

# FORGED GATE VALVE

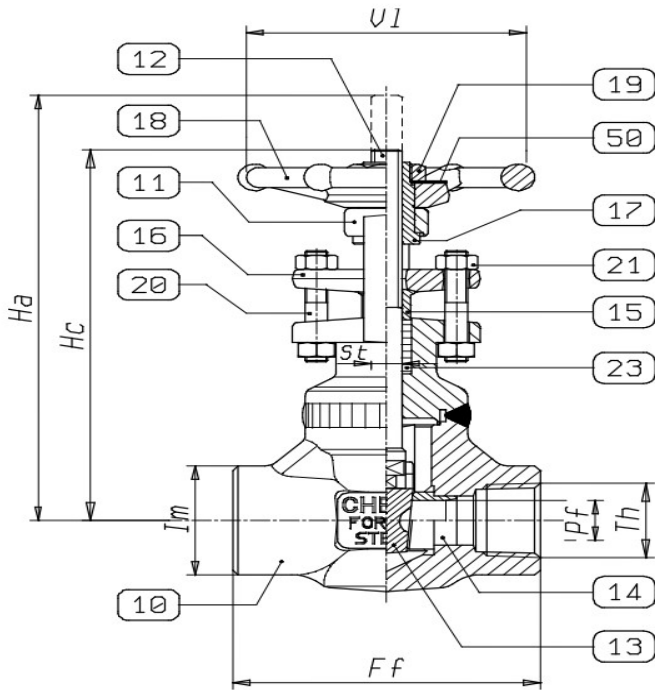
## Class 800 WB

### Basic design features

<b>Design</b>	ISO 15761-API 602
<b>Face to face</b>	ASME B16.10
<b>Ends Dimensions</b>	SW according to ANSI B16.11/ NPT-F according to
<b>Testing</b>	API 598
<b>Bore</b>	REDUCED-FULL
<b>Bonnet</b>	BOLTED
<b>Marking</b>	CE - PED
<b>Certificates</b>	EN 10204 - 3.1 / 3.2
<b>Rating</b>	800 LBS

### Test Pressure to API 598

<b>Class</b>	800 LBS
<b>Shell (Water)</b>	211 bar
<b>Seat (Water)</b>	155 bar
<b>Seat (Air)</b>	6.0 bar



### BILL OF MATERIALS STANDARD ACCORDING TO ASTM

	Part Nam	A105	A350 LF2	A182 F11
10	Body	ASTM A105N	/	/
11	Bonnet	ASTM A 105N	/	/
12	Stem	ASTM A 182 F6a	/	/
13	Wedge	ASTM A182 F6a	/	/
14	Seats	ASTM A182 F6a+STL	/	/
15	Gland	AISI 316	/	/
16	Gland Flange	ASTM A 105N	/	/
17	Stem nut	AISI 416	/	/
18	Handwell	ASTM A105	/	/
19	Handwell nut	CARBON STEEL	/	/
20	Gland stud bolt	AISI 410	/	/
21	Gland nut	ASTM A194 2H	/	/
23	Packing	GRAPHITE	/	/
50	Namplate	ALLUMINIUM	/	/

\*VS 215 C30 - VS 215 C31

\*Body Material available in: A182 F5 - A182 F22 - A182 F91 - A182 F304 - A182 F347- A182 F321 - A182 F44 - A182 F51 - A182 F53-A350 LF2-A182 F11-A182 F316

On request TRIM: with Stellite , Monel, Hastelloy, Inconel, Alloy, other material



**FORGED GATE VALVE**  
**Class 800 WB (REDUCED**  
**BORE)**

SIZE INCH	Ff (MM)	Hc (MM)	Im (MM)	Vi (MM)
1/4"	/	/	/	/
3/8"	/	/	/	/
1/2"	80	136	33	90
3/4"	90	138	38	90
1"	100	166	49	100
1-1/4"	127	206	57	120
1-1/2"	140	208	64	140
2"	140	235	78	140

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