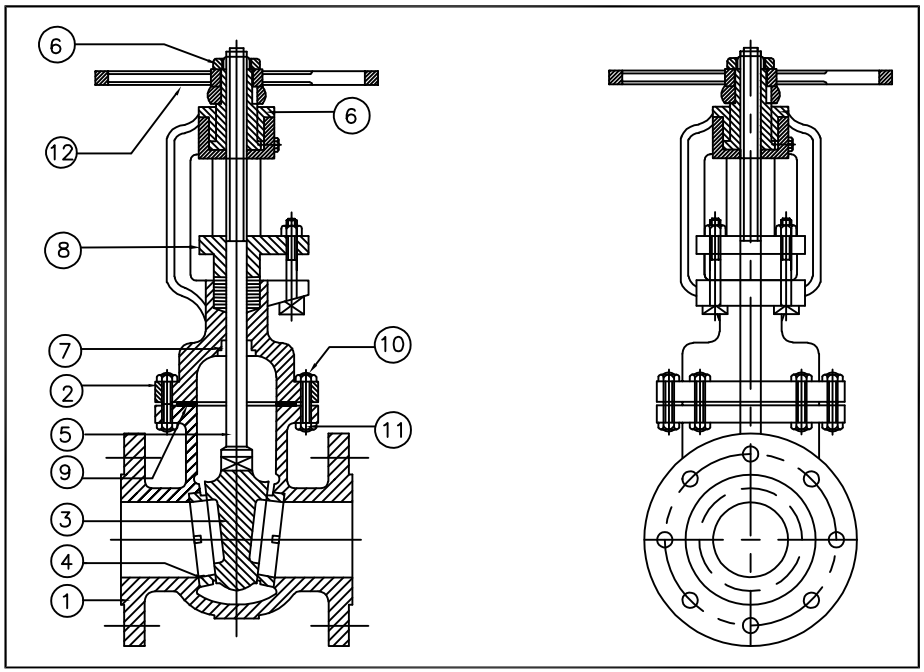
* AEW GATE VALVE ASA CLASS 150 *

PART NO	PART LIST	MATERIALS OF CONSTRUCTION.		
		WCB	**CF8**	**CF8M**
1	BODY	WCB	CF8	CF8M
2	BONNET	WCB	CF8	CF8M
3	WEDGE	CA 15/WCB+13% Cr	CF8	CF8M
4	SEAT	CA15/integral+13% Cr	integral	integral
5	STEM	AISI410	AISI304	AISI316
6	STEM NUT	S G Iron	AISI304	AISI316
7	BACKSEAT	AISI410	integral	integral
8	GLAND	WCB	CF8	CF8M
9	PACKINGS	Grafoil	P.T.F.E.	P.T.F.E.
10	BOLTS	A 193–B7	B8	A 194–8M
11	NUTS	A 194–2H	A 194–8	A 194–8M
12	HANDWHEEL	C.I.	C.I.	C.I.



Valvesize	FLANGE tO FLANGE	FLANGE DIA.	FLANGE THIC.	P.C.D.	RAISED FACE DIA	RAISED FACE THIC	NO. OF. HOLE	HOLE DIA.	HANDLE DIA.	APPROX WEIGHT(KG)	VALVE CENTER TO LOCKNUT TOP
25	127	110	9.6	79.4	50.8	2	4	15.87	155	6.4	220
40	165.1	125	12.7	98.4	73	2	4	15.87	155	12	280
50	177.8	150	14.3	120.7	92.1	2	4	19.05	176	15.7	310
65	190.5	180	15.9	139.7	104.8	2	4	19.05	205	26.5	362
80	203.2	190	17.5	152.4	127	2	4	19.05	221	29	385
100	228.6	230	22.3	190.5	157.2	2	8	19.05	254	43.3	476
125	254	255	22.3	215.9	185.7	2	8	22.22	255	52.2	508
150	266.7	280	23.9	241.3	215.9	2	8	22.22	335	68.1	595
200	292.1	345	27	298.5	269.9	2	8	22.22	335	110.8	737
250	330.2	405	28.6	362	323.8	2	12	25.4	457	190.5	965
300	355.6	485	30.2	431.8	381	2	12	25.4	410	230	1070
350	381	535	33.4	476.3	412.8	2	12	28.57	475	285	1125
400	406.4	595	35	539.8	469.9	2	16	28.57	475	390	1280
450	431.8	635	38.1	577.9	533.4	2	16	31.75	GO	550	1420
500	457.2	700	41.3	635	584.2	2	20	31.75	GO	650	1550
600	508	815	46.1	749.3	692.2	2	20	34.92	GO	880	1930

NOTE :

1) VALVE DESIGN CODE API 600
2) VALVE TESTING AS PER API 598
3) FACE TO FACE AS PER ANSI B 16 10
4) END FLANGE DETAIL AS PER ANSI B 16 5
5) Weight mentioned are indicative and for the purpose of transport / handling
6) ALL DIMENSIONS ARE IN MM UNLESS OTHERWISE SPECIFIED

HYDROSTATIC TEST PRESSURES IN PSI		
BODY	SEAT	SEAT AIR
425	300	100

TITLE	GATE VALVE CLASS–150					
DRG. NO.	AEW/GTV/150/25–600				SHEET 1 OF 1	
AEW	DATE	MADE	CHKD.	APRD.	DESCRIPTION	REV.
					FOR APPROVAL	0
	AEW VALVES PVT. LTD. AHMEDABAD					