



Main Features:-

- ◆ Patented Easyfit system that controls union nut rotation
- ◆ Connection for solvent weld, threaded and flanged joints
- ◆ PN16 True-Union Valve body manufactured in ISO9393 PVC-U
- ◆ Floating full bore ball with a high quality surface finish
- ◆ PVC-U and EPDM or FPM for compliance with water, drinking water and other food substances regulations

Suitable Applications & Approvals:



VXE DN 10/50 uPVC

EU MANUFACTURER:

The FIP VXE DUAL BLOCK® valve is a high quality, thermoplastic, true union Easyfit ball valve with a design that meets the stringent requirements needed by modern industrial applications.

TECHNICAL SPECIFICATIONS

Construction	Easyfit 2-way True Union ball valve with locked carrier.
Size Range	DN 10 ÷ 50
Nominal Pressure	PN 16 with water at 20 °C
Operating Temperature	0 °C ÷ 60 °C
Coupling Standards	Solvent welding: EN ISO 1452, EN ISO 15493, BS 4346-1, DIN 8063, NF T54-028, ASTM D 2467, JIS K 6743. Pipe coupling capacity according to EN ISO 1452, EN ISO 15493, DIN 8062, NF T54-016, ASTM D 1785, JIS K 6741 Thread: ISO 228-1, DIN 2999, ASTM D 2467, JIS B 0203
Reference Standards	Construction criteria: EN ISO 16135, EN ISO 1452, EN ISO 15493 Test methods and requirements: ISO 9393 Installation criteria: DVS 2204, DVS 2221, UNI 11242
Valve Material	PVC-U
Seal Material	EPDM, FPM (standard size O-Ring); PTFE (ball seats)

This product is NOT compatible for mounting with standard pneumatic or electric actuators that use standard ISO5211 profiles.



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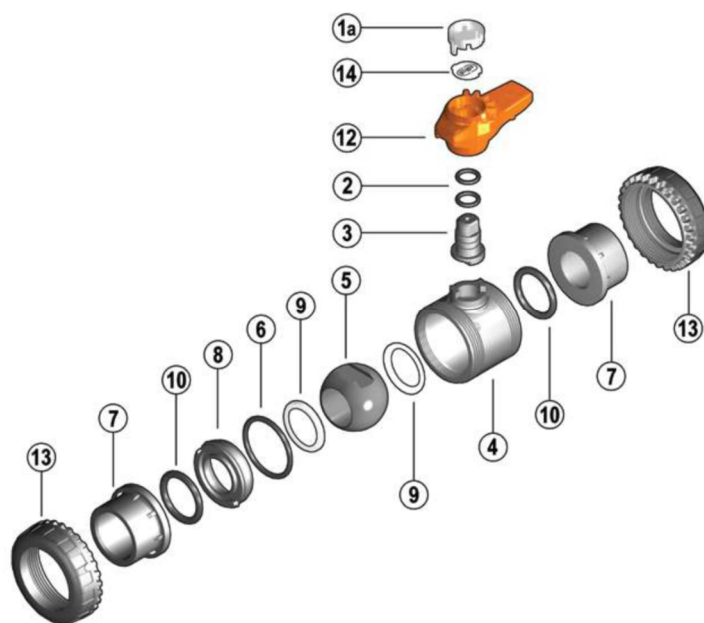
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BALL VALVES

