



**Gate Valve with Flanges**  
**PN16 [40-150] & PN10 [200-300]**  
Cast Iron, metal/metal contact



**Fig. VC10JH**

**Design:**  
**DIN 3352**

**CE**



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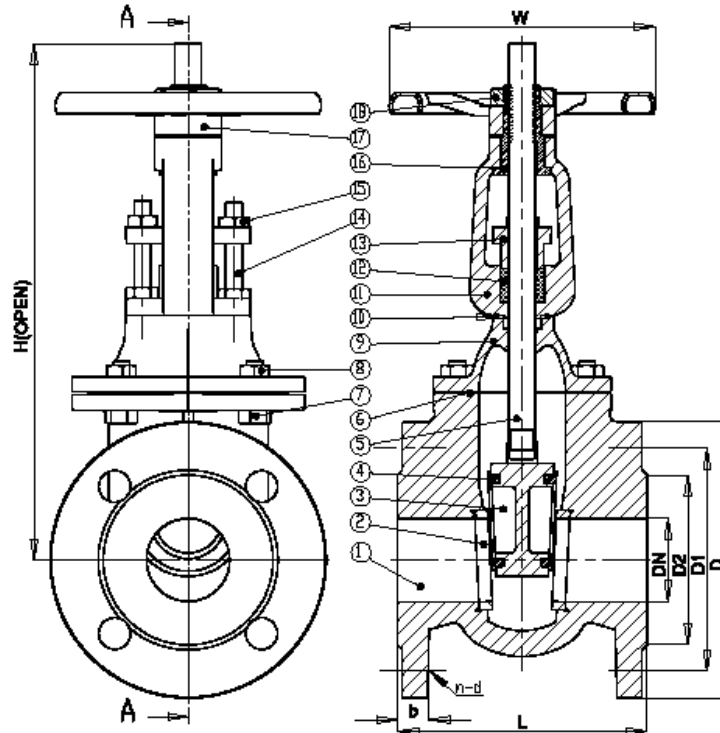
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# Gate Valve with Flanges

## PN16 [40-150] & PN10 [200-300]

### Description & Material



Item	Description	Material	Type of Material
1	Body	Cast Iron	EN-GJL-250
2	Seat Ring	2Cr13	2Cr13
3	Wedge	Cast Iron	EN-GJL-250
4	Wedge Ring	2Cr13	2Cr13
5	Stem	2Cr13	2Cr13
6	Bonnet Gasket	Graphite	Graphite
7	Bolt	Carbon Steel	ANSI1045
8	Nut	Carbon Steel	ANSI1045
9	Bonnet Gasket	Cast Iron	EN-GJL-250
10	O Ring	EPDM	EPDM
11	Yoke	Cast Iron	EN-GJL-250
12	Packing	Graphite	Graphite
13	Glande	Cast Iron	EN-GJL-250
14	Stud	Carbon Steel	ANSI1045
15	Nut	Carbon Steel	ANSI1045
16	Yoke Nut	Brass	Laiton
17	Handw heel	Cast Iron	EN-GJL-250
18	Nut	Carbon Steel	ANSI1045



