

# BV25065 | PN40 EN 1092-1

Carbon steel WCB (1.0619)

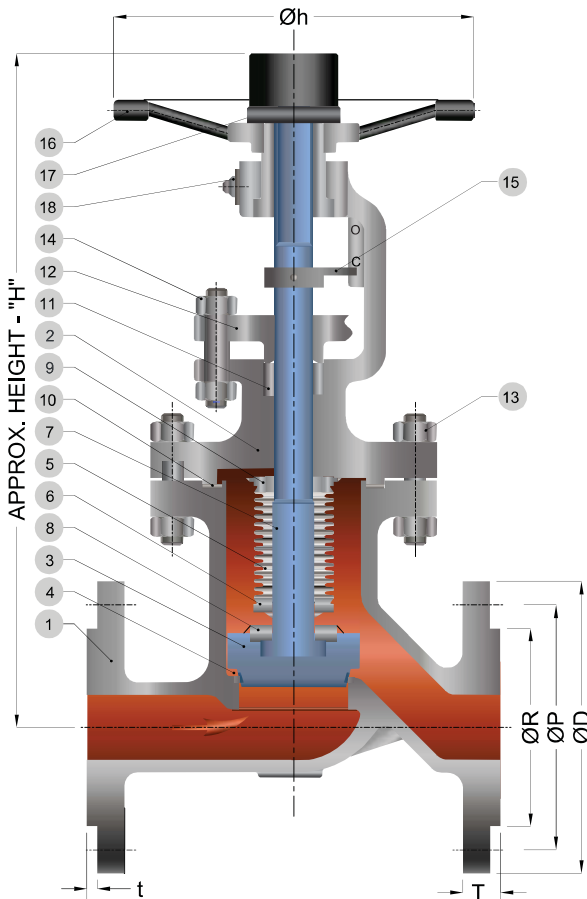
Temperature min. -10°C

Temperature max. +400°C



Testing pressure in bar

Hydro	Body	60
	Seat	44
Air	Seat	07



Nº	COMPONENT	MATERIALS
1	Body	1.0619 / ASTM - A 216 Gr.WCB
2	Bonnet	1.0619 / ASTM - A 216 Gr.WCB
3	Plug	ASTM - A 217 Gr.CA15 + 13% Cr. OVERLAY
4	Integral seat	1.0619 / ASTM - A 216 Gr.WCB + 13% Cr. OVERLAY
5	Bellow	1.4541 / AISI - 321
6	Bellow collar	1.4401 / ASTM - A 276 TYPE 316
7	Stem	1.4006 / ASTM - A 276 TYPE 410
8	Collar ring	1.4006 / ASTM - A 276 TYPE 410
9	Top collar	1.4401 / ASTM - A 276 TYPE 316
10	Gasket	SPW - SS 304 + GRAPHITE
11	Packing	GRAPHITE
12	Gland bush /Flange	1. 0619 / ASTM - A 216 Gr.WCB
13	Fastener	ASTM - A 193 Gr.B7 / A 194 Gr.2H
14	Gland stud & nut	ASTM - A 193 Gr.B7 / A 194 Gr.2H
15	Guide plate/Indicator	CARBON STEEL
16	Hand wheel	MILD STEEL / NODULAR CAST IRON
17	Hand wheelNut/cap	CARBON STEEL
18	Grease nipple	CARBON STEEL

ZERO LEAKAGE

DIN: Rate A acc.EN12266-1

Face to face acc. to EN558-1. Flanges acc. to EN 1092-1 form B

DN	PN	ØD (outer flange diameter)	ØP (Bolt circle)	ØR	T (FGL,THK)	t	NO.OF HOLE / Ø	L (Face to face)	Øh	STROKE	H (closed)	Weight (Kg)
15	40	95	65	45	16	2	4/Ø14	130	172	4	260	8.5
20	40	105	75	58	18	2	4/Ø14	150	172	5	275	9.5
25	40	115	85	68	18	2	4/Ø14	160	172	7	290	11.5
32	40	140	100	78	18	2	4/Ø18	180	200	8	297	17.0
40	40	150	110	88	19	3	4/Ø18	200	200	10	331	19.0
50	40	165	125	102	20	3	4/Ø18	230	200	13	365	21.5
65	40	185	145	122	22	3	8/Ø18	290	250	16	435	33.5
80	40	200	160	138	24	3	8/Ø18	310	300	19	455	45.0
100	40	235	190	162	24	3	8/Ø22	350	300	25	576	61.5
125	40	270	220	188	26	3	8/Ø26	400	350	32	640	102.0
150	40	300	250	218	28	3	8/Ø26	480	400	38	720	122.0
200	40	375	320	285	34	3	12/Ø30	600	450	50	850	222.0
250	40	450	385	345	38	3	12/Ø33	730	600	70	1.030	362.0
300	40	515	450	410	42	4	16/Ø33	850	600	80	1.250	533.0

### WORKING CONDITIONS

Temperature °C	-10/120	150	200	250	300	350	400
Pressure Bar	40	35,2	33,3	30,4	27,6	25,7	23,8