)	1.188	(30.16)	14.250	(361.95)	1.000	(25.40)	12
99990034	12	19.000	(482.60)	8.188	(207.96)	13.375	(339.73)	0.938	(23.81)	17.000	(431.80)	1.000	(25.40)	12



VAN STONE FLANGES (soc) (two-pices)

Item n°	Nom. size inch	M		L		D		R		BHC		e		Hole
		Inch	mm	Inch	mm	Inch	mm	Inch	mm	Inch	mm	Inch	mm	
99990035	3	7.500	(190.50)	2.250	(57.15)	4.250	(107.95)	1.000	(25.40)	6.000	(152.40)	0.625	(15.88)	4
99990036	4	9.063	(230.19)	2.500	(63.50)	5.250	(133.35)	1.125	(28.58)	7.500	(190.50)	0.625	(15.88)	8
99990037	5	10.125	(257.18)	2.875	(73.03)	6.250	(158.75)	1.125	(28.58)	8.500	(215.90)	0.750	(19.05)	8
99990038	6	11.250	(285.75)	3.375	(85.73)	7.500	(190.50)	1.250	(31.75)	9.500	(241.30)	0.750	(19.05)	8
99990039	8	13.563	(344.49)	4.500	(114.30)	9.313	(236.54)	1.375	(34.93)	11.750	(298.45)	0.750	(19.05)	8
99990040	10	16.063	(407.99)	5.813	(147.64)	11.750	(298.45)	1.688	(42.86)	14.250	(361.95)	0.875	(22.23)	12
99990041	12	19.000	(482.60)	7.500	(190.50)	13.750	(349.25)	1.688	(42.86)	17.000	(431.80)	0.875	(22.23)	12



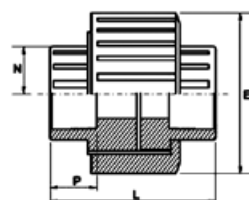
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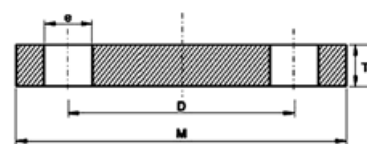
pressure fittings accesorios de presión

PRESSURE FITTINGS & VALVES

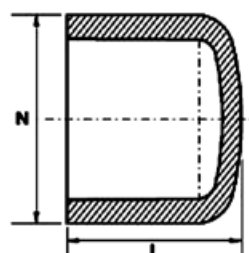
UNIONS									
Item n°	Nom. size inch	E		N		L		P	
		Inch	mm	Inch	mm	Inch	mm	Inch	mm
99990042	1-1/2	3.504 (89)		1.902 (48.3)		3.622 (92)		1.375 (34.90)	
99990043	2	3.976 (101)		2.374 (60.3)		4.016 (102)		1.500 (38.10)	
99990044	2-1/2	5.906 (150)		2.874 (73.0)		4.528 (115)		1.752 (44.50)	
99990045	3	7.677 (195)		3.539 (89.9)		6.260 (159)		1.874 (47.6)	
99990046	4	7.835 (199)		4.500 (114.3)		6.142 (156)		2.252 (57.20)	



BLIND FLANGES / BRIDAS CIEGAS										
Item n°	Nom. size inch	D		M		T		e		Hole
		Inch	mm	Inch	mm	Inch	mm	Inch	mm	
99990047	3	6.000 (152.40)		7.500 (190.50)		0.875 (22.23)		0.750 (19.05)		4
99990048	4	7.500 (190.50)		9.063 (230.19)		0.875 (22.23)		0.750 (19.05)		8
99990049	5	8.500 (215.90)		10.000 (254.00)		0.875 (22.23)		0.875 (22.23)		8
99990050	6	9.500 (241.30)		11.250 (285.75)		0.875 (22.23)		0.875 (22.23)		8
99990051	8	11.750 (298.45)		13.563 (344.39)		0.875 (22.23)		0.875 (22.23)		8
99990052	10	14.250 (361.95)		16.063 (407.99)		0.813 (20.64)		0.938 (23.81)		8
99990053	12	17.000 (431.80)		19.000 (482.60)		0.813 (20.64)		0.938 (23.81)		12



