BV5525

VKDIA Double Union Ball Valve, Metric Female Ends with ABS Body

- Size Range 16 - 63 Metric
- Full Flow
- EPDM or FPM Seals
- Manual Lever
- In Accordance with ISO Standards.
- 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 16 - 63 mm in metric female end 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 20ºC. Options to fit an electric or pneumatic actuator utilising our GR-PP Mounting kit (see Options).
The Metric system is manufactured generally in accordance with the relevant International Standards: ISO 15493, KIWA 49 and 549, DIN 8062 and 8063.
Components in the imperial and metric ranges are not interchangeable.

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

An ABS 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 16 – 63 Metric female ends, with BS Imperial Solvent Female ends and BSP threaded connections.

Beschreibung

Ein Kugelhahn mit ABS-Kunststoffgehäuse, der möglicherweise der fortschrittlichste auf dem Markt ist. Ihnen die Gewissheit zu bieten, die für Durapipe (FIP)-Produkte gleichbedeutend ist. Dieses Ventil wird als manuelles Absperrventil angeboten und lässt sich leicht für den Betrieb mit Stellantrieben anpassen. Dieses Ventil bietet Optionen für Dichtungsmaterial und Endanschlüsse. Die Größen reichen von 16 – 63 metrischen Buchsenenden, mit BS Imperial Solvent Buchsenenden und BSP-Gewindeanschlüssen

Descripción

Una válvula de bola con cuerpo de plástico ABS, 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 varían de 16 a 63 extremos hembra métricos, con extremos hembra solvente imperial BS y conexiones roscadas BSP.

Description

Une vanne à boisseau sphérique en plastique ABS, probablement la plus avancée du marché. Vous offrir la tranquillité d'esprit synonyme des produits Durapipe (FIP). Proposée en tant que vanne d'isolement manuelle et facilement adaptable pour fonctionner avec des actionneurs, cette vanne dispose d'options pour le matériau d'étanchéité et les connexions d'extrémité. Les tailles vont de 16 à 63 Extrémités femelles métriques, avec extrémités femelles à solvant impérial BS et raccords filetés BSP.

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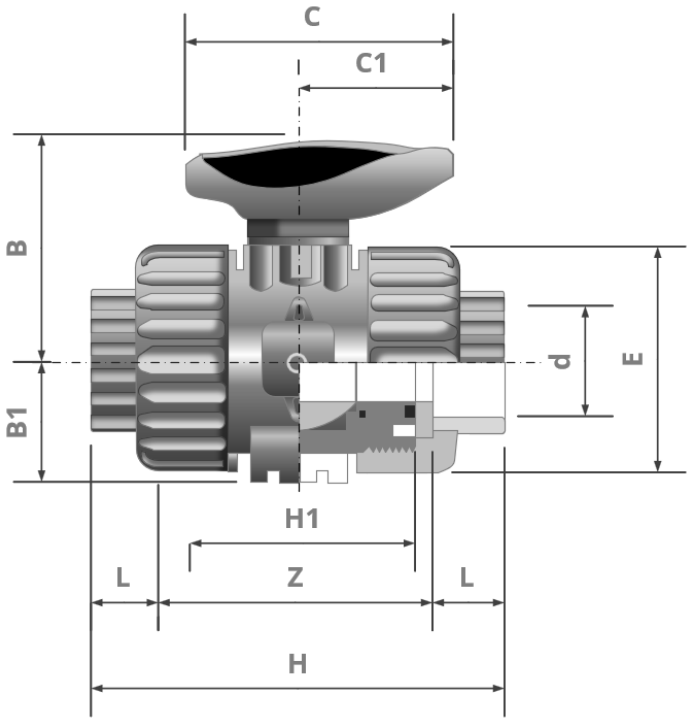


Body Material offered in:
ABS Acrylonitrile Butadiene Styrene
PVC Polyvinyl Chloride Unplasticised
PP Polypropylene

