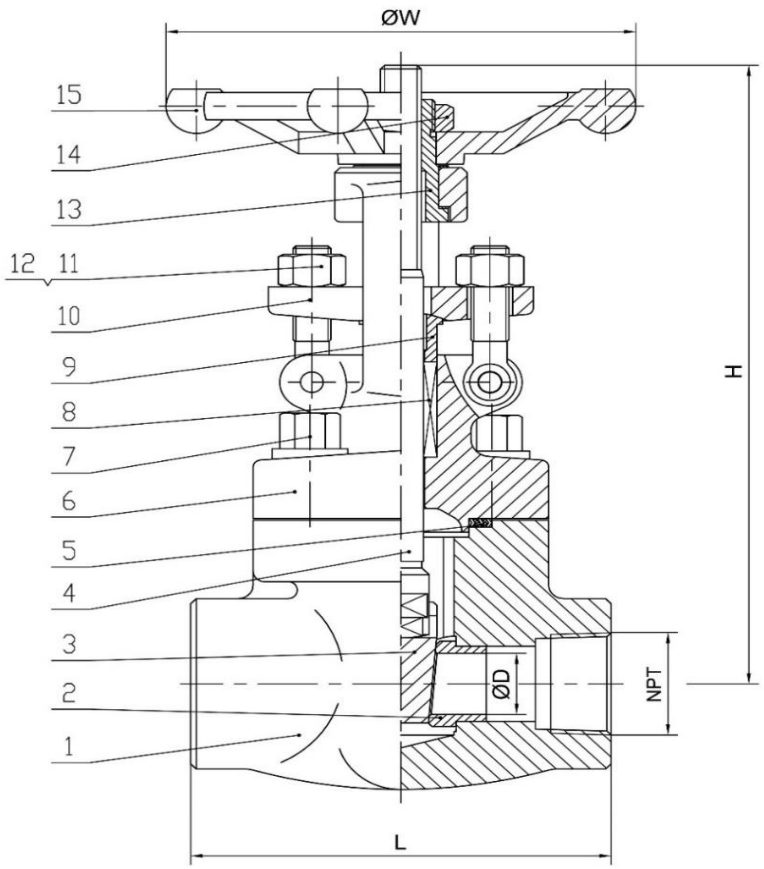
TYPE: A5GA1

GATE VALVE - CLASS 800 - FORGED STEEL ASTM A105N

THREADED END NPT OR SOCKET WELD



NO.	PART NAME	MATERIAL	QTY
1	Body	ASTM A105N	1
2	Seat ring	ASTM A276 420 + STL	1
3	Wedge	ASTM A182 F6a	1
4	Stem	ASTM A182 F6a	1
5	Bonnet gasket	Graphite + SS304	1
6	Bonnet	ASTM A105N	1
7	Bonnet bolt	ASTM A193 B7	2
8	Packing	Graphite	1
9	Gland	ASTM A276 420	1
10	Gland flange	ASTM A105N	1
11	Gland eyebolt	ASTM A29 1035	2
12	Gland Nut	ASTM A194 2H	2
13	Stem nut	ASTM A276 410	1
14	Locking nut	ASTM A29 1035	1
15	Handwheel	ASTM A197	1

PRESSURE TEST	Shell Test	21 MPa
	Seat Test	15.6 MPa
	Air Test	0.6 MPa
MANUFACTURE STANDARD	Valve Design	API 602
	Valve Test	API 598
	Threaded End	ASME B1.20.1
	Socket End	ASME B16.11

DIMENSIONS:

NPT	DN	D	L	H	W							
1/2	15	10.5	79	159	100							
3/4	20	13.5	92	163	100							
1	25	18	111	201	125							
1-1/4	32	22	120	221	160							
1-1/2	40	29	120	248	160							
2	50	36	140	283	180							

Drawing No.	Date	Type	Rev. No.	By
A51001	2012.11.28	A5GA1	02	AT

GATE VALVE - CLASS 800 - FORGED STEEL ASTM A105N

THREADED END NPT OR SOCKET WELD

TTS VALVE TECHNOLOGIES SDN BHD

AUTOMA