

# BRONZE GATE VALVE PN 20

## V 2143

Ref. : V 2143.pas

Rev. : H

Date : 03/12/2015



PA Ventil AB

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### APPLICATION:

Cutting of a usual fluid, economic installation  
cold water low pressure with control for gas.

### GENERAL CHARACTERISTICS:

Bronze body, bonnet and seat.  
BSP female threaded ends - PN 20.

### CONSTRUCTION

9	1	Bonnet washer	Fiber	
8	1	Stem packing	EPDM	
7	1	Wedge	Bronze CuSn5Zn5Pb5-C	DIN: G-CuSn5PbZn (Rg 5) ASTM: B62 C83600 BS: 1400 LG2
6	1	Handwheel	Cast iron	
5	1	Stem	Copper alloy CuZn39Pb2	DIN: CuZn39Pb2 ASTM: B124 C37700 BS: 12164 CZ121
4	1	Packing gland	Bronze	
3	1	Nut	Bronze	
2	1	Bonnet	Bronze CuSn5Zn5Pb5-C	DIN: G-CuSn5PbZn (Rg 5) ASTM: B62 C83600 BS: 1400 LG2
1	1	Body	Bronze CuSn5Zn5Pb5-C	DIN: G-CuSn5PbZn (Rg 5) ASTM: B62 C83600 BS: 1400 LG2
Pos.	Qty.	Description	Material	

### DIMENSIONS

DN		L	H	D1	ØP	A	B	Weight (kg)
mm	inch							
15	1/2"	42	74	15	54	27	9	0,26
20	3/4"	50	81	19	57	33	11	0,38
25	1"	52	99.5	24	57	40	14	0,55
32	1"1/4	55	117	30	71	49	14,5	0,75
40	1"1/2	59	129	34	71	55	16	0,99
50	2"	71	150.5	42	78	68	18	1,51
65	2" 1/2	81	162	54	127	76	18	2.62
80	3"	98	193	68	129.5	80	21	3.76
100	4"	121	227,5	82	129.5	85	28	3.95

### WORKING CONDITIONS

Maximum working pressure : 20 bar.  
Maximum temperature : -10°C/+100°C.

Pressure test according to standards  
EN 12266-1, DIN 3230, BS 5154 and ISO 5208 :

Body : 30 bar.  
Seat : 22 bar.

### STANDARDS

BSP threaded according to standard ISO 228-1.