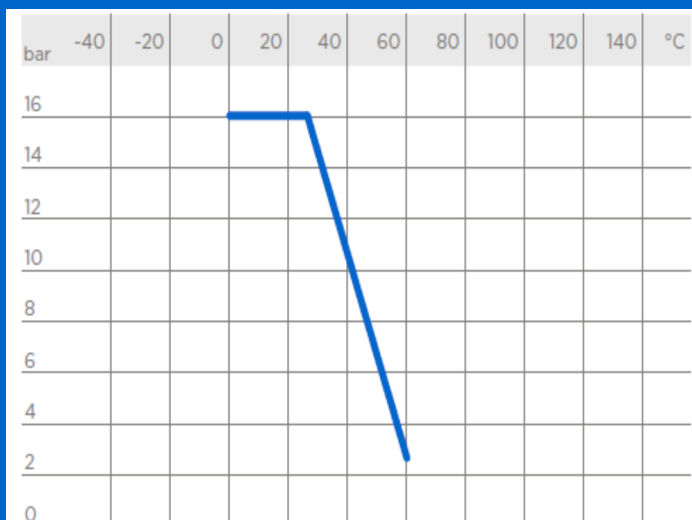
ALLVALVES
ONLINE

Part	Component	Material
1a	Protection plug	PVC
2	Stem O-Ring	EPDM / FPM
3	Stem	PVC-U
4	Body	PVC-U
5	Ball	PVC-U
6	Radial seal O-Ring	EPDM / FPM
7	End connector	PVC-U
8	Ball seat carrier	PVC-U
9	Ball seat	PTFE
10	Socket seal O-Ring	EPDM / FPM
12	Handle	HIPVC
13	Union nut	PVC-U
14	Tag holder	PVC-U

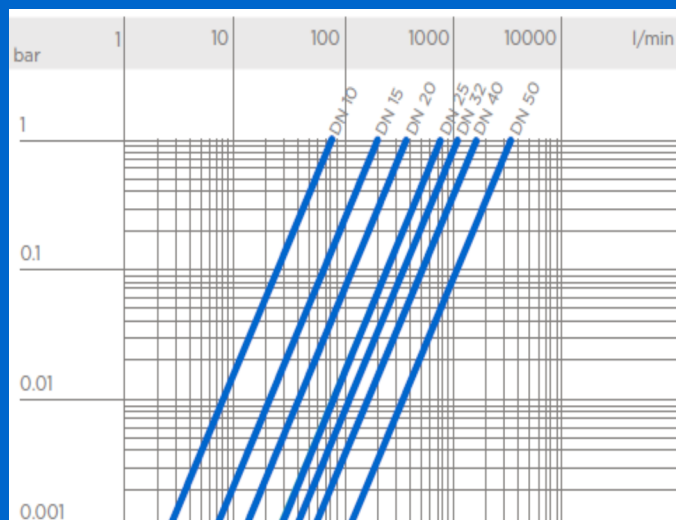


PRODUCT MATERIALS

PRESSURE v TEMP



PRESSURE DROP



FLOW

DN	10	15	20	25	32	40	50
Kv100 l/min	80	200	385	770	1,100	1,750	3,400

The Kv100 flow coefficient is the Q flow rate of litres per minute of water at a temperature of 20°C that will generate $\Delta p = 1$ bar pressure drop at a certain valve position.

*The Kv100 values shown in the table are calculated with the valve completely open.



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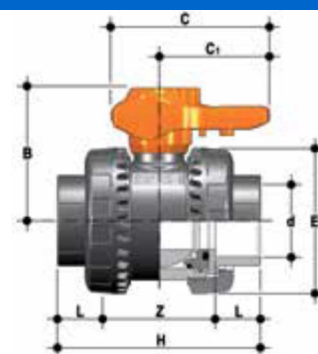
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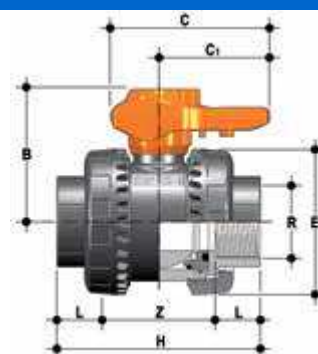
VXEIV Easyfit 2-way ball valve with female ends for solvent welding, metric series

d	DN	PN	B	C	G	E	H	L	Z	g
16	10	16	49	64	44	54	82	14	54	180
20	15	16	49	64	44	54	82	16	50	175
25	20	16	62	78	55	63	91	19	53	260
32	25	16	71	87	60	72	103	22	59	365
40	32	16	82	102	72	85	120	26	68	565
50	40	16	92	109	76	100	139	31	77	795
63	50	16	110	133	94	118	174	38	98	1325



