

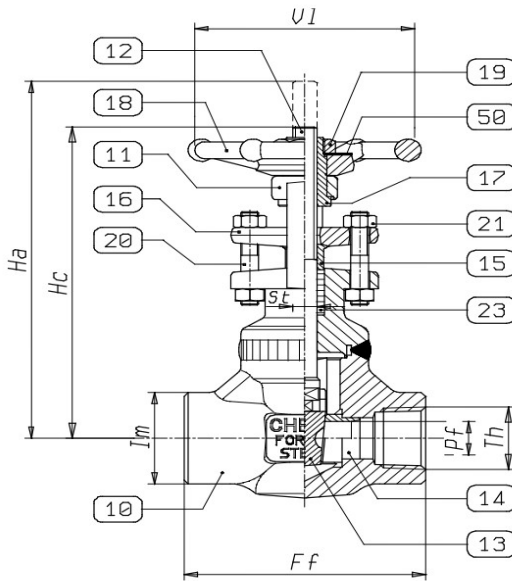
## PRELIMINARY

AVAILABLE ARE ALSO VALVES ACCORDING TO OTHER STANDARDS, MATERIALS, PATTERNS, CLASSES, SIZES.

## GATE WELDED

### BASIC DESIGN STANDARDS

Basic Design	ISO 15761 - API 602
Wall Thickness / Pressure / Temperature	According to ANSI B16.34
Ends	SW according to ANSI B16.11 /
Dimensions	NPT-F according to ASME B1.20.1
Bore	Reduced & Full



### TEST PRESSURE TO API 598 bar

Class	Shell (water)	Seat (water)	Seat (air)
800	211	155	6.0

## BILL OF MATERIALS STANDARD ACCORDING TO ASTM

N	Part Nam	A105
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

DIM.MM (REDUCED BORE)	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

