

SIZING TABLES





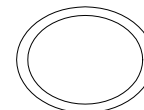
INDEX OF SIZING TABLES

Description	Code	Page
AIRCOM Classic pipe	AIRTU	21
Coupling sleeve f/f for gluing	AIRMA	21
90° elbow f/f for gluing	AIRGO90	21
45° elbow f/f for gluing	AIRGO45	21
90° Ti f/f/f for gluing	AIRTE	22
Cover f for gluing	AIRCA	22
Union f/f for gluing	AIRBO	22
Reduced 90° Ti f/f for gluing	AIRTR	23
Reduction m/f/f	AIRBR	23
Quick branch plug f	AIRDER	24
Quick branch plug ,f thread, brass	AIRDERFF	24
Flat collar f for gluing	AIRCO	25
Free flange PPR	AIRFLPP	25
Through sleeve R. f/f inc. threading	AIRMP	25
Through adapter R. m/f inc. threading	AIRAP	25
Nipple sleeve f/m/m inc. threading	AIRMA	25
Brass through union f/f inc. threading	AIRBPO	26
Brass through union f/m	AIRBPM	26
90° through elbow f/f	AIRGP	26
Through Ti f/f/f	AIRTP	26
90° cross f/f/f/f	AIRCRO	26
Ball valve f/f for gluing	AIRVA	27
Industrial ball valve	AIRVAI	27
Single screw-nut, through flow ball cock, f	AIRVAMO	27

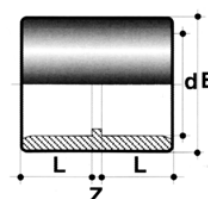


AIRCUM Classic pipe

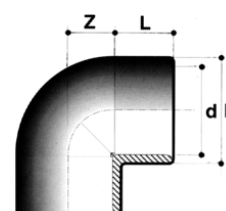
d	dn	Code	imb	Pn	Spessore	Peso Kg/m	d int
20	15	AIRU020	80	13	2,1	0,19	15,8
25	20	AIRU025	60	13	2,5	0,3	20
32	25	AIRU032	40	13	3,2	0,49	25,6
40	32	AIRU040	20	13	3,8	0,76	32,4
50	40	AIRU050	16	13	4,9	1,19	40,2
63	50	AIRU063	12	13	5,8	1,9	51,4
90	80	AIRU090	4	13	7,7	3,84	74,6
110	100	AIRU110	4	13	9,5	4,86	91


Coupling sleeve f/f for gluing

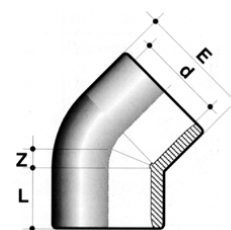
d	dn	Code	imb	L	Z	E	gr
20	15	AIRMA020	10	16	3	28	15
25	20	AIRMA025	10	19	3	34	23
32	25	AIRMA032	10	22	3	42	36
40	32	AIRMA040	10	26	3	51	60
50	40	AIRMA050	10	31	3	61	85
63	50	AIRMA063	5	38	3	75	145
90	80	AIRMA090	5	51	5	106	353
110	100	AIRMA110	5	61	6	129	605


90° elbow f/f for gluing

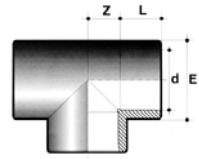
d	dn	Code	imb	L	Z	E	gr
20	15	AIRGO90020	10	16	11	26,5	20
25	20	AIRGO90025	10	19	14	32,5	35
32	25	AIRGO90032	10	22	17	41	50
40	32	AIRGO90040	10	26	23	50	90
50	40	AIRGO90050	10	31	28	60	135
63	50	AIRGO90063	5	38	34	75	247
90	80	AIRGO90090	5	51	48	106	620
110	100	AIRGO90110	5	61	58	129	1.060


