



VKDFV Double Union Ball Valve BSP Threaded with PVC-U Body

- Size Range 3/8" - 2"
- Full Flow
- EPDM or FPM Seals
- Manual Lever
- Easy to Operate
- DualBlock System
- Fully Maintainable
- Easy to Actuate

Description

The VKD DualBlock® ball valve is a fully unionised valve that stands up to the most severe industrial applications and probably one of the most technically advanced on the market. Sizes range from 3/8" - 2" in Threaded BSP Connections.

Easy removal of the valve body from the pipe system, allows replacement of the valve seals and seats without any additional equipment. EPDM and FPM seals are offered as options. Pressure rating: Maximum working pressure: 16 bar at 20°C. Options to fit an electric or pneumatic actuator utilising our GR-PP Mounting kit (see Options).

Patented DualBlock® system: The locking device ensures the union nuts are retained in position, even under the most arduous conditions, i.e. vibration or thermal expansion. Patented Seat Stop® ball seat carrier, with micro adjustment of the ball seats and 'take up' of axial pipe loads, which can all be done without the need to drain the system



Description

A PVC-U plastic bodied ball valve, which is possibly the most advanced on the market. Offering you peace of mind that is synonymous with Durapipe (FIP) products. Offered as a manual isolating valve and easily adapted to operate with actuators, this valve has options for both seal material and end connections. Sizes range from 3/8" - 2" BSP threaded, with metric and imperial solvent weld ends.



Beschreibung

Ein PVC-U-Kugelhahn mit Kunststoffgehäuse, der möglicherweise der fortschrittlichste auf dem Markt ist. Bietet Ihnen die Sicherheit, die für Durapipe (FIP)-Produkte gleichbedeutend ist. Dieses Ventil wird als manuelles Absperrventil angeboten und lässt sich leicht mit Stellantrieben bedienen. Es bietet Optionen sowohl für das Dichtungsmaterial als auch für die Endanschlüsse. Die Größen reichen von 3/8" - 2" BSP-Gewinde, mit metrischen und zölligen Lösungsmittelschweißenden.



Descripción

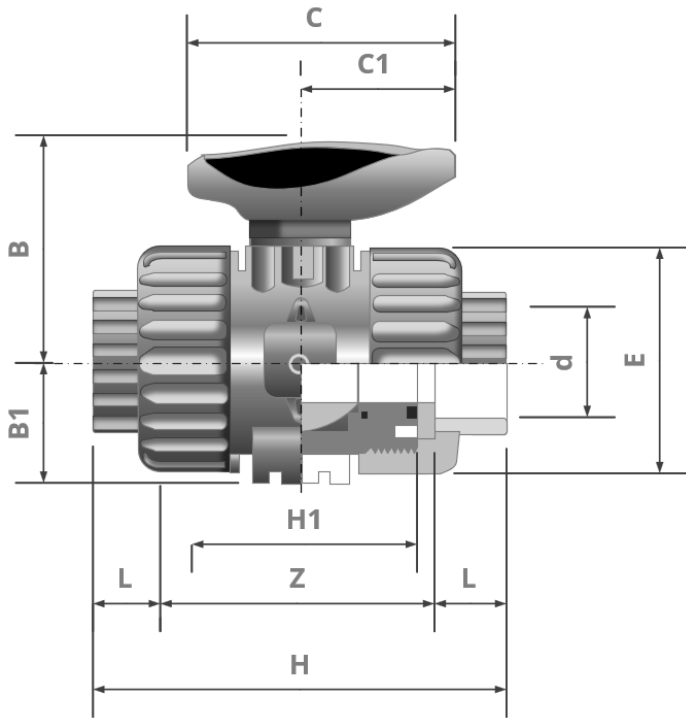
Una válvula de bola con cuerpo de plástico PVC-U, posiblemente la más avanzada del mercado. Ofreciéndole la tranquilidad que es sinónimo de los productos Durapipe (FIP). Ofrecida como una válvula de aislamiento manual y fácilmente adaptable para operar con actuadores, esta válvula tiene opciones tanto para el material del sello como para las conexiones finales. Los tamaños van desde 3/8" - 2" BSP roscado, con extremos de soldadura solvente métricos e imperiales.



Description

Un robinet à tournant sphérique à corps en plastique PVC-U, qui est probablement le plus avancé du marché. Vous offrir une tranquillité d'esprit synonyme de produits Durapipe (FIP). Proposée en tant que vanne d'isolement manuelle et facilement adaptée pour fonctionner avec des actionneurs, cette vanne a des options pour le matériau du joint et les connexions d'extrémité. Les tailles vont de 3/8" à 2" filetés BSP, avec extrémités métriques et impériales à souder au solvant.

