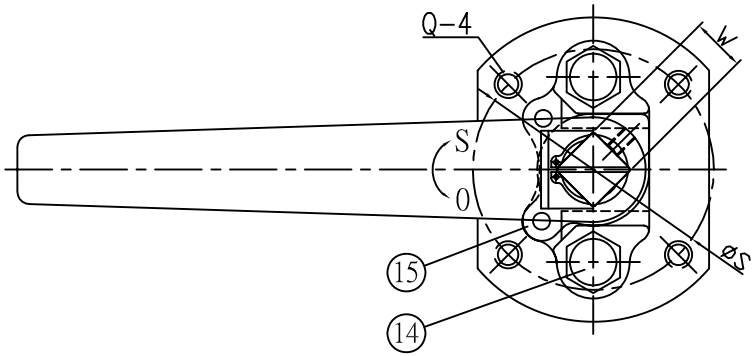
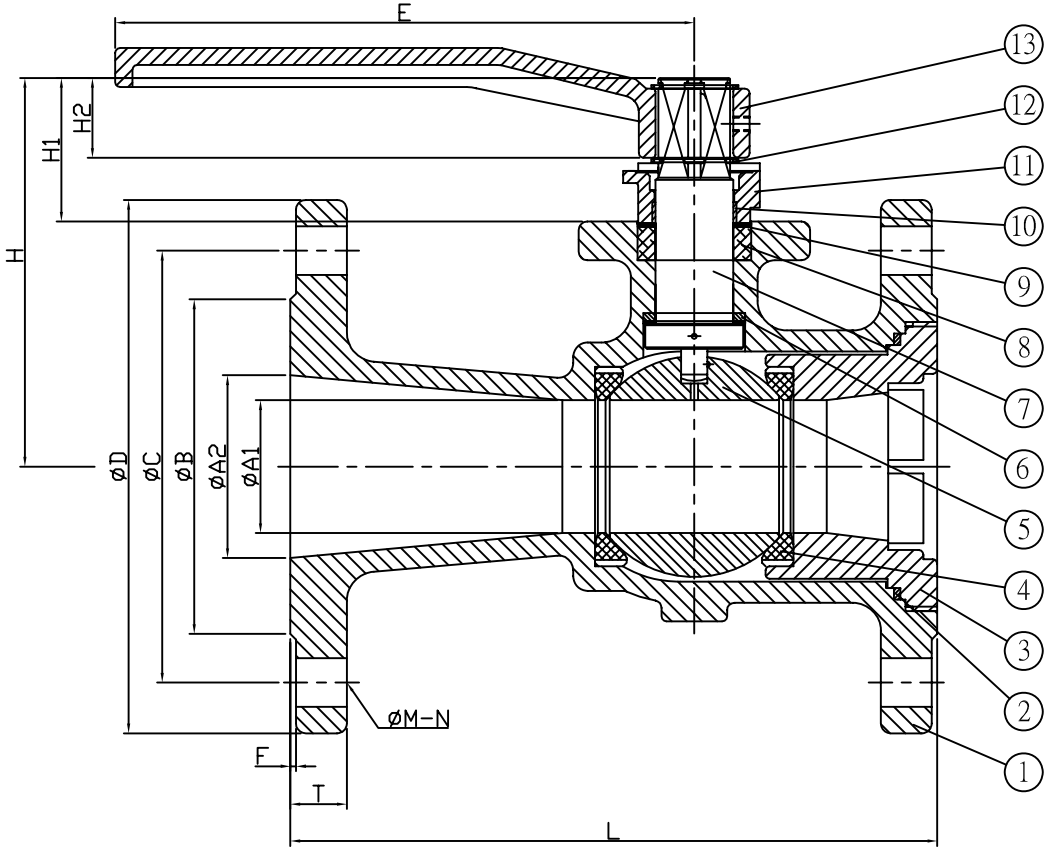


DIMENSIONS

Unit : Inch

Valve Size	A1	A2	B	C	D	E	F	H	H1	H2	L	W	S	T	Q	⌀M-N
1/2"	0.492	0.591	1.380	2.380	3.500	5.118	0.060	1.772	0.689	0.335	4.252	0.354	1.417	0.440	1/4"-20	⌀0.620-4
3/4"	0.630	0.787	1.690	2.750	3.880	5.118	0.060	1.858	0.689	0.335	4.606	0.354	1.417	0.440	1/4"-20	⌀0.620-4
1"	0.787	0.984	2.000	3.120	4.250	5.148	0.060	3.170	0.886	0.492	5.000	0.433	1.969	0.440	1/4"-20	⌀0.620-4
1-1/2"	1.260	1.532	2.880	3.880	5.000	6.496	0.060	3.402	1.150	0.610	6.496	0.551	1.969	0.560	1/4"-20	⌀0.620-4
2"	1.496	1.811	3.620	4.750	6.000	7.953	0.060	4.591	1.512	0.846	7.008	0.669	2.756	0.620	5/16"-18	⌀0.750-4
2-1/2"	2.008	2.598	4.120	5.500	7.000	7.953	0.060	5.473	1.512	0.846	7.480	0.669	2.756	0.690	5/16"-18	⌀0.750-4
3"	2.283	2.992	5.000	6.000	7.500	12.933	0.060	6.669	2.299	1.240	7.992	0.866	4.016	0.750	3/8"-16	⌀0.750-4
4"	3.150	3.740	6.190	7.500	9.000	12.933	0.060	7.610	2.370	1.303	9.016	0.866	4.016	0.940	3/8"-16	⌀0.750-8
6"	4.488	5.906	8.500	9.500	11.000	29.626	0.060	10.079	2.949	1.791	10.512	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	GRAPHITE
3	END CAP	ASTM A351 Gr. CF8M
4	SEAT	RTFE.(+15% G/F)
5	BALL	ASTM A351 Gr. CF8M
6	THRUST WASHER	PTFE.+GRAPHITE
7	STEM	SS 316
8	STEM PACKING	GRAPHITE
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

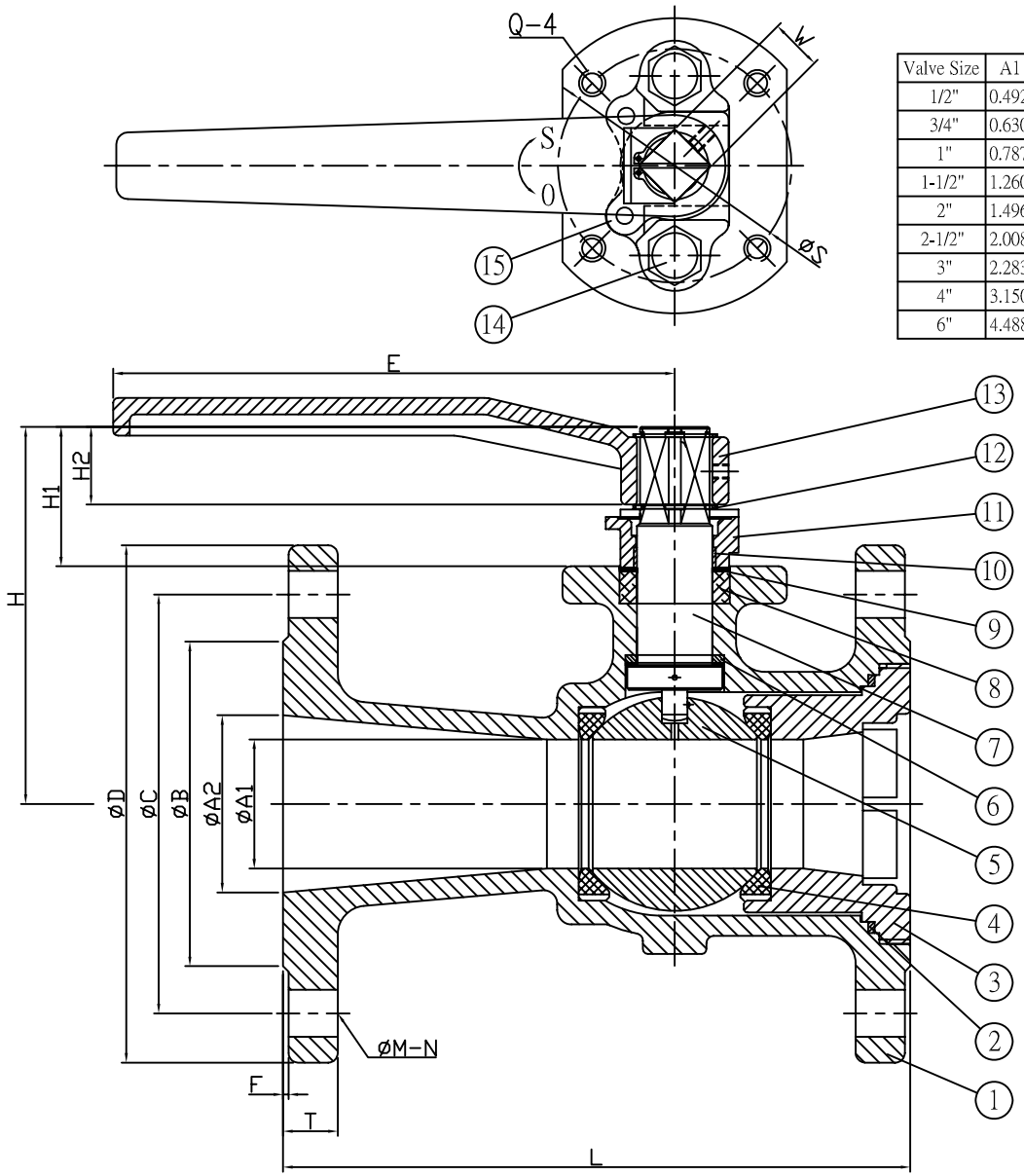
REV	DATE	DESCRIPTION	CODE	REVISER	REMARKS
					1/2"~6"
					ANSI 150
					FIRESAFE
					API 607

MATERIAL

OTHER

APPROVE		CHECK		REV	F
SCALE	FREE	UNIT	mm	DRAWN BY	Peggy
PART NO	AF-58F-150			DATE	2004.06.29
DWG NO	AF-58F-150	TITLE	1-PC FLANGED END BALL VALVE	Q'TY	

Anson Flow Corp.



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4"	3.150	3.740	6.190	7.880	10.000	12.933	0.060	7.610	2.370	1.303	12.008	0.866	4.016	1.250	3/8"-16	⌀0.880-8
6"	4.488	5.906	8.500	10.620	12.500	29.626	0.060	10.079	2.949	1.791	15.866	1.063	4.921	1.440	1/2"-13	⌀0.880-12

MATERIALS

NO.	PART NAME	MATERIAL
1	BODY	ASTM A351 Gr. CF8M
2	BODY SEAL	GRAPHITE
3	END CAP	ASTM A351 Gr. CF8M
4	SEAT	RTFE.(+15% G/F)
5	BALL	ASTM A351 Gr. CF8M
6	THRUST WASHER	PTFE.+GRAPHITE
7	STEM	SS 316
8	STEM PACKING	GRAPHITE
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

REV	DATE	DESCRIPTION	CODE	REVISER	REMARKS
					1/2"~6" ANSI 300 FIRESAFE API 607

MATERIAL

OTHER

APPROVE		CHECK		REV	F
SCALE	FREE	UNIT	mm	DRAWN BY	Peggy
PART NO	AF-58F-300			DATE	2006.08.02
DWG NO	AF-58F-300	TITLE		Q'TY	
				1-PC FLANGED END BALL VALVE	

Anson Flow Corp.