

# AVA

## A33 wafer Eccentric butterfly valves

Valve Size: 2 -12 inches (50-300mm)

Pressure Ratings: 25 bar

Mounting Pattern: ISO5211



# DIMENSIONS

## A33 wafer DIMENSIONS

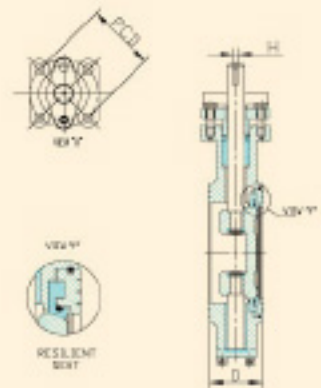
Size		A	B	C	D	E-Holes Dia.		F	G	H	J-PCD		Top Mounting Flange		
ins	mm					NP 25	NP 26				NP 25	NP 16	PCD	No Holes	Holes Dia.
2	50	78	100	130	43	18	18	30	12	3	125	125	50	4	7
2.5	65	86	116	143	46	18	18	30	16	4	145	145	70	4	10
3	80	99	129	155	49	18	18	30	16	4	160	160	70	4	10
4	100	116	152	170	56	22	18	30	18	5	190	180	70	4	10
5	125	132	180	190	64	26	18	30	22	5	220	210	102	4	12
6	150	146	206	210	70	26	22	30	22	5	250	240	102	4	12
8	200	172	258	243	71	26	22	39	28	6	310	295	102	4	12
10	250	204	308	282	76	30	26	39	32	8	370	355	125	4	14
12	300	241	360	310	83	30	26	39	36	10	430	410	125	4	14

## Materials Selection

BODY: Ductile Iron  
Cast Steel  
304 Stainless Steel

DISC: Ductile Iron  
Cast Steel  
304 Stainless Steel

STEM: 416 Stainless Steel  
SEAT: PTFE



### A33 Seating/Unseating Torques at 25bar

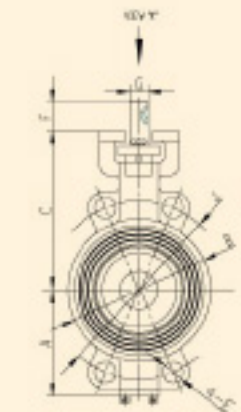
Valve Size	Torques	
ins	mm	Nm
2	50	22
2 1/2	65	36
3	80	58
4	100	80
5	125	120
6	150	192
8	200	298
10	250	450
12	300	612

### A33 Cv VALUES (Fully Open)

Valve Size	Disc Position	
ins	mm	90°
2	50	130
2 1/2	65	180
3	80	240
4	100	420
5	125	830
6	150	1380
8	200	2900
10	250	4400
12	300	6750

### A33 Weights-kg

Valve Size	Weights (Kg)		
ins	mm	DI Body	CS Body
2	50	2.2	2.7
2 1/2	65	3.6	4
3	80	3.8	4.4
4	100	5.7	6.2
5	125	10.8	9.7
6	150	12.2	15.6
8	200	14.8	19
10	250	21.5	26
12	300	25.8	32



The data presented in this bulletin is for general use only.

Consult AVA Controls representatives or factory for the specific performance data and material selection for your particular applications.



**AVA CONTROLS INC.**

www.avacontrols.com

© 2006 AVA Controls INC. All rights reserved.

DISTRIBUTOR