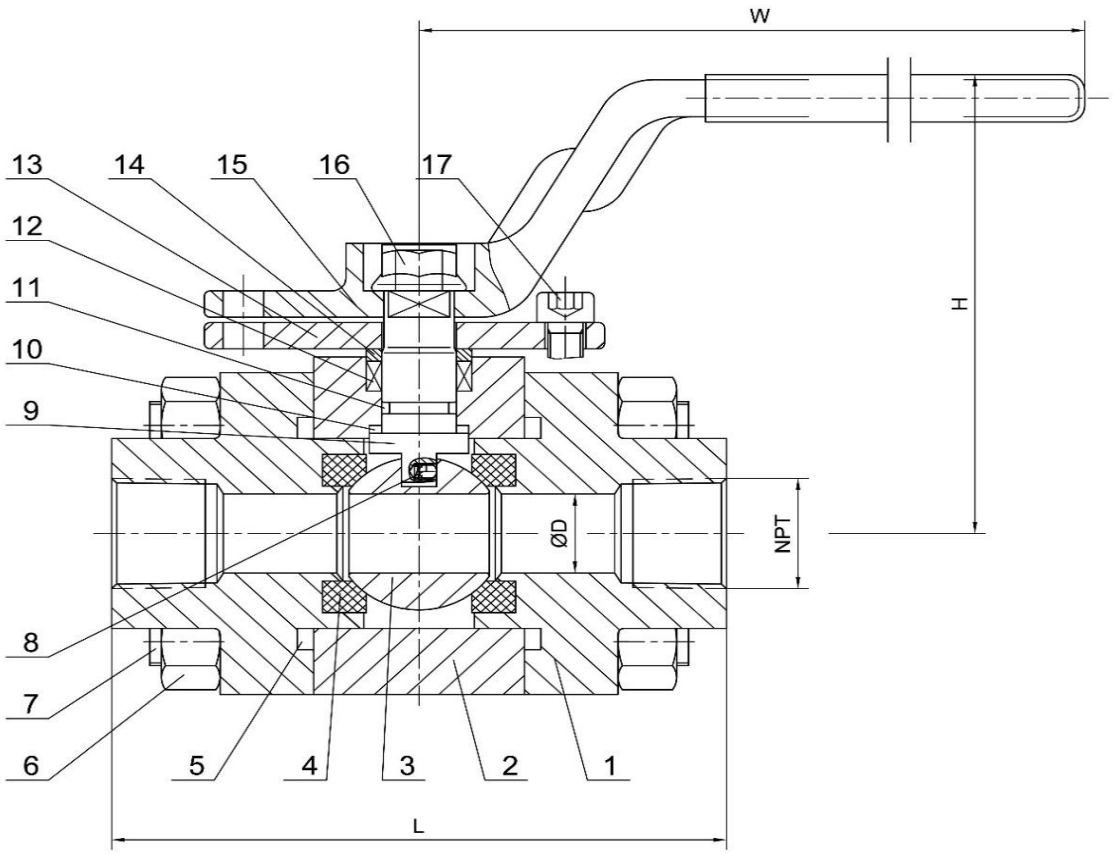
TYPE: A5BA1

3-PC BALL VALVE - CLASS 800 - FORGED STEEL ASTM A105N

THREADED END NPT FIRE SAFE/ANTI-STATIC DESIGN



NO.	PART NAME	MATERIAL	QTY
1	Body	ASTM A105N	1
2	Cap	ASTM A105N	2
3	Ball	ASTM A182 F304	1
4	Seat	R-PTFE	2
5	Gasket	Graphite + SS304	1
6	Nut	ASTM A194 2H	4
7	Bolt	ASTM A193 B7	4
8	Anti-Static Device	SS316	1
9	Stem	ASTM A276 420	1
10	Gasket	PTFE	1
11	O-ring	VITON	1
12	Packing	Graphite	1
13	Gland flange	ASTM A216 WCB + Zn	1
14	Gasket	SS304	2
15	Lever	ASTM A216 WCB + Zn + PVC	1
16	Nut	ASTM A194 2H + Zn	1
17	Hex. Screw	ASTM A193 B7	1

PRESSURE TEST	Shell Test	21 MPa
	Seat Test	15.6 MPa
	Air Test	0.6 MPa
MANUFACTURE STANDARD	Valve Design	ASME B16.34
	Valve Test	API 598
	Threaded End	ASME B1.20.1
	Socket End	ASME B16.11
	Fire Safe Test	API 607

DIMENSIONS:

NPT	DN	D	L	H	W							
1/2	15	15	105	95	165							
3/4	20	19	113	100	165							
1	25	25	125	100	165							
1-1/4	32	32	135	125	180							
1-1/2	40	38	160	135	200							
2	50	50	170	145	200							

Drawing No.	Date	Type	Rev. No.	By
A51003	2012.11.28	A5BA1	02	AT

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TTS VALVE TECHNOLOGIES SDN BHD

AUTOMA