CAPS (soc) / TAPONES (enc)					
Item n°	Nom. size inch	N		L	
		Inch	mm	Inch	mm
99990054	1-1/2	2.313 (58.74)		2.063 (52.39)	
99990055	2	3.063 (77.79)		2.438 (61.91)	
99990056	2-1/2	3.563 (90.49)		2.688 (68.26)	
99990057	3	4.375 (111.13)		3.063 (77.79)	
99990058	4	5.438 (138.11)		3.500 (88.90)	



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TRUE UNION (Double union) BALL VALVE / SOCKET & THREAD TYPE

ANSI Item N°	N° Size DN-inch	D1	D2	D3	d		φe	n
					Socket	Thread		
99990059	25(1")	0.984	3.125	4.250	1.325	NPT1	0.625	4
99990060	32(1-1/4")	1.496	3.500	4.625	1.670	NPT1-1/4	0.625	4
99990061	40 (1-1/2")	1.496	3.875	5.000	1.912	NPT1-1/2	0.625	4
99990062	50(2")	1.89	4.750	6.000	2.387	NPT2	0.750	4
99990063	65(2-1/2")	2.58	5.500	7.000	2.889	NPT2-1/2	0.750	4
99990064	80(3")	3.071	6.000	7.500	3.515	NPT3	0.750	4
99990065	100 (4")	4.01	7.500	9.000	4.518	NPT4	0.750	8

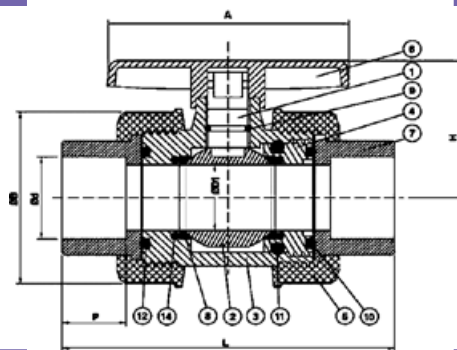


TRUE UNION (Double union) BALL VALVE / SOCKET & THREAD TYPE

ANSI Item N°	P	Socket	L Thread	Flange	A	T	H	B	test Press lb/in2
99990066	1.125	5.748	5.748	7.480	4.370	0.669	2.755	2.755	222
99990067	1.250	7.320	7.320	9.133	4.961	0.669	3.268	3.661	222
99990068	1.375	7.320	7.320	9.133	4.961	0.700	3.268	3.661	222
99990069	1.500	7.756	7.756	9.842	5.984	0.820	4.016	4.449	222
99990070	1.750	8.976	8.976	11.102	7.480	0.787	5.512	5.905	148
99990071	1.875	10.629	10.629	12.992	9.055	0.905	6.496	7.224	148
99990072	2.250	12.755	12.755	15.157	10.787	0.905	6.772	10.31	148

MATERIAL OF THE PARTS

Item	Parts	Pcs	Materials	Item	Parts	Pcs	Materials
1	STEM	1	UPVC	8	SEAT	2	
2	BALL	1	UPVC	9	STEM O-RING	1	EPDM
3	BODY	1	UPVC	10	SEAT CARRIER O-RING	1	EPDM
4	SEAT CARRIER	1	UPVC	11	BODY O-RING	1	EPDM
5	UNION NUT	2	UPVC	12	SOLID END O-RING	1	EPDM
6	HANDLE	1	ABS	13	FLANGE	2	UPVC
7	END CONNECTOR	2	UPVC				



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check valve válvula anti-retorno

