

# BUTTERFLY VALVE



## VBG02 - 300PSI Grooved-End Butterfly Valve

- Both Gear Operator or Lever Handle Available for Indoor or Outdoor use
- Epoxy Coated Ductile Iron body for Excellent Protection
- Elastomer Encapsulated Disc with Outstanding Flow Characteristics
- Low Torque Operation
- Options of Double Internal Supervisory Switches for Gear Operator



### Material Specifications

PART	SPECIFICATION
1. Upper Stem	Stainless Steel ASTM A 276 Type 420
2. Upper Bearing	PTFE Bronze Sintered on Steel
3. O-Ring	EPDM
4. Body	Ductile Iron ASTM A 536, Epoxy Coated
5. Disc	Ductile Iron ASTM A 536 with EPDM Encapsulation
6. Lower Bearing	PTFE Bronze Sintered on Steel
7. Lower Stem	Stainless Steel ASTM A 276 Type 420
8. Dust Plug	PVC
9. Name Plate	Stainless Steel
10. Pin	Steel
11. Plate	Steel
12. Handle	Steel

### Dimension

Part Number	Size		OD		E		F		G	
	In.	mm	mm	In.	mm	In.	mm	In.	mm	
VBG02-073	2½	65	73.0	3.85	98	2.40	61	7.32	186	
VBG02-076	3OD	65	76.1	3.85	98	2.40	61	7.32	186	
VBG02-089	3	80	88.9	3.85	98	2.87	73	8.27	210	
VBG02-114	4	100	114.3	4.56	116	3.86	98	10.2	260	
VBG02-140	5½OD	125	139.7	5.86	149	4.80	122	11.4	290	
VBG02-141	5	125	141.3	5.86	149	4.80	122	11.4	290	
VBG02-165	6½OD	150	165.1	5.86	149	5.75	146	12.8	325	
VBG02-168	6	150	168.3	5.86	149	5.75	146	12.8	325	
VBG02-219	8	200	219.1	5.27	134	7.72	196	15.9	404	
VBG02-273	10	250	273.0	6.30	160	9.57	243	18.9	480	

Size	L		N		P		R		Wt.	
	In.	mm	In.	mm	In.	mm	In.	mm	Lbs.	Kg.
2½	10.2	260	3.78	96	2.95	75	3.35	85	12.1	5.5
3OD	10.2	260	3.78	96	2.95	75	3.35	85	12.6	5.7
3	10.2	260	4.13	105	3.54	90	3.82	97	13.2	6
4	10.2	260	5.31	135	4.33	110	4.88	124	15.9	7.2
5½OD	10.2	260	5.83	148	5.00	127	6.10	155	18.7	8.5
5	10.2	260	5.83	148	5.00	127	6.10	155	18.7	8.5
6½OD	10.2	260	6.50	165	5.71	145	7.20	183	28.2	12.8
6	10.2	260	6.50	165	5.71	145	7.20	183	32.6	14.8
8	12.8	325	8.03	204	6.89	175	9.29	236	35.5	16.1
10	12.8	325	9.65	245	8.27	210	11.38	289	66	30