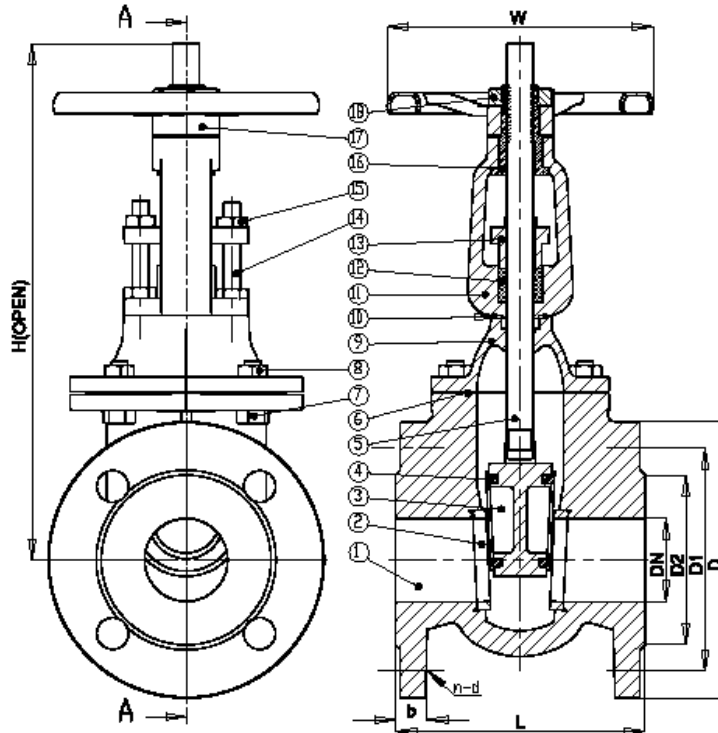
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# Gate Valve with Flanges PN16 [40-150] & PN10 [200-300] Dimensions



DN	D	D1	D2	L	H	b	n	d	W
40	150	110	88	140	175	18	4	18	160
50	165	125	102	150	180	20	4	18	160
65	185	145	122	170	185	20	4	18	180
80	200	160	138	180	200	22	8	18	180
100	220	180	158	190	210	24	8	18	200
125	250	210	188	200	250	26	8	18	200
150	285	240	212	210	280	26	8	22	250
200	340	295	268	230	300	26	8	22	300
250	395	350	320	250	350	28	12	22	350
300	445	400	370	270	400	28	12	22	400

Dimensions in mm



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General Characteristics	Fig. VC10JH
Design	Standard
Valve Design	DIN 3352
Face to Face	DIN 3202 F4
Flange Dimension	DIN 2532, 2533, etc
Visual Inspection	MSS SP- 55
Marks	ISO 5209
Tests & certificates	En 10204 3.1b
Pressure Tests	DIN 3230
Other information	CE BRANDED

### APPLICATIONS

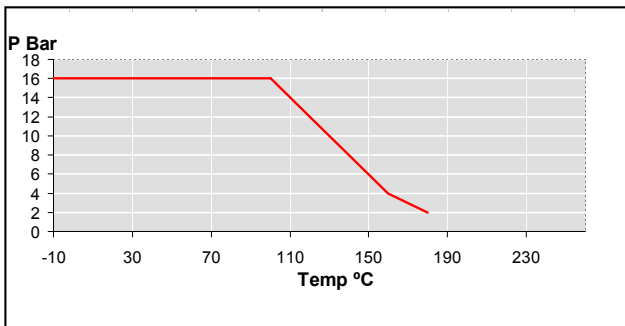
Recommended working T°	100°C
Working pressure	PN10 ou PN16
Applications possibles	Water, Oil & Neutral environments
Precautions	FREEZING WEATHER PRECAUTION: Subsequent to testing a piping system, gate valves should be left in an open position to allow complete drainage

Note: Don't work above the indications in the PT chart

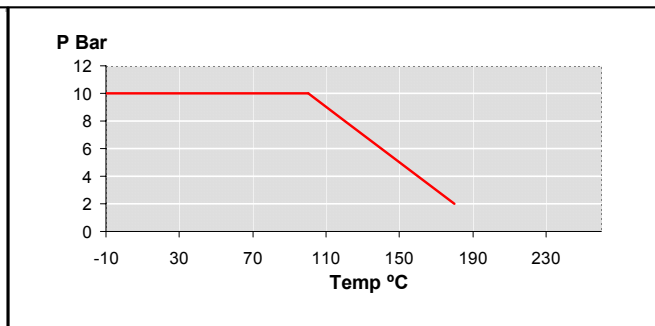
### PRESSURE TESTS ACCORDING DIN 3230

DN	PRESSION (PN)	TEST HYDRO (Mpa)	
		Corps	Siège
40-150	16	2,40	1,76
200-300	10	1,50	1,10

DN40-150



DN200-300



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