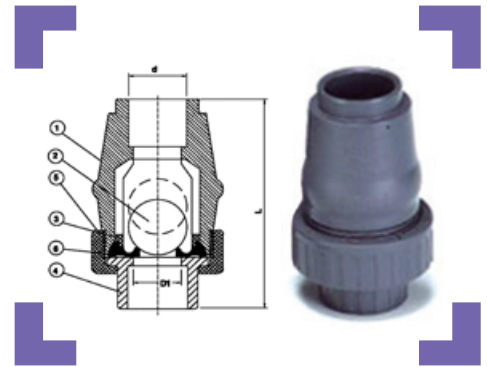
PRESSURE FITTINGS & VALVES

MATERIAL OF THE PARTS

Item	Parts	Pcs	Materials	Item	Parts	Pcs	Materials
1	Body	1	UPVC	7	Seat Carrier	1	UPVC
2	Ball	1	UPVC	8	Seat Carrier O' ring	1	EPDM
3	Washer	1	UPVC	9	Solid End O' ring	1	EPDM
4	End Connector	1. . DN15-50 2. . DN65-100	UPVC	10	Flanged End	2. . DN15-100 1. . DN150-250	UPVC
5	Union Nut	1. . DN15-50 2. . DN65-100	UPVC	11	Reinforcement Plate	4. . DN150 8. . DN250	SUS304(150A- 250A)
6	Seat	1	EPDM	12	Bolts on Reinforcement Plate	10. . DN150 20. . DN250	SUS304

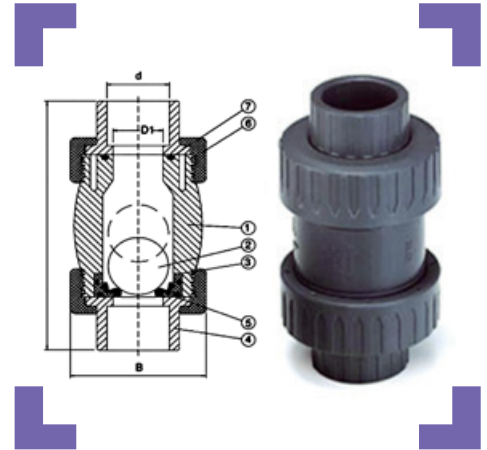
SINGLE UNION BALL CHECK VALVE (Vertical type)

Item N°	Size (inch)	D1	d		D2	D3	Unit: inch		L			T
			Screw	Socket			n	Φe	Screw	Socket	Flange	
99990073	2"	1.96	NPT	2.38	4.750	6.000	4	0.75	7.09	7.09	9.09	0.78
99990074	2 1/2"	2.36	NPT	2.88	5.500	7.000	4	0.75	8.89	8.89	10.87	0.80
99990075	3"	3.15	NPT	3.51	6.000	7.500	4	0.75	10.79	10.79	12.99	0.90
99990076	4"	3.74	NPT	4.51	7.500	9.000	8	0.75	14.45	14.45	16.41	0.92



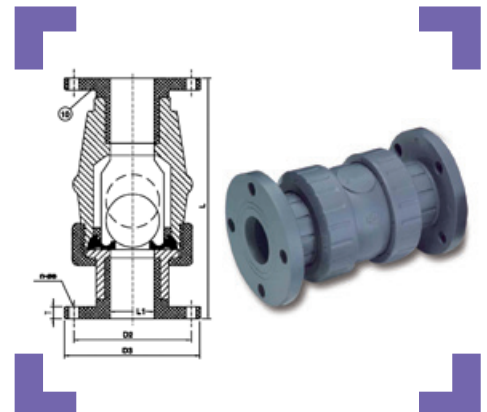
TRUE UNION BALL CHECK VALVE (Vertical type)

Item N°	Size (inch)	D1	d		D2	D3	Unit: inch		L			T
			Screw	Socket			n	Φe	Screw	Socket	Flange	
99990077	2"	1.96	NPT	2.38	4.750	6.000	4	0.75	7.09	7.09	9.09	0.78
99990078	2 1/2"	2.36	NPT	2.88	5.500	7.000	4	0.75	8.89	8.89	10.87	0.80
99990079	3"	3.15	NPT	3.51	6.000	7.500	4	0.75	10.79	10.79	12.99	0.90
99990080	4"	3.74	NPT	4.51	7.500	9.000	8	0.75	14.45	14.45	16.41	0.92