45° elbow f/f for gluing

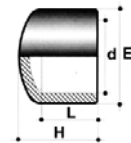
d	dn	Code	imb	L	Z	E	gr
20	15	AIRGO45020	10	16	5,5	28	17
25	20	AIRGO45025	10	19	6	34	30
32	25	AIRGO45032	10	22	8	42	47
40	32	AIRGO45040	10	26	10	51	77
50	40	AIRGO45050	10	31	12	61	115
63	50	AIRGO45063	5	38	15	75	190
90	80	AIRGO45090	5	51	21	106	485
110	100	AIRGO45110	5	61	25	128	835



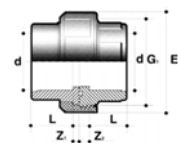
90° Ti f/f for gluing							
d	dn	Code	imb	L	Z	E	gr
20	15	AIRTE020	10	16	11	27,5	25
25	20	AIRTE025	10	19	14	33,5	44
32	25	AIRTE032	10	22	17	42	75
40	32	AIRTE040	10	26	21	51	120
50	40	AIRTE050	10	31	26	61	183
63	50	AIRTE063	5	38	33	75	315
90	80	AIRTE090	5	51	47	106	790
110	100	AIRTE110	5	61	57	129	1.330



Cover f for gluing							
d	dn	Code	imb	L	H	E	gr
20	15	AIRCA020	10	16	27	28	10
25	20	AIRCA025	10	19	31	33	18
32	25	AIRCA032	10	22	36	41	30
40	32	AIRCA040	10	26	43	50	45
50	40	AIRCA050	10	31	49	60	70
63	50	AIRCA063	5	38	57	75	120
90	80	AIRCA090	5	51	80	106	295
110	100	AIRCA110	5	61	92	129	490

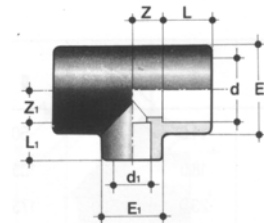


Union f/f for gluing							
d	dn	Code	imb	L	Z	E	gr
20	15	AIRBO020	10	16	13	42	42
25	20	AIRBO025	10	19	13	52	70
32	25	AIRBO032	10	22	13	59	97
40	32	AIRBO040	10	26	15	72	155
50	40	AIRBO050	10	31	17	79	216
63	50	AIRBO063	5	38	21	96	340



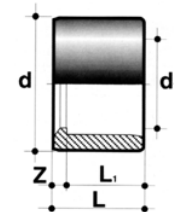
Reduced 90° Ti f/f for gluing

dxd1	dn	Code	imb	L	L ₁	Z	E	E ₁	gr
25x20	20x15	AIRTR025020	10	19	16	14	33,5	28	42
32x20	25x15	AIRTR032020	10	22	16	17	42	28	69
32x25	25x20	AIRTR032025	10	22	19	17	42	33	70
40x20	32x15	AIRTR040020	10	26	16	21	51	28	112
40x25	32x20	AIRTR040025	10	26	19	21	51	34	115
50x20	40x15	AIRTR050020	10	31	16	26	61	28	155
50x25	40x20	AIRTR050025	10	31	19	26	61	34	166
50x32	40x25	AIRTR050032	10	31	22	26	61	42	170
63x20	50x15	AIRTR063020	5	38	16	33	75	28	268
63x25	50x20	AIRTR063025	5	38	19	33	75	34	270
63x32	50x25	AIRTR063032	5	38	22	33	75	42	275
90x40	80x32	AIRTR090040	5	51	26	47	106	51	702
110x50	100x40	AIRTR110050	5	61	31	57	129	61	1.250

