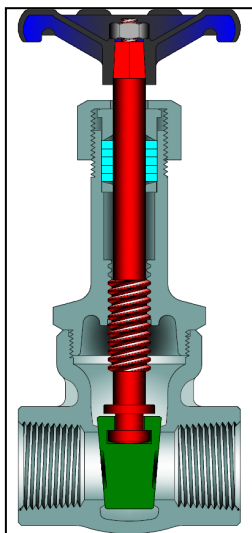


GATE VALVES

THREADED BONNET, ASME CLASS 200

1/4" - 2" (6 - 50 mm), THREADED OR SOCKET WELD ENDS

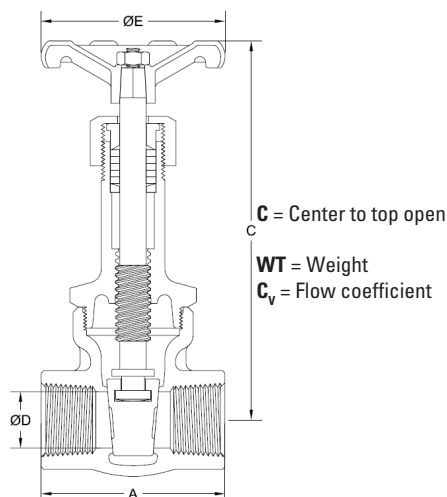
CAST STAINLESS STEEL



Class	Fig. No.
200	1832

DESIGN FEATURES:

- Fully guided solid wedge.
- Socket weld ends are available.
- Each valve is shell, seat and backseat pressure tested per industry standard API 598.
- Integral seats are standard.
- Threaded ends are NPT type per ASME B1.20.1.
- Socket weld ends are per ASME B16.11.



STANDARD MATERIALS

PART	MATERIALS
Body	A351 Gr. CF8M
Bonnet	A351 Gr. CF8M
Wedge	A351 Gr. CF8M
Stem	A276 316
Packing Nut	SST 316
Gland	SST 316
Packing	PTFE
Packing Collar	SST 316
Hand Wheel	A47
Hand Wheel Nut	Steel
Identification Plate	Aluminum

Design Specifications

Item	Applicable Specification
Pressure - temperature ratings	ASME B16.34
General valve design	ASME B16.34
Materials	ASTM

SIZE	ASME 200					
	A	C	D	E	WT	CV
in					lb	
mm					kg	
1/4	1.75	4.6	0.38	2.5	0.8	7.1
7	44	116	10	64	0.4	
3/8	2.00	4.6	0.38	2.5	0.8	7.1
10	51	116	10	64	0.4	
1/2	2.25	5.3	0.5	2.8	1.3	12.6
13	57	133	13	70	0.6	
3/4	2.50	6.7	0.75	3.0	2.1	30
20	64	170	19	76	1.0	
1	3.25	7.8	1.00	3.3	3.3	55
25	83	198	25	83	1.5	
1 1/4	3.50	9.3	1.25	3.6	4.8	87
32	89	236	32	91	2.2	
1 1/2	3.75	10.5	1.50	4.1	6.2	130
38	95	267	38	103	2.8	
2	4.00	12.6	2.00	4.8	10.4	240
50	102	321	51	121	4.7	

NOTE: Powell reserves the right to convert threaded ends to socket weld. Remnant of threads will exist as pipe stop behind socket bore.