BV5520



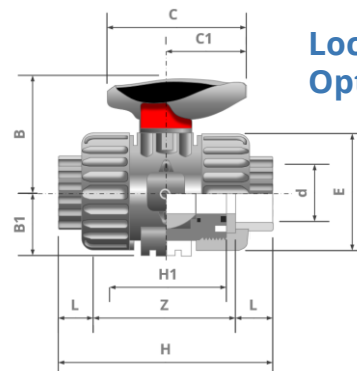
Dimensions - BSP THREADED ENDS

d	DN	PN	L	Z	H	H1	E	B	B1	C	C1	Z****	N/m
3/8"	10	16	11.4	80.2	103	65	54	54	29	67	40	80.2	3
1/2"	15	16	15	80	110	65	54	54	29	67	40	73	3
3/4"	20	16	16.3	83.4	116	70	65	65	34.5	85	49	82.4	4
1"	25	16	19.1	95.8	134	78	73	69.5	39	85	49	89.8	6
1 1/4"	32	16	21.4	110.2	153	88	86	82.5	46	108	64	103.2	7
1 1/2"	40	16	21.4	113.2	156	91	98	89	52	108	64	121.2	10
2"	50	16	25.7	134.6	186	111	122	108	62	134	76	147.6	16

DualBlock® ball valve with BSP parallel female threaded ends. Z**** for ABS sizes only. For PP all sizes are PN10

Serial/Series Number VKDFV

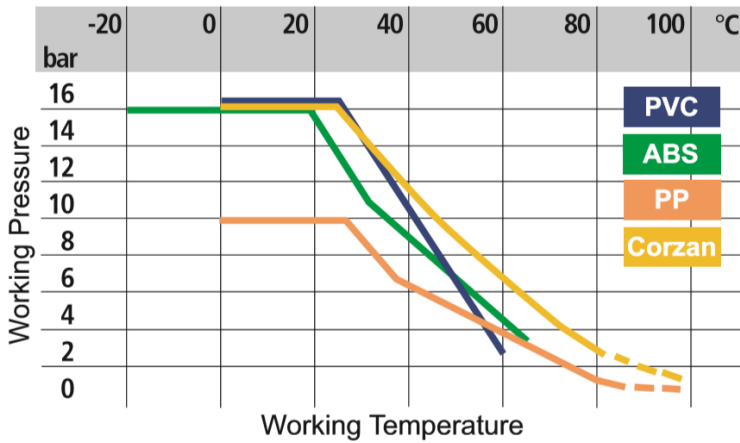
PVC-U			
d	grams	EPDM Code	FPM Code
1/2"	210	HO DKE B02	HO DKF B02
3/4"	335	HO DKE B03	HO DKF B03
1"	448	HO DKE B04	HO DKF B04
1 1/4"	678	HO DKE B05	HO DKF B05
1 1/2"	955	HO DKE B06	HO DKF B06
2"	1667	HO DKE B07	HO DKF B07



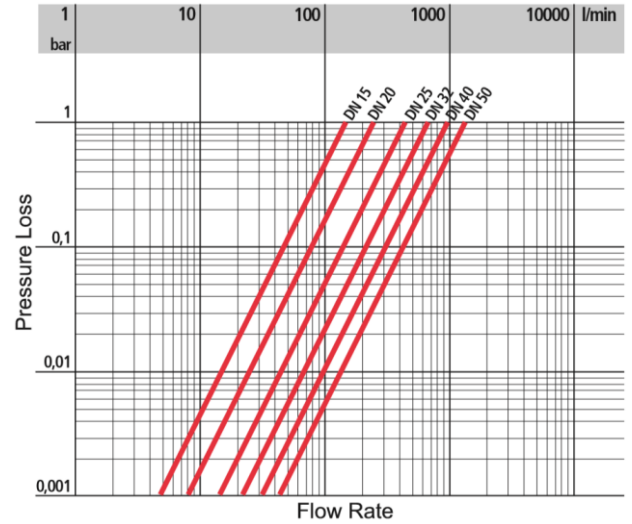
**Lockable Handle
Option. DLE & DLF**

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Dimensions and Standards



Pressure/temperature rating for water and harmless fluids to which the material is RESISTANT. In other cases a reduction of the PN is required. (25 years with safety factor).



DN	10	15	20	25	32	40	50
k_{v100}	80	200	385	770	1100	1750	3400

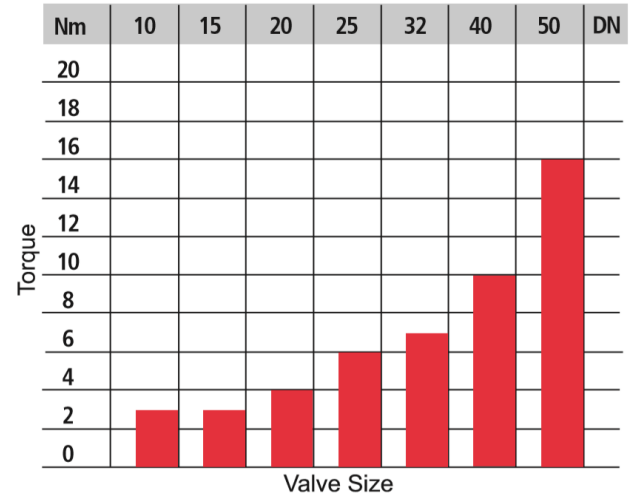
Flow coefficient k_{v100}

k_{v100} is the number of litres per minute of water at a temperature of 20°C that will flow through a valve with a one bar pressure differential at a specified rate. The k_{v100} values shown in the table are calculated with the valve fully open.

