

BONETTI Piston Valves – Cast Iron

Stop Valves

Flanged Ends to DIN 2533 - PN 16

Rating: DIN 2401 - PN 16

Size DN 10 to DN 150

- 1 Full Bore - BV,
Standard Bore - BVn
Reduced Bore - BVR
- 2 Standard Flanges are Raised Face, drilled.
- 3 Face-to-Face Dimension (A) to DIN 3202 - F1.
- 4 Standard Material Schedule: G - PN 16.
- 5 Pressure - Temperature Rating on page 2.

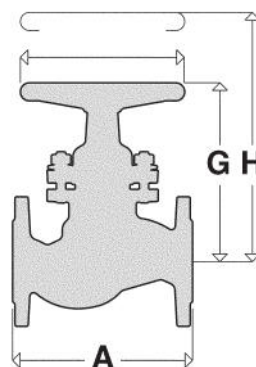


Fig. 1010 - 1075

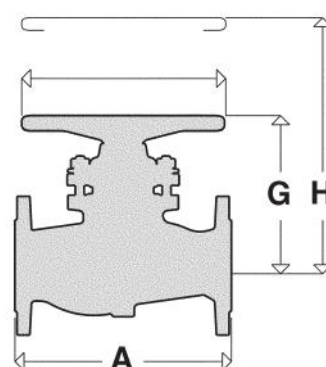


Fig. 1045

Type	DN mm	Fig.	Mater. Sched.	Dimensions				Flange Dimensions					Weight kg	Valve Rings (see page 17)		
				A mm	G mm	H mm	V mm	Outs. Dia. mm	Thick. mm	No. of Holes No.	Dia. of Holes mm	Dia. of Bolt Circle mm		d mm	D mm	h mm
BV	10	1010	G	120	110	140	95	90	14	4	14	60	2,3	15	23,5	9
BV	15	1010	G	130	110	140	95	95	14	4	14	65	2,5	15	23,5	9
BV	20	1010	G	150	135	170	115	105	16	4	14	75	3,8	20	30,0	10
BV	25	1010	G	160	150	185	125	115	16	4	14	85	5,3	25	38,0	12
BV	32	1010	G	180	170	215	150	140	18	4	18	100	7,7	30	45,0	15
BV	40	1010	G	200	195	250	150	150	18	4	18	110	11,3	40	58,0	16
BV	50	1010	G	230	225	285	200	165	20	4	18	125	15,4	50	70,0	17
BVn	65	1045	G	290	210	260	300	185	20	4	18	145	21,0	60	82,0	16
BVn	80	1045	G	310	230	290	300	200	22	8	18	160	28,0	70	94,0	19
BVn	100	1045	G	350	275	350	300	220	24	8	18	180	41,0	90	112,0	20
BVn	125	1045	G	400	310	395	400	250	26	8	18	210	65,0	110	135,0	22
BVn	150	1045	G	480	340	440	400	285	26	8	22	240	92,0	130	155,0	23
BVR	15	1075	G	130	90	108	75	95	14	4	14	65	2,2	10	18,0	6
BVR	20	1075	G	150	110	140	95	105	16	4	14	75	3,2	15	23,5	9
BVR	25	1075	G	160	135	170	115	115	16	4	14	85	4,5	20	30,0	10
BVR	32	1075	G	180	150	185	125	140	18	4	18	100	6,8	25	38,0	12
BVR	40	1075	G	200	170	215	150	150	18	4	18	110	8,6	30	45,0	15
BVR	50	1075	G	230	195	250	150	165	20	4	18	125	12,2	40	58,0	16

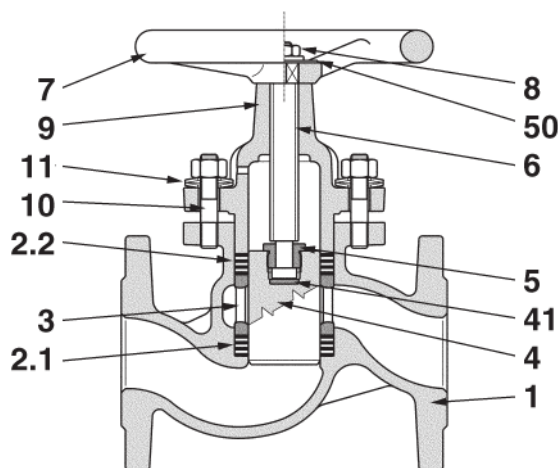


Fig. 1010 - 1075

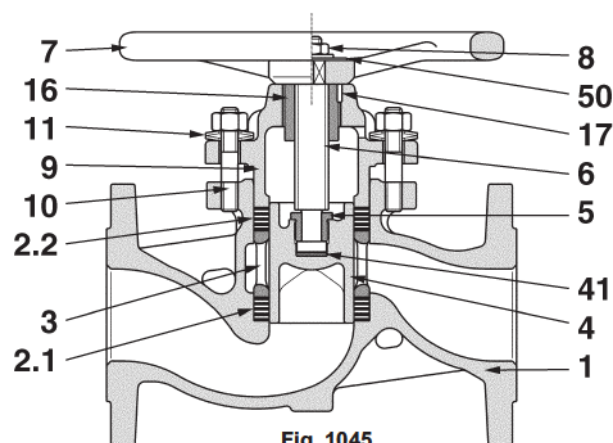


Fig. 1045

Part	Part Material for Material Schedule G
1 Body	JL 10401
2.1 Lower Valve Ring	Graphite T1
2.2 Upper Valve Ring	Graphite T4 / Graphite T1 ▲
3 Lantern Bush	Carbon Steel / Cast iron ★
4 Piston	ASTM A582 - XM 34 ★ G-X 70 Cr Mo 29 2 ★
5 Split Nut ●	Fe37 + H.T.
6 Spindle	C30
7 Handwheel	Cast iron
8 Handwheel Nut	5-2
9 Bonnet	JL 1040
10 Stud Bolt and Nut	5.6 - 5-2
11 Belleville Washer	50 Cr V4
16 Threaded Bush ▲	OT 58
17 Pin ▲	Carbon Steel
41 Thrust Plate ■	AISI 420 H.T.
50 Name Plate	Aluminium

● not existing for DN 10, 15, 20 mm

▲ for Size 65 and larger only

★ depending upon Size

■ for Size 32 and larger, only