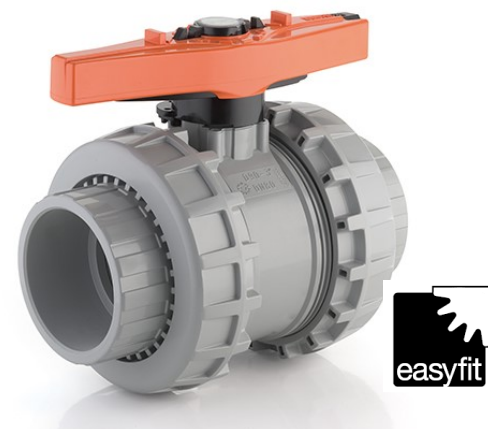




Main Features:-

- ◆ Patented Easyfit system that controls union nut rotation
- ◆ Connection for solvent weld, threaded and flanged joints
- ◆ PN16 True-Union Valve body manufactured in ISO9393 ABS
- ◆ 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 65/100 ABS

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	ABS
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.

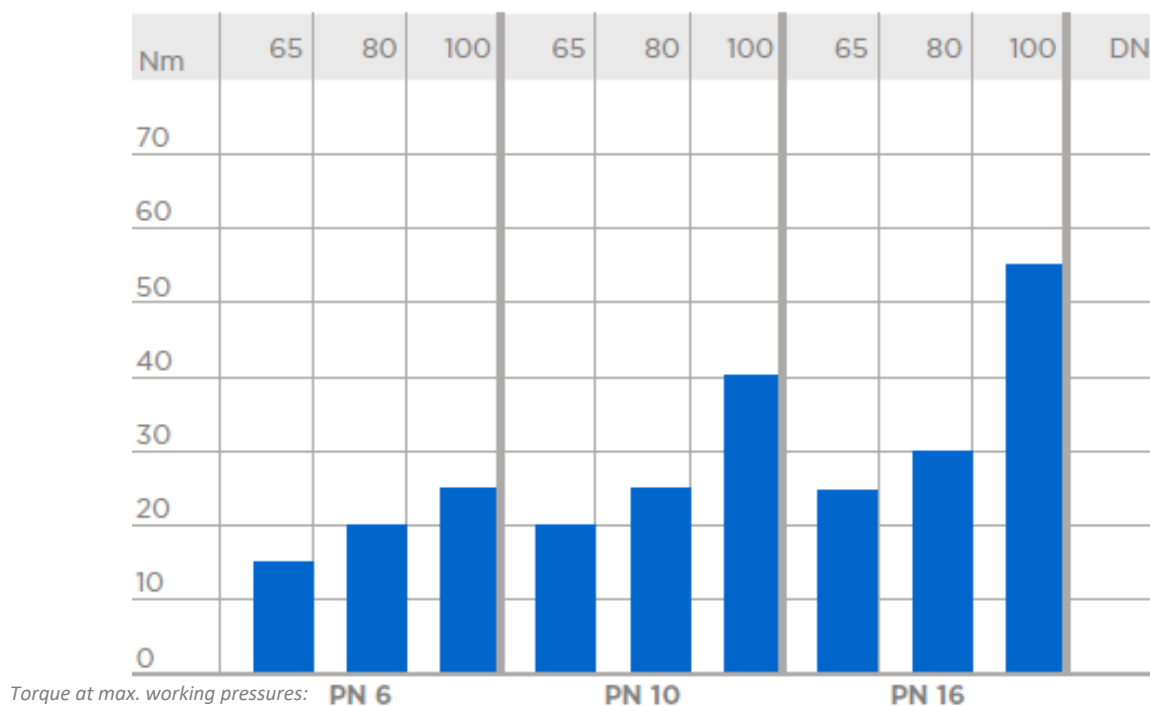


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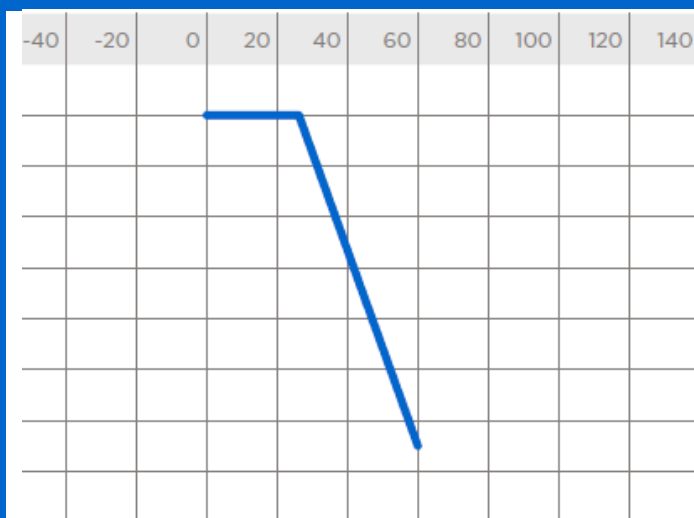
W www.allvalves.co.uk
F +44 (0)1386 554227



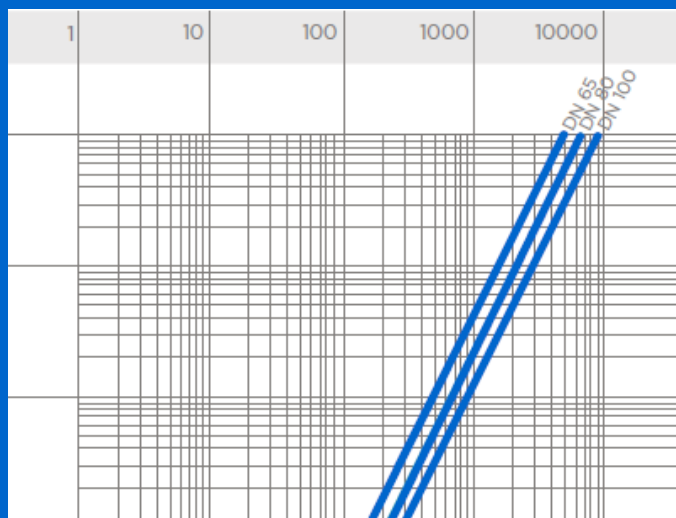
OPERATING TORQUE



PRESSURE v TEMP



PRESSURE DROP



FLOW

DN	65	80	100
Kv100 l/min	5000	7000	9400

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

d	DN	PN	B	C	G	E	H	L	Z	g
75	65	16	142	214	115	157	211	44	123	2750
90	80	16	151	239	126	174	248	51	146	3432
110	100	16	174.5	270	145	212	283	61	161	5814



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

