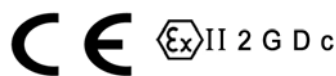


Gate Valves Type Bolted Bonnet PN-16 DN 40-600 Carbon Steel & Stainless Steel



Fig. VC16BB

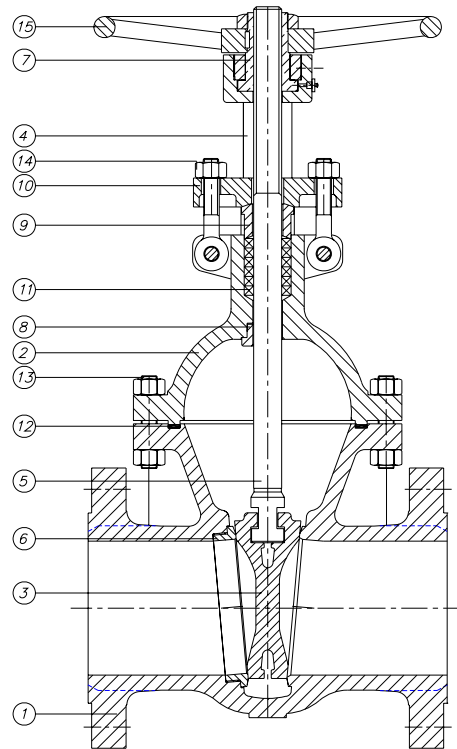
Design:
ISO 10434



Gate Valves PN16

Type Bolted Bonnet

Parts and materials

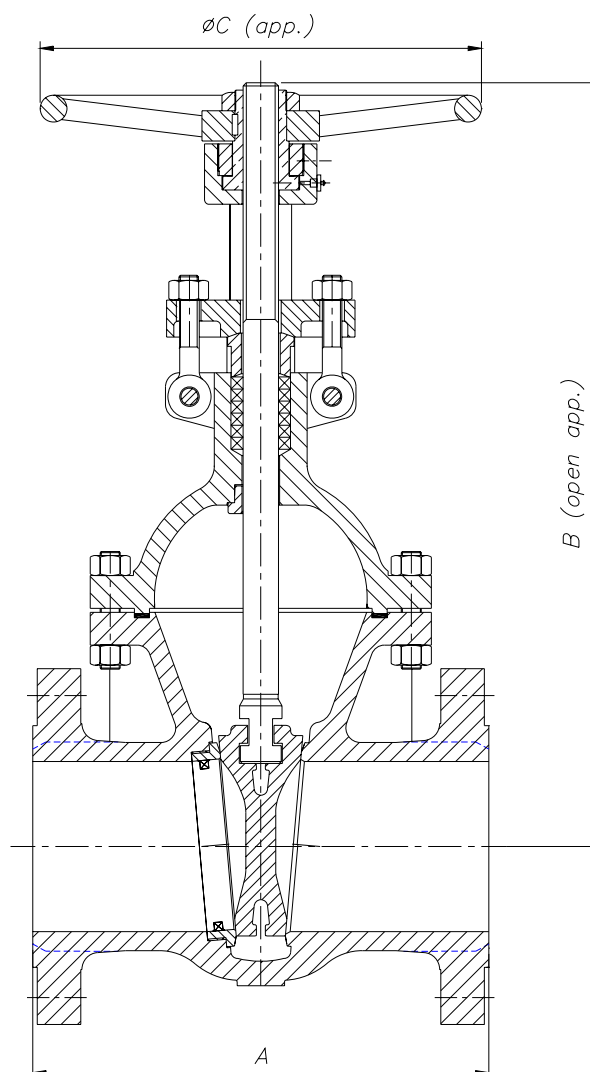


Item	Description	Material	
		Carbon Steel	Stainless Steel
1	Body	1,0619	1,4408
2	Bonnet	1,0619	1,4408
3	Wedge	GX 25 Cr 14 (13 Cr) (2)	Integral
4	Yoke	1,0619	1,4408
5	Stem	X10 Cr 13 (13Cr)	1,4401
6	Seat Ring	GX 25 Cr 14 (13 Cr) (1)	1,4408
7	Stem Nut	1,1151	1,4301
8	Backseat	1,4301	1,4401
9	Gland	1,1151	Integral
10	Gland Flange	1,1151	1,4308
11	Stem Packing	Graphited	Graphited
12	Gasket	Graphited	Graphited
13	Bonnet Bolt & Nut	1,7258	1,4301
14	Eye Bolt & Nut	1,7258	1,4301
15	Handwheel	0,7040	0,7040
(1) DN 200 and larger 1,0619 +013Cr			
(2) DN 200 and larger 1,1151 +013Cr			

Gate Valves PN 16

Type Bolted Bonnet

Dimensions



DN	A (RF/BW)	B	ØC	WEIGHT
40	240	315	160	14
50	250	370	160	18
65	270	380	200	27
80	280	440	225	33
100	300	515	250	45
125	325	630	280	68
150	350	725	320	90
200	400	820	360	125
250	450	1025	400	225
300	500	1220	450	320
350	550	1435	500	460
400	600	1575	560	700
500	700	2250	600	1725
600	1350	2400	700	2570

(*) Dimensions in mm and weight in kg.

Gate Valves PN16

Type Bolted Bonnet

General Characteristics, Cv, P&T Rating

GENERAL CHARACTERISTICS	Fig. VC16BB			
DESIGN STANDARDS				
Valves design	ISO 10434			
End to End Dimensions	ISO 5752			
Flanged Dimensions	ISO 7005-1 Part. 1			
Visual Inspection	MSS SP- 55			
Marking	ISO 5209			
TESTS AND CERTIFICATES				
Pressure testing	ISO 5208			
Others	ATEX, CE			

Cv Values in U.S. Gallons/min.

65	450	350	15100
80	620	400	20300
100	1160	450	25000
125	1900	500	32500
150	2700	550	40000
200	5100	600	48500
250	8050		

Pressure-Temperature (STANDARD CLASS According ISO 7005-1)

Temp °C	MATERIAL	
	1,0619 Bar	1,4408 Bar
0-20	16,0	14,6
50	16,0	13,9
100	16,0	12,6
150	15,7	11,5
200	15,2	10,5
250	14,4	9,7
300	12,8	9,0
350	11,2	8,5
400	8,8	8,2
425	7,2	8,0
450		8,0
500		7,8



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Nota: Las medidas del presente catalogo son orientativas y pueden variar sin previo aviso