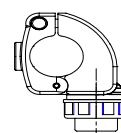


Reduction m/f/f

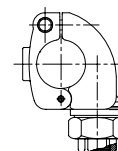
d	dn	Code	imb	L	L ₁	ZZ ₁	gr
25x20	20x15	AIRBR025020	10	19	16	3	6
32x20	25x15	AIRBR032020	10	22	16	6	15
32x25	25x20	AIRBR032025	10	22	19	3	10
40x20	32x15	AIRBR040020	10	26	16	10	29
40x25	32x20	AIRBR040025	10	26	19	7	28
40x32	32x25	AIRBR040032	10	26	22	4	19
50x25	40x20	AIRBR050025	10	31	19	12	45
50x32	40x25	AIRBR050032	10	31	22	9	45
50x40	40x32	AIRBR050040	10	31	26	5	35
63x32	50x25	AIRBR063032	5	38	22	16	83
63x40	50x32	AIRBR063040	5	38	26	12	83
63x50	50x40	AIRBR063050	5	38	31	7	61
90x50	80x40	AIRBR090050	2	51	31	20	210
90x63	80x50	AIRBR090063	2	51	38	13	180
110x63	100x50	AIRBR110063	2	61	38	23	372
110x90	100x80	AIRBR110090	2	61	51	10	262



Quick branch plug f									
dxdl	dn	Code	imb	L	L ₁	Z	E	E ₁	gr
25x20		AIRDER025020	5						
32x20		AIRDER032020	5						
40x20		AIRDER040020	5						
40x25		AIRDER040025	5						
50x20		AIRDER050020	5						
50x25		AIRDER050025	5						
63x20		AIRDER063020	5						
63x25		AIRDER063025	5						
63x32		AIRDER063032	5						

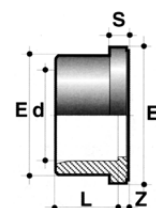


Quick branch plug ,f thread, brass									
dxdl	dn	Code	imb	L	L ₁	Z	E	E ₁	gr
25x48		AIRDERFF025048	5						
32x48		AIRDERFF032048	5						
40x48		AIRDERFF040048	5						
40x68		AIRDERFF040068	5						
50x48		AIRDERFF050048	5						
50x68		AIRDERFF050068	5						
63x48		AIRDERFF063048	5						
63x68		AIRDERFF063068	5						
63x88		AIRDERFF063088	5						

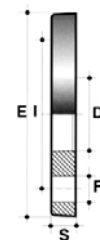


Flat collar f for gluing

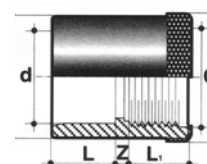
d	dn	Code	Imballo	L	Z	S	E	E ₁	Gr
32	25	AIRCO032	6	22	3	7	41	50	25
40	32	AIRCO040	6	26	3	8	50	61	40
50	40	AIRCO050	6	31	3	8	61	73	60
63	50	AIRCO063	6	38	3	9	76	90	113
90	80	AIRCO090	2	51	5	11	108	125	263
110	100	AIRCO110	2	61	5	12	131	150	420


Free flange PPR

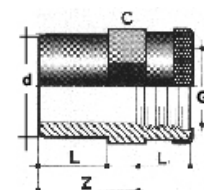
d	dn	Code	imb	D	E	S	I	F	n.fori	Bulloni	gr
32	25	AIRFLPP032	6	42	115	12	85	14	4	M12x60	250
40	32	AIRFLPP040	6	51	140	16	100	18	4	M12x60	500
50	40	AIRFLPP050	6	63	150	16	110	18	4	M12x60	570
63	50	AIRFLPP063	6	78	165	20	125	18	4	M16x80	690
90	80	AIRFLPP090	2	109	200	22	160	18	8	M16x90	970
110	100	AIRFLPP110	2	133	220	22	180	18	8	M16x100	1040