Imperial The Imperial System is manufactured in accordance with the relevant British Standards: BS 5392 fittings.

Metric The Metric System is manufactured generally in accordance with the relevant International Standards: ISO 15493, KIWA 49 and 549, DIN 8062 and 8063.

BSP Thread Threaded fittings conform to the requirements of BS 21/DIN 2999/ISO7. Socket dimensions of metric fittings for solvent welding comply with ISO/DIS 727-1. Interchangeability Components in the imperial and metric ranges are not interchangeable

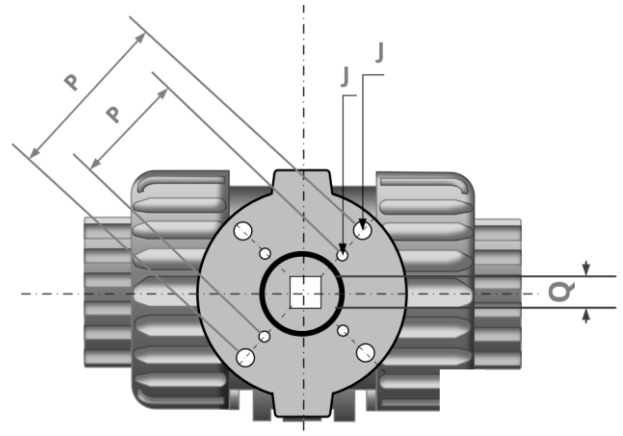
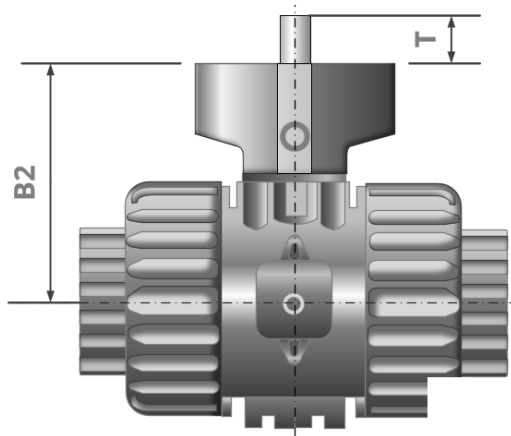


Torque at max. working pressure: 16 Bar.

DN (nominal bore)	Metric Size (mm)	Imperial Size (inch)
10	16	3/8"
15	20	1/2"
20	25	3/4"
25	32	1"
32	40	1 1/4"
40	50	1 1/2"
50	63	2"
65	75	2 1/2"
80	90	3"
100	110	4"
125	140	5"
150	160	6"
200	225	8"
250	250	10"
300	315	12"

Accessories

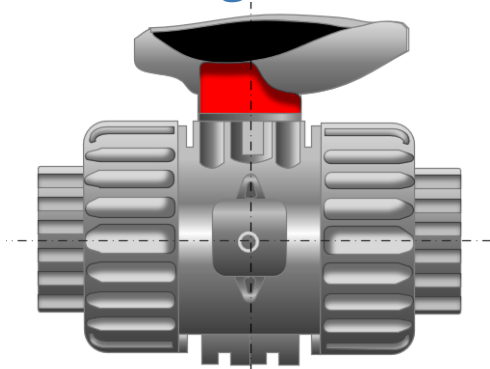
Mounting Bracket



The valve can be supplied actuated, pneumatic or electric, by our Actuation Department. The GR-PP mounting bracket (with standard ISO 5211 drillings) can be supplied for self-actuation and/or retrofitting of actuators to installed valves

d	DN	B2	Q	T	P x J	P x J	Product Code
1/2" - 20	15	58	11	12	F03 x 5.5	F04 x 5.5	KTPQPEF
3/4" - 25	20	69	11	12	F03 x 5.5	F05 x 6.5	KTPQPGG
3/4" - 25	20	69	11	12		F04 x 5.5	KTPQPG4
1" - 32	25	74	11	12	F03 x 5.5	F05 x 6.5	KTPQPHH
1" - 32	25	74	11	12		F04 x 5.5	KTPQPH4
1 1/4" - 40	32	91	14	16	F05 x 6.5	F07 x 7.5	KTPQPII
1 1/2" - 50	40	97	14	16	F05 x 6.5	F07 x 7.5	KTPQPJJ
2" - 63	50	114	14	16	F05 x 6.5	F07 x 7.5	KTPQPLL

Locking Device



Handle Locking Kit 0°- 90° - with option to fit padlock

d	DN	Product Code
3/8 - 16	10	KTSHKDEF
1/2 - 20	15	KTSHKDEF
3/4 - 25	20	KTSHKDGH
1 - 32	25	KTSHKDGH
1 1/4 - 40	32	KTSHKDIJ
1 1/2 - 50	40	KTSHKDIJ
2 - 63	50	KTSHKDLL

pneumatic



Electric

Valves
J+J
HQ004

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