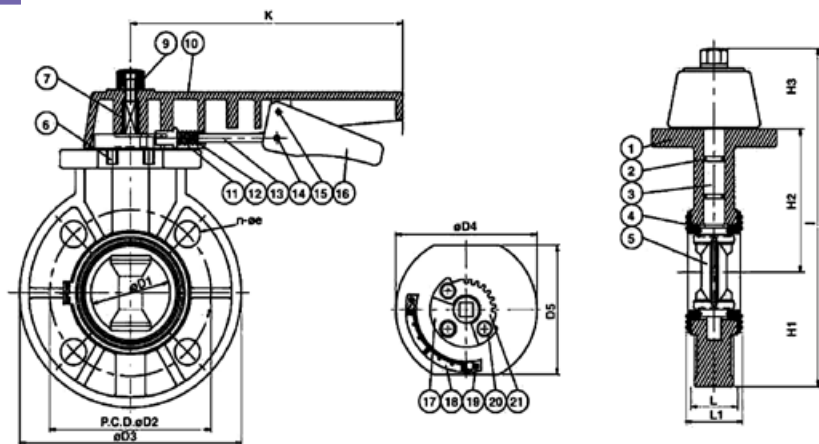
TRUE UNION BALL CHECK VALVE (Vertical type) FLANGE TYPE

Item N°	Size (inch)	D1	d		D2	D3	Unit: inch		L			T
			Screw	Socket			n	Φe	Screw	Socket	Flange	
99990081	2"	1.96	NPT	2.38	4.750	6.000	4	0.75	7.09	7.09	9.09	0.78
99990082	2 1/2"	2.36	NPT	2.88	5.500	7.000	4	0.75	8.89	8.89	10.87	0.80
99990083	3"	3.15	NPT	3.51	6.000	7.500	4	0.75	10.79	10.79	12.99	0.90
99990084	4"	3.74	NPT	4.51	7.500	9.000	8	0.75	14.45	14.45	16.41	0.92



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MATERIAL OF THE PARTS

Nº	Parts	Qty	Materials	Nº	Parts	Qty	Materials
1	Body	1	UPVC	12	Spring	1	SUS 304
2	Stem Oring	2	EPDM	13	Lever	1	SUS 304
3	Stem Oring	1	SUS 410, SUS 316	14	Setpin (short)	1	SUS 304
4	Seat	1	EPDM	15	Setpin (long)	1	SUS 304
5	Disc	1	UPVC	16	Lever	1	ABS
6	Bolt	1	NRASS, SUS 304	17	Positioner	1	PVC
7	Handle insert	1	FC 0208	18	Indicator	1	SUS 304
9	Stem bolt	1	PVC,BRASS	19	Bolt	2	SUS 304
10	Handle	1	ABS	20	Bolt	3	SUS 304
11	Handle cap	1	ABS	21	Teeth plate	1	SUS 304

BUTTERFLY VALVE - UNIVERSAL TYPE (with actuator direct mounting pad) / Lever handle type

Item Nº	Nom Size DN (inch)	D1	D2	D3	n	L	L1	D4	H1	H2	H3	I	K	D5
99990085	50 (2")	2.16	4.84	6.46	4	1.50	1.61	4.13	3.23	4.21	2.48	9.92	8.03	3.66
99990086	80 (3")	3.17	5.97	7.72	4	1.65	1.77	5.00	3.86	4.84	2.48	11.18	8.03	3.74
99990087	100(4")	3.94	7.16	8.85	8	1.89	2.00	5.27	4.43	5.49	2.68	12.60	9.96	3.94
99990088	150 (6")	5.98	9.44	11.26	8	2.20	2.13	6.69	9.63	7.00	3.39	16.02	11.69	3.98
99990089	200 (8")	7.87	11.7	13.54	8	2.40	2.52	7.52	6.77	8.35	3.39	18.50	11.69	4.31

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