

Stop Valves

Flanged Ends to DIN 2545 - PN 40

Rating: DIN 2401 - PN 40

Size DN 10 to DN 50

1. Full Bore - BV
Reduced Bore - BVR - Available on request
2. Standard Flanges are Raised Face, drilled.
3. On request instead of Raised Face flanges can have following finishings:
4. - large female to DIN 2513
- groove to DIN 2512
5. Face-to-Face Dimension (A) to DIN 3202 - F1.
6. Standard Material Schedules: FS - PN 40, F - PN 40, M/H - PN 40, GS - PN 40.

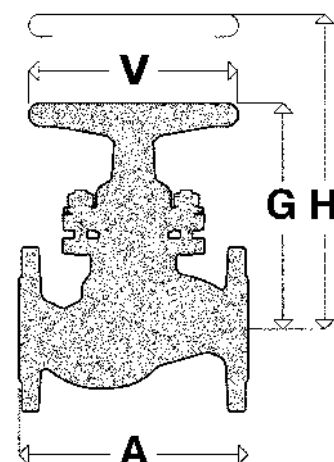


Fig. 1080

Pressure - Temperature Rating on page 2.

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	1080	FS - M/H - GS	120	110	140	95	90	16	4	14	60	2,6	15	23,5	9
BV	15	1080	FS - M/H - GS	130	110	140	95	95	16	4	14	65	2,9	15	23,5	9
BV	20	1080	FS - M/H - GS	150	135	170	115	105	18	4	14	75	4,4	20	30,0	10
BV	25	1080	FS - M/H - GS	160	150	185	125	115	18	4	14	85	6,1	25	38,0	12
BV	32	1080	F - M/H - GS	180	170	215	150	140	18	4	18	100	9,2	30	45,0	15
BV	40	1080	F - M/H - GS	200	195	250	150	150	18	4	18	110	12,2	40	58,0	16
BV	50	1080	F - M/H - GS	230	225	285	200	165	20	4	18	125	17,1	50	70,0	17
BVR ★	15	1080	FS - M/H	130	90	108	75	95	16	4	14	65	2,6	10	18,0	6
BVR ★	20	1080	FS - M/H	150	110	140	95	105	18	4	14	75	3,8	15	23,5	9
BVR ★	25	1080	F - M/H	160	135	170	115	115	18	4	14	85	5,3	20	30,0	10
BVR ★	32	1080	F - M/H	180	150	185	125	140	18	4	18	100	8,3	25	38,0	12
BVR ★	40	1080	F - M/H	200	170	210	150	150	18	4	18	110	10,2	30	45,0	15
BVR ★	50	1080	F - M/H	230	195	250	150	165	20	4	18	125	14,0	40	58,0	16

★ Available on request

Part			Part Material for Material Schedule		
			FS - F	M/H	GS
01	Body	C22.8 ★ GS - C25 ★	X5 Cr Ni Mo 17 22 2 ★ G - X6 Cr Ni Mo 18 10 ★	JS 1049	
02.1	Lower Valve Ring	Graphite T1	Graphite T1	Graphite T1	
02.2	Upper Valve Ring	Graphite T1	Graphite T1	Graphite T1	
03	Lantern Bush	Carbon Steel. / Cast iron	X5 Cr Ni Mo 17 22 2	Carbon Steel. / Cast iron ★	
04	Piston	ASTM A582 - XM 34	X5 Cr Ni Mo 17 22 2	ASTM A582 - XM 34	
05	Split Nut ●	Fe37 + H.T.	Fe37 + H.T.	Fe37 + H.T.	
06	Spindle	A479 Tp410	A479 Tp410	A479 Tp410	
07	Handwheel	Cast iron	Cast iron	Cast iron	
08	Handwheel Nut	5-2	5-2	5-2	
09	Bonnet	C22.8 / ASTM A105	C22.8 / ASTM A105	JS 1049	
10	Stud Bolt and Nut	5.6 - 5-2	5.6 - 5-2	5.6 - 5-2	
11	Belleville Washer	50 Cr V4	50 Cr V4	50 Cr V4	
16	Threaded Bush ▲	OT 58	ASTM A439 D2	OT 58	
17	Pin ▲	Carbon Steel	Carbon Steel	Carbon Steel	
41	Thrust Plate ■	AISI 420 H.T.	AISI 420 H.T.	AISI 420 H.T.	
50	Name Plate	Aluminium	Aluminium	Aluminium	

● not existing for d = 10,15 & 20 mm

★ depending upon Size

▲ for Size 32 and larger only

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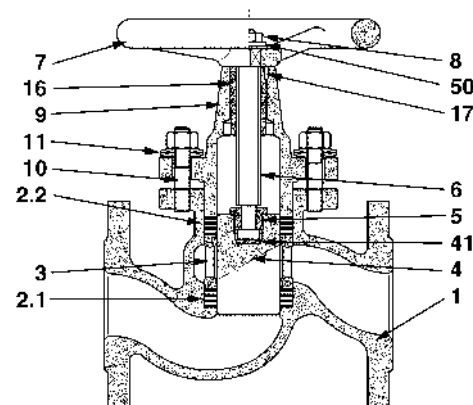


Fig. 1080