

## BV25061

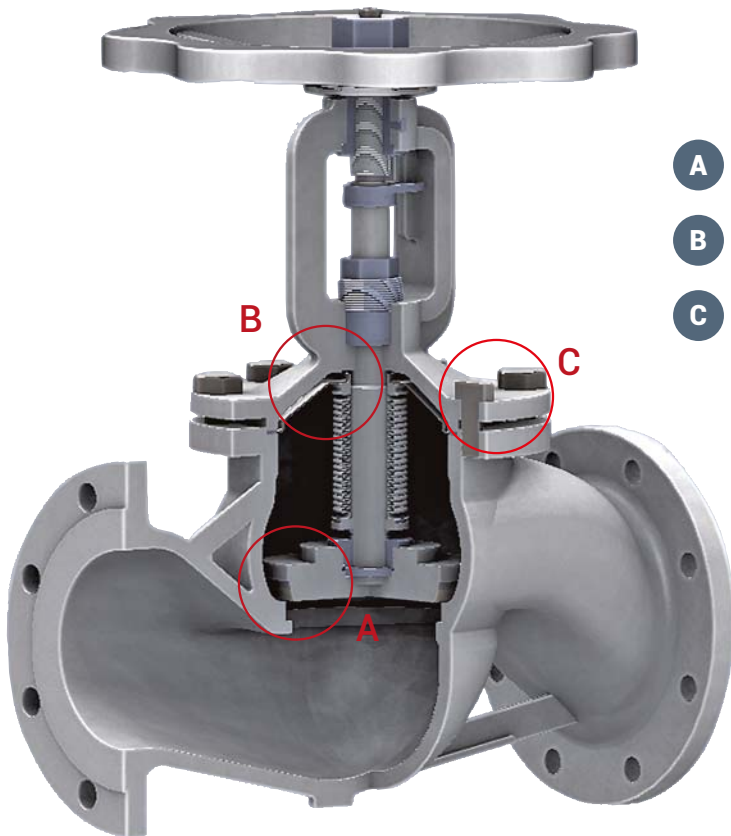
### Bellows sealed valve

**PN16** EN 1092-2  
**Cast Iron** EN-JL 1040

Temperature min. **-10°C**  
Temperature max. **+300°C**

Bellow Seal Cast Iron Globe Valve, with flanges acc. to EN 1092-2, face to face as per EN 558-1 and with ACME stem screw thread and grounded shaft. Multiple bellow with long service life (over 10.000 cycles without failure) made of stainless steel. Min. life cycle of Bellow as per MSS SP-117, metal back seat, safety stuffing box packing made of pure graphite, graphite + stainless steel Gasket, housed in a tongue and grooved flange.

**Cast Iron:** Body and Bonnet made of cast material GG 25, seat ring hard faced 13% Cr, disc with conical and 360° rotating plug made of ASTM - A 217 Gr.CA15 + hard faced 13% Cr.

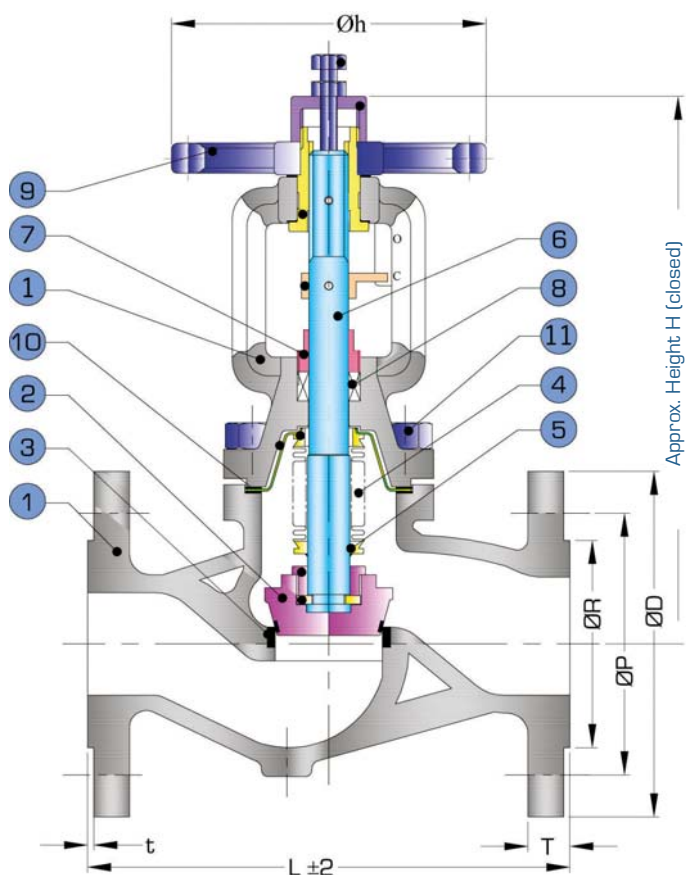


- A** Standard 360° free rotation and conical plug
- B** No ejectable stem
- C** Tongued and grooved body and bonnet

EN 12226-1 leak rate A

#### Testing pressure in bar

Hydro	Body	24
	Seat	18
Air	Seat	07



Nº	COMPONENT	MATERIALS
1	Body & Bonet	EN-JL 1040 Cast Iron
2	Plug	St. Steel 1.4021+ Hard Faced 13% Cr
3	Seat	ASTM - A105 + Hard Faced 13% Cr
4	Bellow	St. Steel 1.4541 / AISI-321
5	Bellow collar	St. Steel 1.4541
6	Stem	St. Steel 1.4006
7	Gland	St. Steel 1.4021
8	Packing	Pure Graphite
9	Hand Wheel	EN-GJS-400-18-LT Nodular
10	Bonet Gasket	Graphite + Stainless steel
11	Bolt & Nuts	Carbon Steel Gr.10.9

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	16	95	65	46	14	2	4/Ø14	130	150	4	215	4,80
20	16	105	75	56	16	2	4/Ø14	150	150	5	220	5,16
25	16	115	85	65	16	3	4/Ø14	160	150	6.5	230	5,98
32	16	140	100	76	18	3	4/Ø19	180	150	8	235	7,80
40	16	150	110	84	18	3	4/Ø19	200	200	10	255	11,20
50	16	165	125	99	20	3	4/Ø19	230	200	13	265	13,60
65	16	185	145	118	20	3	4/Ø19	290	250	16,5	325	22,90
80	16	200	160	132	22	3	8/Ø19	310	250	20	335	27,40
100	16	220	180	156	24	3	8/Ø19	350	300	25	385	40,30
125	16	250	210	184	26	3	8/Ø19	400	350	32	425	67,20
150	16	285	240	211	26	3	8/Ø23	480	400	38	485	89,20
200	16	340	295	266	30	3	12/Ø23	600	450	51	615	143,50
250	16	405	355	319	32	3	12/Ø28	730	500	63	780	241,00

### Working conditions

Temperature °C	-10/120	150	200	250	300
Pressure Bar	16	14,4	12,8	11,2	9,6