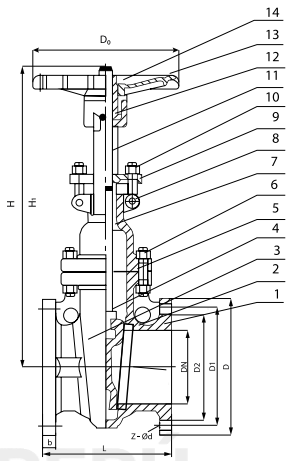
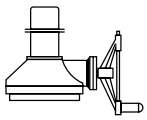
Gate Cast Steel ASTM A216 WCB Class 150



* Reference photo

Body and Bonnet Cast Steel ASTM A216 WCB
Bolted Bonnet. Rising Stem OS&Y.
Design, Manufacture, Test in accordance with API 600
Norm Steel Valves: ANSI/ASME B16.34
Flange dimensions: ANSI B16.5 RF
Face to Face dimensions: ASME B16.10
Hydrostatic Testing API 598
From 16" optional gearbox operation





Sizes from 16" optional gearbox operation

MATERIALS

	PART NAME	MATERIAL
1	BODY	ASTM A216 WCB
2	SEAT RING	ASTM A216 WCB+13% Cr
3	WEDGE	ASTM 216 WCB+13% Cr
4	STEM	SS 410
5	BODY TO BONNET GASKET	304 + GRAPHITE
6	BODY TO BONNET BOLT	ASTM A193 B7
7	BACKSEAT	420
8	PACKING	FLEXIBLE GRAPHITE
9	GLAND FLANGE / GLAND	ASTM A216 WCB / 410
10	EYE / GLAND BOLT	ASTM A193 B7
11	BONNET	ASTM A216 WCB
12	YOQUE / STEM NUT	ZcuAL 10 Fe3
13	HANDWHEEL	ASTM A216 WCB
14	HANDWHEEL NUT	ASTM A194 2H

DIMENSIONS (mm)

SIZE	L	D	D1	D2	b	Z-Ød	D0	H	H1	WEIGHT (Kg)
2"	178	152	120.5	92	16	4-19	200	342	408	15.100
2 1/2"	190	178	139.5	105	18	4-19	250	415	492	21.250
3"	203	190	152.5	127	19	4-19	250	465	552	27.700
4"	229	229	190.5	157	24	8-19	300	509	624	42.100
5"	254	245	208	186	24	8-22	300	600	750	60.000
6"	267	279	241.5	216	26	8-22	300	641	804	68.000
8"	292	343	298.5	270	29	8-22	350	784	1002	107.00
10"	330	406	352	324	31	12-25	400	922	1186	177.125
12"	356	483	432	381	32	12-25	500	1096	1412	248.00
14"	381	533	476	413	35	12-29	600	1207	1568	333.75
16"	406	597	540	470	37	16-29	650	1350	1752	435
18"	432	635	578	533	40	16-32	650	1472	1943	440
20"	457	699	635	584	43	20-32	650	1630	2143	625
24"	508	813	749.5	692	48	20-35	800	1922	2545	1050

PRESSURE TEMPERATURE RATINGS (PSI)

Temperature ºF/ºC	Class 150
(-) 20 ºF / (-) 29 ºC to (+) 100 ºF / (+) 38 ºC	285
200 ºF / 93 ºC	260
300 ºF / 149 ºC	230
400 ºF / 204 ºC	200
500 ºF / 260 ºC	170
600 ºF / 316 ºC	140
650 ºF / 343 ºC	125
700 ºF / 371 ºC	110
750 ºF / 399 ºC	95
800 ºF / 427 ºC	80
850 ºF / 454 ºC	65
900 ºF / 482 ºC	50

* Note : Dimensions, design and materials are subject to change without notice. Approximate weights.

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