



SERIES 81 BUTTERFLY VALVES RESILIENT SEATED

DN50 - DN450



KDVs Concentric Resilient Seated Butterfly Valves offer excellent durability and ease of operation in a wide range of water & industrial applications. The one piece body design provides maximum strength with

Positive On-Off, Bi Directional Sealing

Seals at maximum rated pressure with identical flow from either direction.

Teflon Bushing

PTFE bushings reduce operating torque and provide maximum shaft support. The stem is isolated from the valve body, preventing corrosion.

Pin-less Disc and Stem

Spline connection provides superior orientation of the disc and stem, reduces corrosion, provides bubble tight sealing and prolongs service life.

Valve Automation

KDV supplies a wide range of pneumatic & electric actuators and control accessories including:

- Solenoid valves
- Switch enclosures
- Electro-magnetic positioners
- Limit stops
- Handwheel over-rides

FEATURES & BENEFITS

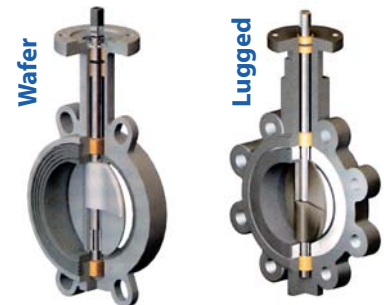
- Bi Directional Sealing
- Teflon Bushing
- Pinless Design

OPTIONS

- Seat Style
- Body, disc, seat and stem materials
- Extension spindle
- Chain wheel
- Stainless steel bonnet
- Plastic bonnet (DN15-DN50)

AUTOMATION SYSTEMS

- Pneumatic
- Electric
- Control accessories



FAST TRACK

In house manufacture and stock holdings allow KDV to deliver quickly, and reliably facilitate fast-track projects. Visit our website for information on the full range of KDV Diaphragm Valves.

www.kdvflow.com



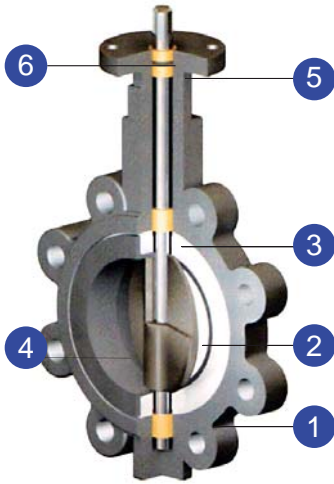
Kim Diaphragm Valves™

Corrosion and Abrasion Resistant Flow Control

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Materials Of Construction

PART	MATERIAL
1 Body	Cast Iron, Ductile Iron
2 Disc*	Plated Ductile Iron, Stainless Steel
3 Stem	Stainless Steel
4 Seat	NBR (Nitrile), EPDM/Viton (FKM), PTFE cover (NBR), Silicon (Q)
5 Bushing	PTFE
6 O Ring	NBR, Viton

*PTFE coated disc also available

Dimensions & Weight

Size		J	K	L	D1	B	G	Ø	B2	Bolt	S	ISO	Torque Nm	G/Box Ratio	Output End hole	Weight	
INCH	MM															LEVER	GEARBOX
2	50	80	146	43	53	128	226	150	270	M16	9	F05	27	24:1	Ø20	4.5	-
2½	65	76	154	45	65	128	226	150	270	M16	9	F05	33	24:1	Ø20	6.5	-
3	80	99	164	45	79	128	226	150	270	M16	9	F05	48	24:1	Ø20	7.5	13
4	100	110	173	52	104	128	226	300	270	M16	11	F07	56	24:1	Ø20	10	16
5	125	125	190	55	123	128	226	300	270	M16	14	F07	90	24:1	Ø20	12	18
6	150	139	206	56	156	128	226	300	270	M20	14	F07	124	24:1	Ø20	15	21
8	200	172	238	61	203	179	313	300	300	M20	17	F10	233	32:1	Ø28	23	33
10	250	205	268	66	253	179	313	300	300	M20	22	F10	392	32:1	Ø28	30	45
12	300	242	315	77	302	200	307	300	300	M24	22	F10	560	50:1	Ø35	43	59
14	350	267	368	77	333	200	307	300	-	M24	-	F10	736	50:1	Ø35	-	75
16	400	309	400	102	390	255	353	400	-	M24	-	F14	1011	70:1	Ø40	-	130
18	450	328	422	114	441	255	353	400	-	M24	-	F14	1355	70:1	Ø40	-	173

1. Wafer to suit all drilling standards, Lugged to suit T/E & ANSI. 2. Larger sizes available. Contact KDV for details. 3. Dimensions & weights are approximate. Contact KDV for a GA drawing to obtain certified measurements.