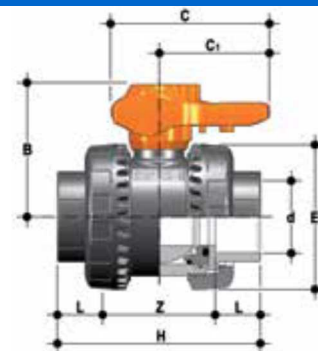
VXEIV Easyfit 2-way ball valve with BSP threaded female ends

d	DN	PN	B	C	G	E	H	L	Z	g
3/8"	10	16	49	64	44	54	82	11.4	59.2	180
1/2"	15	16	49	64	44	54	90	15	60	175
3/4"	20	16	62	78	55	63	93	16.3	60.4	260
1"	25	16	71	87	60	72	110	19.1	71.8	365
1 1/4"	32	16	82	102	72	85	127	21.4	84.2	565
1 1/2"	40	16	92	109	76	100	131	21.4	88.2	795
2"	50	16	110	133	94	118	161	25.7	109.6	1325



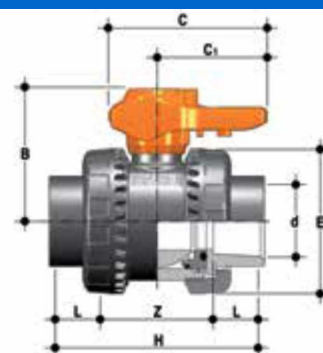
VXELV Easyfit 2-way ball valve with female ends for solvent welding, BS series

d	DN	PN	B	C	G	E	H	L	Z	g
1/2"	15	16	49	64	44	54	82	16.5	49	175
3/4"	20	16	62	78	55	63	91	19	53	260
1"	25	16	71	87	60	72	103	22.5	58	365
1 1/4"	32	16	82	102	72	85	120	26	68	565
1 1/2"	40	16	92	109	76	100	139	30	79	795
2"	50	16	110	133	94	118	174	36	102	1325



VXEAV Easyfit 2-way ball valve with female ends for solvent welding, ASTM series

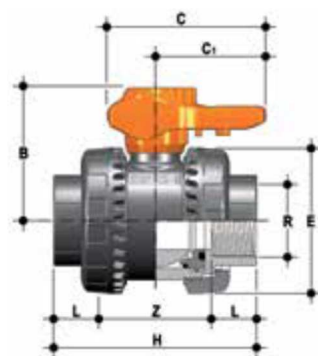
d	DN	PN	B	C	G	E	H	L	Z	g
1/2"	15	16	49	64	44	54	96	22.5	51	175
3/4"	20	16	62	78	55	63	105	22.5	54	260
1"	25	16	71	87	60	72	117	28.7	59.5	365
1 1/4"	32	16	82	102	72	85	136	32	72	565
1 1/2"	40	16	92	109	76	100	147	35	77	795
2"	50	16	110	133	94	118	174	38.2	97.6	1325





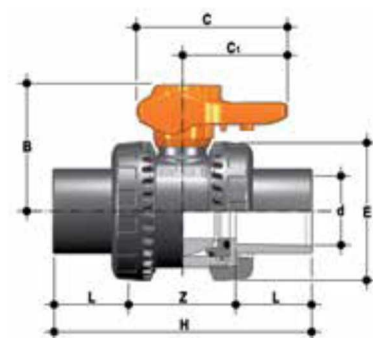
VXENV Easyfit 2-way ball valve with female ends, NPT thread

d	DN	PN	B	C	G	E	H	L	Z	g
3/8"	10	16	49	64	44	54	82	13.7	54.6	180
1/2"	15	16	49	64	44	54	90	17.8	54.4	175
3/4"	20	16	62	78	55	63	93	18	57	260
1"	25	16	71	87	60	72	110	22.6	64.8	365
1 1/4"	32	16	82	102	72	85	127	25.1	76.8	565
1 1/2"	40	16	92	109	76	100	131	24.7	81.6	795
2"	50	16	110	133	94	118	161	29.6	101.8	1325