Seat Options:
EPDM Ethylene Propylene Diene Monomer
FPM Fluorocarbon Rubber

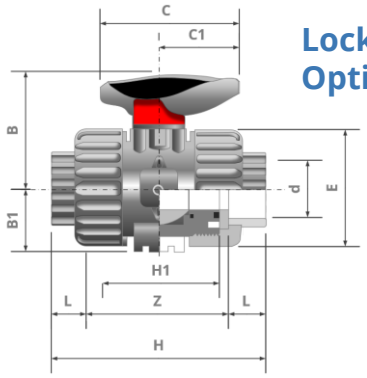
Dimensions - Female Metric Ends

d	DN	PN	L	Z	H	H1	E	B	B1	C	C1	N/m
16	10	16	14	75	103	65	54	54	29	67	40	3
20	15	16	16	71	103	65	54	54	29	67	40	4
25	20	16	19	77	115	70	65	65	34.5	85	49	6
32	25	16	22	84	128	78	73	69.5	39	85	49	7
40	32	16	26	94	146	88	86	82.5	46	108	64	9
50	40	16	31	102	164	91	98	89	52	108	64	10
63	50	16	38	123	199	111	122	108	62	134	76	16

DualBlock® ball valve with Metric series female ends.

Serial/Series Number VKDIA

ABS			
d	grams	EPDM Code	FPM Code
16	160	HO DKA 305	HO DKB 305
20	160	HO DKA 306	HO DKB 306
25	265	HO DKA 307	HO DKB 307
32	345	HO DKA 308	HO DKB 308
40	550	HO DKA 309	HO DKB 309
50	730	HO DKA 310	HO DKB 310



Lockable Handle Option. DLE & DLF

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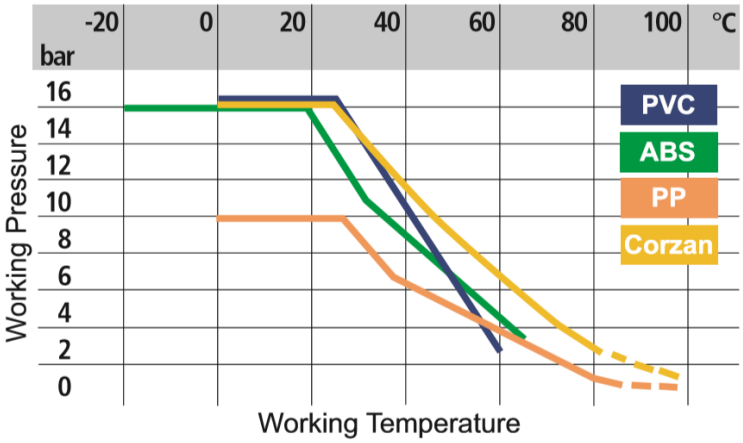
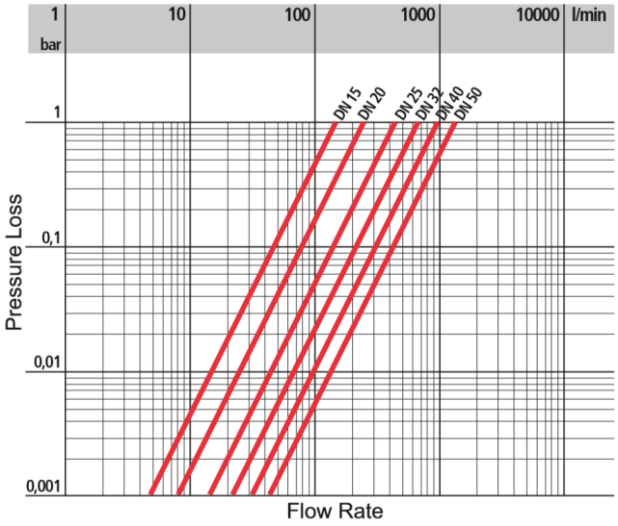
Dimensions and Standards

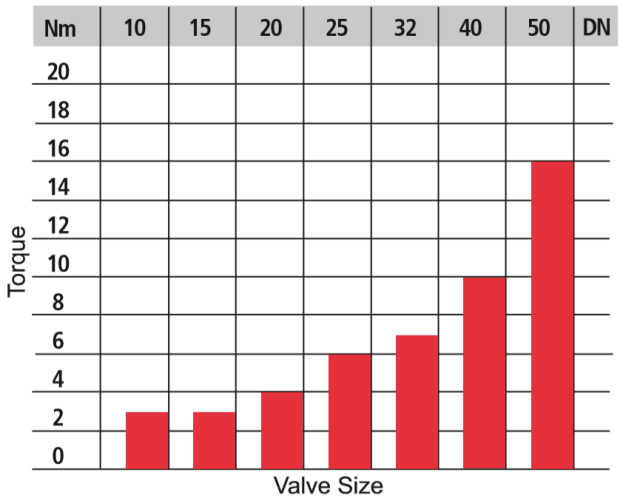


Pressure/temperature rating for water and harmless fluids to which the material is RESISTANT. In other cases a reduction of the PN is required. (25 years with safety factor).



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

Flow coefficient kv100
kv100 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 kv100 values shown in the table are calculated with the valve fully open.



Torque at max. working pressure: 16 Bar.

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

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	11/4"
40	50	11/2"
50	63	2"
65	75	21/2"
80	90	3"
100	110	4"
125	140	5"
150	160	6"
200	225	8"
250	250	10"
300	315	12"

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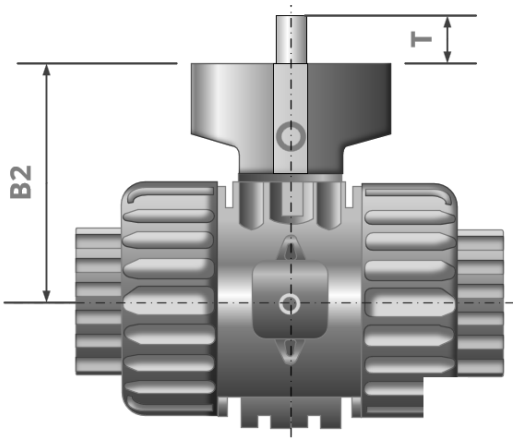
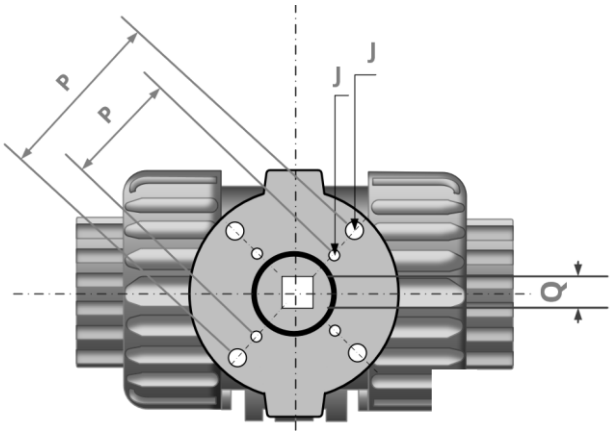
Accessories

Mounting Bracket

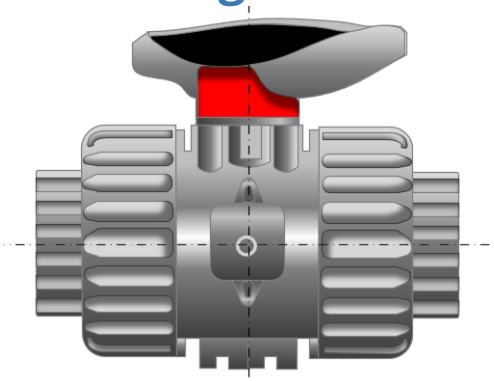




The valve can be supplied actuated, pneumatic or electric, by our Actuation Department. The GR-PP mounting bracket (with standard ISO 5211 drillings) can be supplied for self-actuation and/or retrofitting of actuators to installed valves

d	DN	B2	Q	T	P x J	P x J	Product Code
3/8" - 16	10	58	11	12	F03 x 5.5	F04 x 5.5	KTPQCPEF
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
11/4" - 40	32	91	14	16	F05 x 6.5	F07 x 7.5	KTPQPII
11/2" - 50	40	97	14	16	F05 x 6.5	F07 x 7.5	KTPQPJJ

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

Valpes
J+J
HQ004