



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-C
- ◆ Floating full bore ball with a high quality surface finish
- ◆ PVC-C and EPDM or FPM, for compliance with water, drinking water and other food substances regulations

Suitable Applications & Approvals:



VXE DN 10/50 PVC-C

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 ÷ 100 °C
Coupling Standards	Solvent welding: EN ISO 15493, ASTM F 439. Can be coupled to pipes according to EN ISO 15493, ASTM F 441
Reference Standards	Thread: ISO 228-1, DIN 2999, ASTM F437 Construction criteria: EN ISO 16135, EN ISO 15493 Test methods and requirements: ISO 9393 Installation criteria: DVS 2204, DVS 2221, UNI 11242
Valve Material	PVC-C
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.



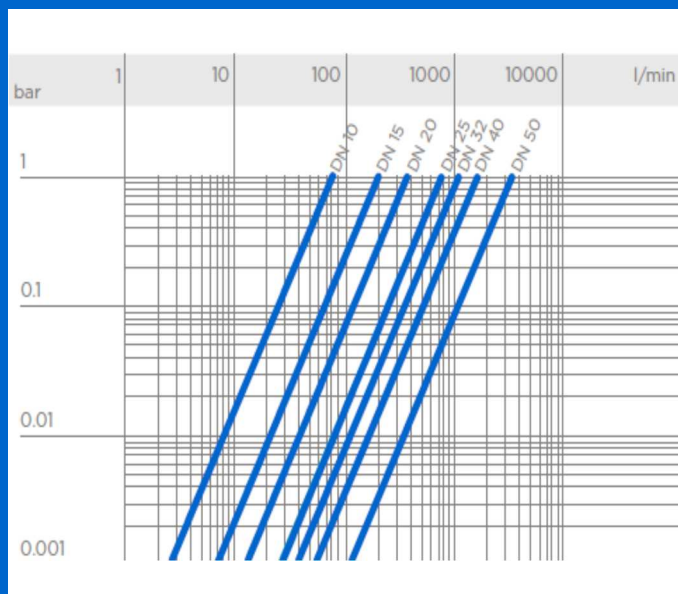
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PRESSURE v TEMP

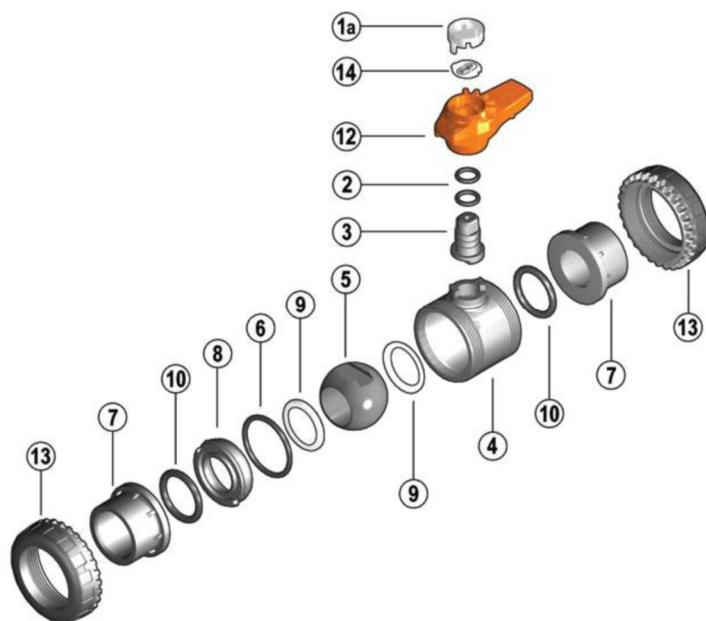


PRESSURE DROP



PRODUCT MATERIALS

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



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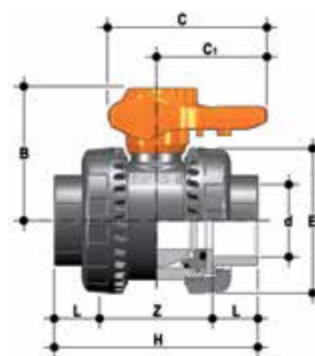
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VXEIC Easyfit 2-way ball valve with female ends for solvent welding, metric series

d	DN	PN	B	C	G	E	H	L	Z	g
16	10	16	49	64	20	54	82	16	50	180
20	15	16	49	64	20	54	82	16	50	175
25	20	16	62	78	23	63	91	19	53	260
32	25	16	71	87	27	72	103	22	59	365
40	32	16	82	102	30	85	120	26	68	565
50	40	16	92	109	33	100	139	31	77	795
63	50	16	110	133	39	118	174	38	98	1325



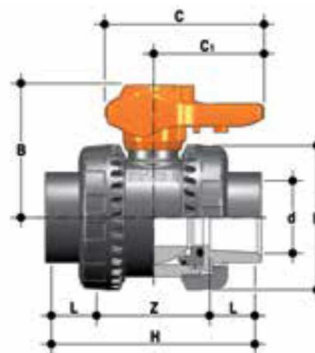
VXEFC Easyfit 2-way ball valve with BSP threaded female ends

d	DN	PN	B	C	G	E	H	L	Z	g
1/2"	15	16	49	64	20	54	90	17.8	54.4	175
3/4"	20	16	62	78	23	63	93	18	57	260
1"	25	16	71	87	27	72	110	22.6	64.8	365
1 1/4"	32	16	82	102	30	85	127	25.1	76.8	565
1 1/2"	40	16	92	109	33	100	131	24.7	81.6	795
2"	50	16	110	133	39	118	161	29.6	101.8	1325



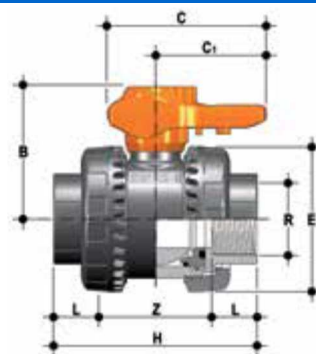
VXEAC Easyfit 2-way ball valve with female ends for solvent welding, ASTM series

d	DN	PN	B	C	G	E	H	L	Z	g
1/2"	15	16	49	64	20	54	96	22.5	22.5	175
3/4"	20	16	62	78	23	63	105	22.5	25.5	260
1"	25	16	71	87	27	72	117	28.7	28.7	365
1 1/4"	32	16	82	102	30	85	136	32	32	565
1 1/2"	40	16	92	109	33	100	147	35	35	795
2"	50	16	110	133	39	118	174	38.2	38.2	1325



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

d	DN	PN	B	C	G	E	H	L	Z	g
1/2"	15	16	49	64	20	54	90	17.8	54.4	175
3/4"	20	16	62	78	23	63	93	18	57	260
1"	25	16	71	87	27	72	110	22.6	64.8	365
1 1/4"	32	16	82	102	30	85	127	25.1	76.8	565
1 1/2"	40	16	92	109	33	100	131	24.7	81.6	795
2"	50	16	110	133	39	118	161	29.6	101.8	1325





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



ALSO AVAILABLE IN C-PVC:

