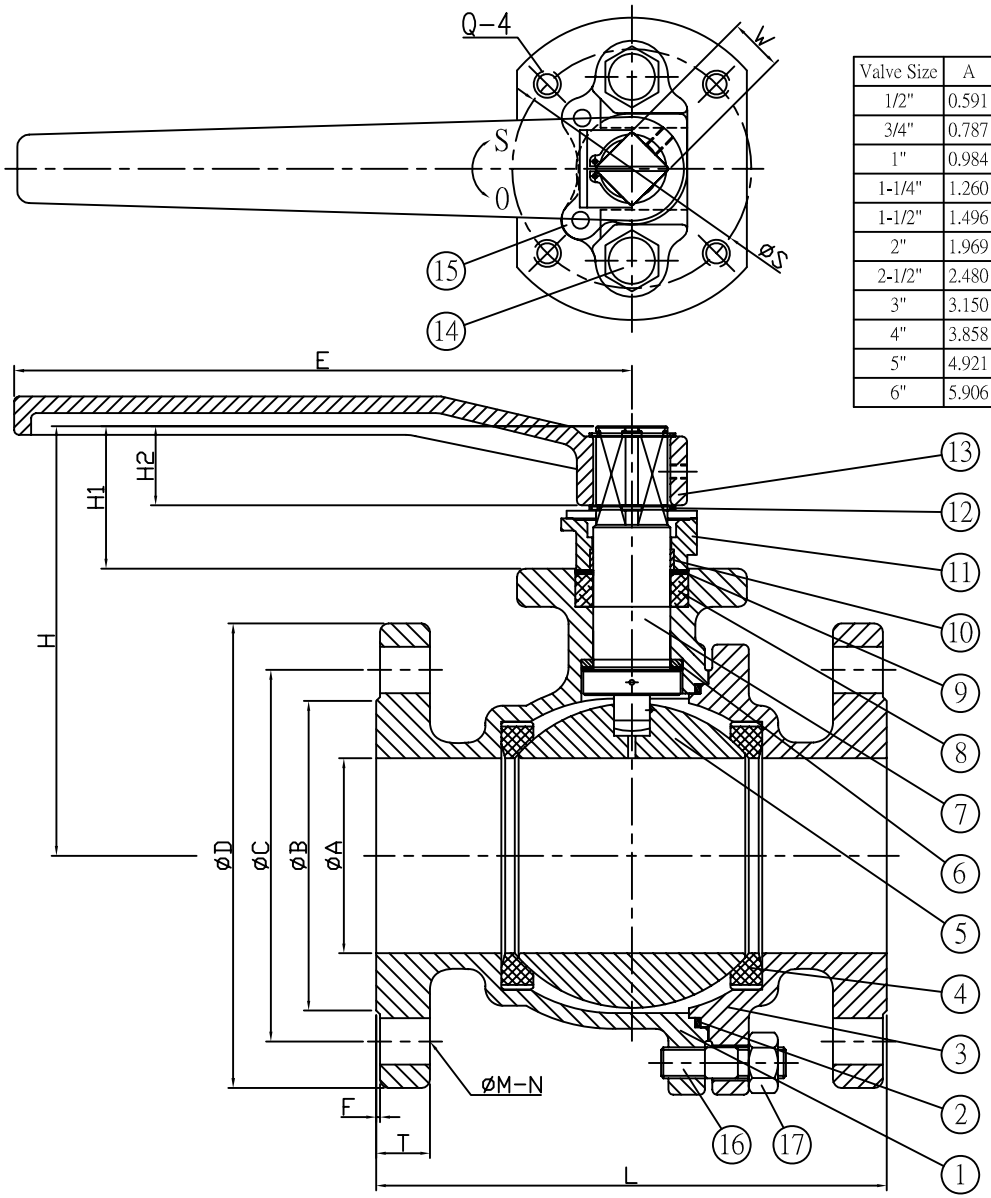

DIMENSIONS

Unit : Inch

Valve Size	A	B	C	D	E	F	H	H1	H2	L	W	S	T	Q	⌀M-N
1/2"	0.591	1.380	2.380	3.500	5.150	0.060	2.587	0.894	0.492	4.252	0.433	1.654	0.440	1/4"-20	⌀0.620-4
3/4"	0.787	1.690	2.750	3.880	5.150	0.060	2.685	0.886	0.492	4.606	0.433	1.654	0.440	1/4"-20	⌀0.620-4
1"	0.984	2.000	3.120	4.250	6.496	0.060	3.173	1.154	0.610	5.000	0.551	1.969	0.440	1/4"-20	⌀0.620-4
1-1/4"	1.260	2.500	3.500	4.620	6.496	0.060	3.406	1.154	0.610	5.512	0.551	1.969	0.500	1/4"-20	⌀0.620-4
1-1/2"	1.496	2.880	3.880	5.000	7.953	0.060	4.287	1.512	0.846	6.496	0.669	2.756	0.560	5/16"-18	⌀0.620-4
2"	1.969	3.620	4.750	6.000	7.953	0.060	4.587	1.512	0.846	7.008	0.669	2.756	0.620	5/16"-18	⌀0.750-4
2-1/2"	2.480	4.120	5.500	7.000	7.953	0.060	5.472	1.512	0.846	7.480	0.669	2.756	0.690	5/16"-18	⌀0.750-4
3"	3.150	5.000	6.000	7.500	12.933	0.060	6.669	2.295	1.240	7.992	0.866	4.016	0.750	3/8"-16	⌀0.750-4
4"	3.858	6.190	7.500	9.000	12.933	0.060	7.610	2.374	1.303	9.016	0.866	4.016	0.940	3/8"-16	⌀0.750-8
5"	4.921	7.310	8.500	10.000	29.626	0.060	9.331	2.953	1.791	14.016	1.063	4.921	0.940	1/2"-13	⌀0.880-8
6"	5.906	8.500	9.500	11.000	29.626	0.060	10.079	2.953	1.791	15.512	1.063	4.921	1.000	1/2"-13	⌀0.880-8

MATERIALS

NO.	PART NAME	MATERIAL
1	BODY	ASTM A351 Gr. CF8M
2	BODY SEAL	PTFE
3	END CAP	ASTM A351 Gr. CF8M
4	SEAT	RTFE.(+15% G/F)
5	BALL	SS316
6	THRUST WASHER	PTFE
7	STEM	SS 316
8	STEM PACKING	PTFE
9	GLAND WASHER	PTFE.
10	GLAND BEARING	PTFE.
11	GLAND	SS 304
12	SNAP RING	SS 304
13	HANDLE	FCD45
14	BOLT	SS 304
15	STOP PLATE	SS 304
16	STUD	ASTM A193 Gr. B8
17	NUT	ASTM A194 Gr. 8

REV	DATE	DESCRIPTION	CODE	REVISER	REMARKS
					1/2"~6" ANSI 150 Flanged Ball Valve

MATERIAL	APPROVE		CHECK		REV: F
	SCALE	FREE	UNIT	mm	DRAWN BY: Peggy
	PART NO	AF-50			DATE: 2005.09.22
OTHER	DWG NO	AF-50	TITLE		Q'TY:
					2-PC FLANGED END BALL VALVE

AFlow Anson Anson Flow Corp.