d	DN	PN	B	C	G	E	H	L	Z	g
2½"	65	16	142	214	115	157	211	30.2	150.6	2750
3"	80	16	151	239	126	174	248	33.3	181.4	3432
4"	100	16	174.5	270	145	212	283	39.3	204.4	5814



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

d	DN	PN	B	C	G	E	H	L	Z	g
2½"	65	16	142	214	115	157	211	44	123	2750
3"	80	16	151	239	126	174	248	51	146	3432
4"	100	16	174.5	270	145	212	283	63	157	5814



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

d	DN	PN	B	C	G	E	H	L	Z	g
2½"	65	16	142	214	115	157	211	44.5	122	2750
3"	80	16	151	239	126	174	248	48	152	3432
4"	100	16	174.5	270	145	212	283	57.5	168	5814



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

d	DN	PN	B	C	G	E	H	L	Z	g
2½"	65	16	142	214	115	157	211	33.2	144.6	2750
3"	80	16	151	239	126	174	248	35.5	177	3432
4"	100	16	174.5	270	145	212	283	37.6	207.8	5814



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

d	DN	PN	B	C	G	E	H	L	Z	g
2½"	65	16	142	214	115	157	243	61	121	2750
3"	80	16	151	239	126	174	272	64.5	143	3432
4"	100	16	174.5	270	145	212	332	84	164	5814