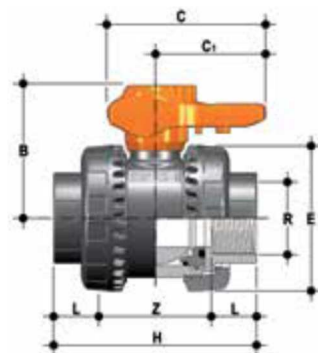
VXEJV Easyfit 2-way ball valve with female ends for solvent welding, JIS series

d	DN	PN	B	C	G	E	H	L	Z	g
1/2"	15	16	49	64	44	54	110	30	50	195
3/4"	20	16	62	78	55	63	123	35	53	285
1"	25	16	71	87	60	72	139	40	59	395
1 1/4"	32	16	82	102	72	85	156	44	68	600
1 1/2"	40	16	92	109	76	100	187	55	77	835
2"	50	16	110	133	94	118	228	63	102	1375



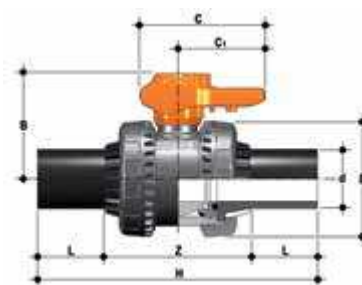
VXEGV Easyfit 2-way valve with female ends, JIS thread

d	DN	PN	B	C	G	E	H	L	Z	g
1/2"	15	16	49	64	44	54	82	16	50	175
3/4"	20	16	62	78	55	63	91	19	53	260
1"	25	16	71	87	60	72	103	22	59	365
1 1/4"	32	16	82	102	72	85	120	25	70	565
1 1/2"	40	16	92	109	76	100	139	26	87	795
2"	50	16	110	133	94	118	174	31	112	1325



VXEBEV Easyfit 2-way ball valve with PE100 SDR 11 male end connectors for butt welding or electrofusion (CVDE)

d	DN	PN	B	C	G	E	H	L	Z	g
20	15	16	49	64	44	54	154	41	72	180
25	20	16	62	78	55	63	186	52	82	269
32	25	16	71	87	60	72	199	54.5	90	379
40	32	16	82	102	72	85	217	56	105	591
50	40	16	92	109	76	100	236	58	120	851
63	50	16	110	133	94	118	268	66	136	1407





CVDE Long spigot PE100 end connectors for joints with electrofusion fittings or for butt welding

d	DN	PN	L	SDR
20	15	16	55	11
25	20	16	70	11
32	25	16	74	11
40	32	16	78	11
50	40	16	84	11
63	50	16	91	11



EASYTORQUE KIT Kit for union nut tightening adjustment and ball seat carrier for Easyfit DN10+50 valves.

d	DN	Union nut tightening torque*	Seat carrier tightening torque*
3/8" - 1/2"	10—15	5 Nm - 3,69 Lbf ft	3 Nm - 2,21 Lbf ft
3/4"	20	5 Nm - 3,69 Lbf ft	3 Nm - 2,21 Lbf ft
1"	25	6 Nm - 4,43 Lbf ft	4 Nm - 2,95 Lbf ft
1 1/4"	32	7 Nm - 5,16 Lbf ft	4 Nm - 2,95 Lbf ft
1 1/2"	40	8 Nm - 5,90 Lbf ft	5 Nm - 3,69 Lbf ft
2"	50	10 Nm - 7,38 Lbf ft	6 Nm - 4,43 Lbf ft



LCE Transparent protection plug with tag holder

d	DN
16	10
20	15
25	20
32	25
40	32
50	40
63	50



QUICK & EASY ASSEMBLY