Through sleeve R. f/f inc. threading

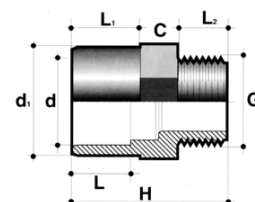
dxG	Code	imb	L	L ₁	Z	F	E ₁	gr
20x1.1/2"	AIRMP020048	10	16	15	4	28	29	23
25x3/4"	AIRMP025068	10	19	16,3	6	34	35	32
32x1"	AIRMP032088	10	22	19,1	6	42	43	47
40x1.1/4"	AIRMP040108	10	26	21,4	8	50,5	51,5	78
50x1.1/2"	AIRMP050128	10	31	21,4	13	61	62	107
63x2"	AIRMP063168	5	38	25,7	15	75	76	180


Through adapter R. m/f inc. threading

dxG	Code	imb	L	L ₁	E	Z	C	gr
40x1.1/4"	AIRAP040108	10	26	21,4	51,5	36	55	75
50x1.1/2"	AIRAP050128	10	31	21,4	61	41	60	92
63x2"	AIRAP063168	5	38	25,7	76	48	75	150

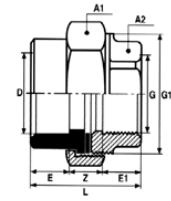

Nipple sleeve f/m/m inc. threading

dx d ₁ x G	Code	imb	L	L ₁	L ₂	H	C	gr
16x20x3/8"	AIRMN016038	10	14	14	11,4	40	24	10
16x20x1/2"	AIRMN016048	10	14	16	15	43	24	11
20x25x1/2"	AIRMN020048	10	16	16	15	46	27	15
20x25x3/4"	AIRMN020068	10	16	19	16,3	47	30	18
25x32x3/4"	AIRMN025068	10	19	19	16,3	50	36	26
25x32x1"	AIRMN025088	10	19	22	19,1	53	36	30
32x40x1"	AIRMN032088	10	22	26	19,1	57	42	40
32x40x1.1/4"	AIRMN032108	10	22	26	21,4	6	46	45
40x50x1.1/4"	AIRMN040108	10	26	31	21,4	66,5	55	75
40x50x1.1/2"	AIRMN040128	10	26	31	21,4	66,5	55	77
50x63x1.1/2"	AIRMN050128	10	31	38	21,4	74	65	113
50x63x2"	AIRMN050168	5	31	38	25,7	78	65	120
63x75x2"	AIRMN063168	5	38	44	25,7	84	75	150



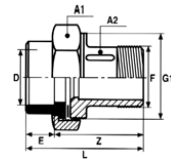
Brass through union f/f inc. threading

dxG	Code	imb	Z	E	E ₁	G ₁	A ₁	A ₂	L
20x1/2"	AIRBP020048	5	13	16	16	1"	36	27	45
25x3/4"	AIRBP025068	5	12	19	17	1.1/4"	45	32	48
32x1"	AIRBP032088	5	14	22	19	1.1/2"	52	38	55
40x1.1/4"	AIRBP040108	5	14	26	22	2"	66	47	62
50x1.1/2"	AIRBP050128	5	13	31	23	1.1/4"	72	53	67
63x2"	AIRBP063168	5	12	38	27	2.3/4"	89	65	77



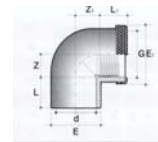
Brass through union f/m

dxF	Code	imb	dn	Z	E	A ₁	A ₂	G ₁	L
20x1/2"	AIRBPM20048	5	15	33	18	36	21	1"	51
25x3/4"	AIRBPM25068	5	20	51	19	45	28	1.1/4"	70
32x1"	AIRBPM32088	5	25	56	23	52	33	1.1/2"	78
40x1.1/4"	AIRBPM40108	5	32	58	27	66	42	2"	85
50x1.1/2"	AIRBPM50128	5	40	63	32	72	48	2.1/4"	95
63x2"	AIRBPM63168	5	50	70	38	89	60	2.3/4"	108