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

d	DN	PN	B	C	G	E	H	L	Z	g
2½"	65	16	142	214	115	157	211	35	141	2750
3"	80	16	151	239	126	174	248	40	168	3432
4"	100	16	174.5	270	145	212	283	45	193	5814



VXEBEA 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
75	65	16	141.5	214	115	157	331	71	189	2286
90	80	10	151	239	126	174	367	88	191	3059
110	100	10	174.5	270	145	212	407	92	223	5473



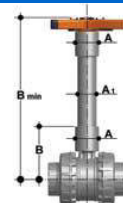
CVDE Long spigot PE100 end connectors for joints with electrofusion fittings or for butt welding

d	DN	PN	L	SDR
75	65	16	111	11
90	80	16	118	11
110	100	16	127	11



PSE Stem extension

	d	DN	A	A _t	B	B _{min}
75	2½"	65	76	63	159	364
90	3"	80	76	63	166	371
110	4"	100	76	63	186	433



LCE Transparent protection plug with tag holder

d	DN
75	65
90	80
110	100



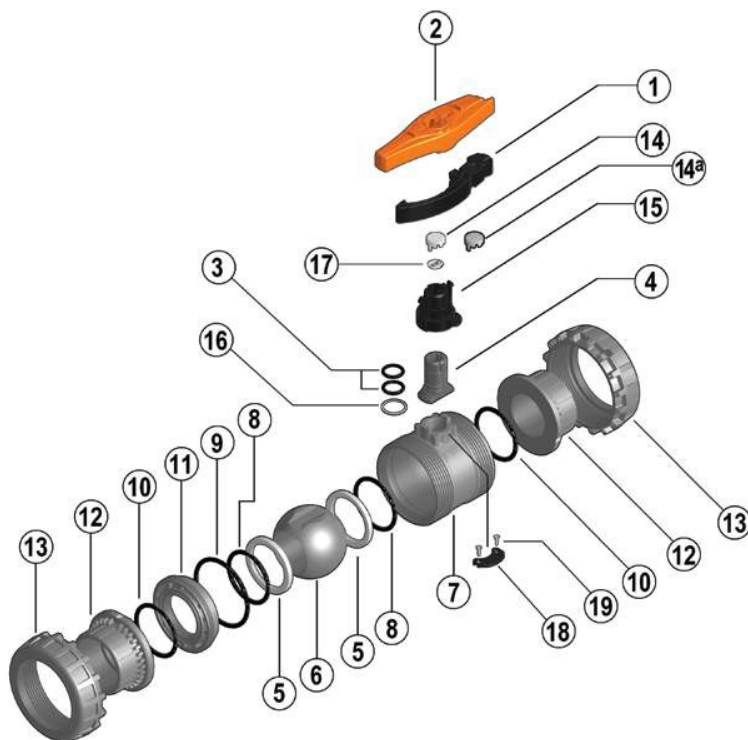
LSE Customisation and label printing set for Easyfit handle made up of precut adhesive sheets and software for guided label creation.

d	DN
75	65
90	80
110	100





Part	Component	Material
1	Handle insert	PP-GR
2	Multifunctional handle	HIPVC
3	Stem O-Ring	FPM / EPDM
4	Stem	ABS
5	Ball seat	PTFE, PE
6	Ball	ABS
7	Body	ABS
8	Ball seat O-Ring	FPM / EPDM
9	Radial seal O-Ring	FPM / EPDM
10	Socket seal O-Ring	FPM / EPDM
11	Ball seat carrier	ABS
12	End connector	ABS
13	Union nut	ABS
14	Protection plug	PVC
14a	protection plug (VXE-PE)	PVC
15	Central hub	HIPVC
16	Anti-friction disk	PTFE
17	Tag holder	PVC-U
18	Locking device plate	HIPVC
19	Self-tapping screw	Stainless Steel



ABS 3 WAY BALL VALVES AVAILABLE - SEE TKD SERIES

