



Butterfly Valves | Groove | BVG-7

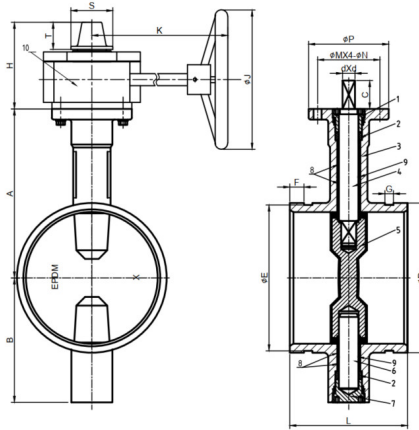


SPECIFICATIONS

Sizes	2"/DN50, 2½"/DN65, 3"/DN80, 4"/DN100, 5"/DN125, 6"/DN150, 8"/DN200, 10"/DN250, 12"/DN300
Working Pressure	300psi / 21bar
Test Pressure	600psi / 42bar (maximum)
Operation	Gear Operated
Finish	Epoxy Powder Coated
Application	Indoor and outdoor
IP Rating	IP65
Contact Rating	250VA 3A, 24VDC 2A
Supervisory Switches	1 Supervisory Switch (Internal) 1 Auxiliary Switch (Internal)
Approvals	UL (2" to 12"), FM (2½" to 8")

Product Parts, Materials & Standard

Description	Material	Specification
Upper Shaft Sealing Nut	WCB	ASTM A216
Shaft Seal	EPDM	ASTM D2000
Body	DI	ASTM A536
Upper Shaft	SS416	ASTM A582
Disc	DI + EPDM	ASTM D2000
Lower Shaft	SS416	ASTM A582
Lower Shaft Sealing Nut	WCB	ASTM A216
End face Seal	EPDM	ASTM D2000
Stem Bushing	PTFE/C954	PTFE/C954
Signal Gearbox	DI	ASTM A536



Carried Standard

Design Standard	API609
Face to Face Standard	ASME B16.10
Top Flange Standard	ISO 5211
Test Standard	FM 1112 / UL1091

Product Data & Part Numbers

Size		Part Number	A	B	C	D	E	F	G	H	K		J	P	M	N	d	L
DN	Inch																	
DN50	2"	BVG-7-060	110	85	32	60.3	57.2	15.9	7.9	111	218	153	152	90	70	9	10	88
DN65	2½"	BVG-7-073	125	95	32	73.0	69.1	15.9	7.9	111	218	153	152	90	70	9	10	96.4
		BVG-7-076				76.1	72.3											
DN80	3"	BVG-7-089	140	100	32	88.9	84.9	15.9	7.9	111	218	153	152	90	70	9	11	97
DN100	4"	BVG-7-114	160	100	32	114.3	110.1	15.9	9.5	111	218	153	152	90	70	9	14	115.1
DN125	5"	BVG-7-139	170	125	32	139.7	135.5	15.9	9.5	111	218	153	152	90	70	9	14	132.4
		BVG-7-141				141.3	137.0											
DN150	6"	BVG-7-165	190	140	32	165.1	160.9	15.9	9.5	111	218	153	200	90	70	9	16	132.4
		BVG-7-168				168.3	164.0											
DN200	8"	BVG-7-216	230	175	32	216.3	211.6	19	11.1	126	232	210	300	90	102	12	19	147.4
		BVG-7-219				219.1	214.4											
DN250	10"	BVG-7-267	260	200	45	267.4	262.6	19	12.7	126	232	210	300	125	102	12	24	159
		BVG-7-273				273.0	268.3											
DN350	12"	BVG-7-319	300	240	45	318.5	312.9	19	12.7	161	249	249	350	150	125	14	26	165
		BVG-7-324				323.8	318.3											

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