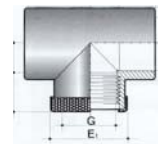
90° through elbow f/f

dxG	Code	imb	L	L ₁	Z	Z ₁	E	gr
20x1/2"	AIRGP020048	10	16	15	11	46	26,5	15
25x3/4"	AIRGP025068	10	19	16,3	14	50	32,5	27
32x1"	AIRGP032088	10	22	19,1	17	57	41	48



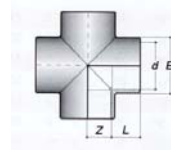
Through Ti f/f/f

dxG	Code	imb	L	L ₁	Z	Z ₁	E	gr
20x1/2"	AIRTP020048	10	16	15	11	12	27,5	25
25x3/4"	AIRTP025068	10	19	16,3	14	16,7	33,5	38
32x1"	AIRTP032088	10	22	19,1	17	19,9	42	69

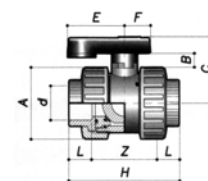


90° cross f/f/f/f

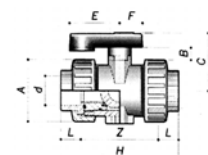
d	dn	Code	imb	L	Z	E	gr
20	15	AIRCRO020	5	16	11	27,5	26
25	20	AIRCRO025	5	19	14	33,5	41
32	25	AIRCRO032	5	22	17	42	72
40	32	AIRCRO040	5	26	21	51	114
50	40	AIRCRO050	5	31	26	61	233
63	50	AIRCRO063	5	38	33	75	411



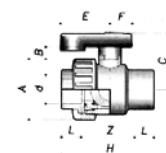
Ball valve f/f for gluing										
d	dN	Code	L	Z	H	A	B	C	E	F
20	15	AIRVA020	16	48	80	50	10	48	39	19
25	20	AIRVA025	19	53	91	60	11	54	47	22
32	25	AIRVA032	22	58	102	68	13	62	55	25
40	32	AIRVA040	26	68	120	80	18	75	60	30
50	40	AIRVA050	31	78	140	96	20	87	68	35
63	50	AIRVA063	38	93	169	116	20	101	80	40



Industrial ball valve										
d	dN	Code	L	Z	H	A	B	C	E	F
32	25	AIRVAI32	22	84	128	68	13	62	55	25
40	32	AIRVAI40	26	95	147	80	18	75	60	30
50	40	AIRVAI50	31	101	163	96	20	87	68	35
63	50	AIRVAI63	38	121	197	116	20	101	80	40
90	80	AIRVAI90	51	139	241	166	28	138	100	50
110	100	AIRVAI110	61	159	281	210	28	160	120	60



Single screw-nut, through flow ball cock, f										
d	dN	Code	L	Z	H	A	B	C	E	F
20X1/2"	15	AIRVAMO048	16	44	76	50	10	48	39	19
25X3/4"	20	AIRVAMO068	19	52	90	60	11	54	47	22

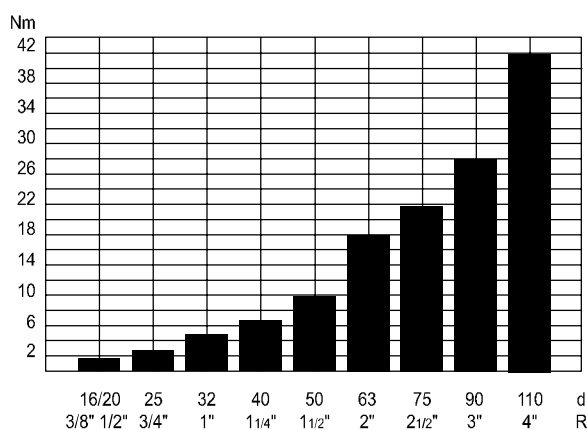


TECHNICAL DATA FOR BALL VALVES

The compact AIRVAI through ball valve combines ease of use with total sealing.

Torque

The figures shown in the graph refer to the maximum torque required to open or close the valve to max. operating pressure.



Pressure according to temperature

