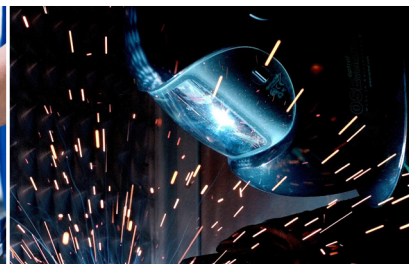
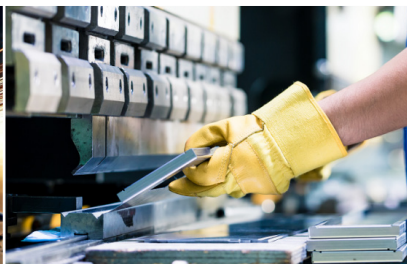
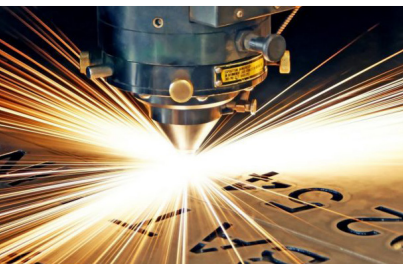




2400 SERIES ROUND BUTTERFLY DAMPER

2400 SERIES DUCTWORK DRILLED - HEAVY DUTY | Rev. 03/04/20

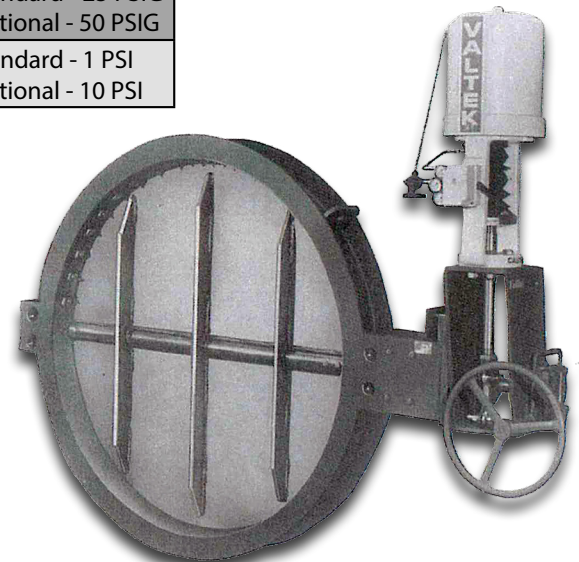
Elite Industrial Controls is an American manufacturer of Industrial Control Valves and Dampers. We offer solutions to Industrial Automation and thermal management solutions serving customers around the world in various industries and across several technological platforms. We are committed to providing customers with service of the highest possible level of quality.



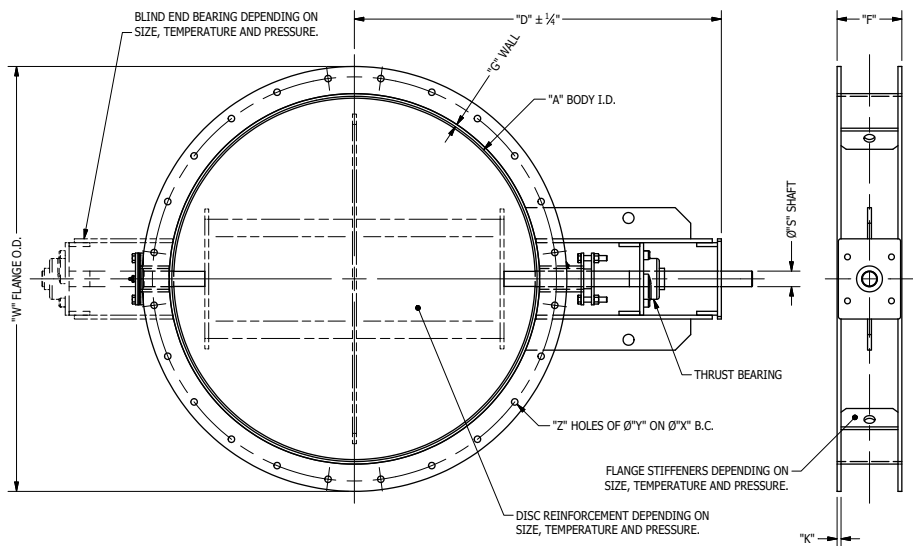
The 2400 series consists of a fabricated carbon steel body furnished with flanges drilled for bolting to rolled angle companion flanges or with no drilling for thru bolting between 125/150 ANSI flanges (wafer) design, fabricated carbon steel disc, 304 stainless stub end shafts, graphitar lantern gland, lubricated stuffing boxes with alemite purge fittings, conventional swing thru seat design.

Construction and Material	
Body, Disc & Flange	Standard - Carbon Steel Optional - Corten, Alum., SS (All 300 Series), Carpenter 20, Titanium & Tantalum, FRP Ctd. Stl. (All wetted pts.), Refractory lined
Shaft	Standard - 304 SS Optional - Stainless (All 300 Series), Aluminum & Aluminum -Br, Carpenter 20, Titanium & Tantalum, Plastic coated
Bushings	Standard - Carbon (3000°F) Optional - Gr. -Br., 17-4 Ph, Stellite, TFE glass filled & Rulon
Bearings	Standard - 72" & above, Optional - Ball & roller (all sizes)
Packing Follower	Standard - 304 SS Optional - Same alloys as body
Lantern Gland	Standard - Carbon Optional - Same alloys as body

Operating Conditions	
Max. Temp.	Standard - 750°F Optional - 2300°F
Max. Static Pressure	Standard - 25 PSIG Optional - 50 PSIG
Max. Pressure Drop	Standard - 1 PSI Optional - 10 PSI



MODEL 2400 SERIES BUTTERFLY CONTROL VALVE

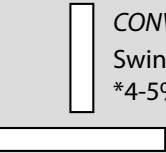


**Larger sizes available on request.*

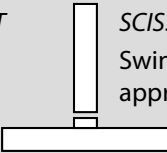
Nom. Size	Valve Dimensions (In Inches)							Bolting (In Inches)			Est. Weight (In lbs)
	A	D	F	G	K	S	W	X	Y	Z	
4	3.75	13.75	6.25	0.125	0.25	1	6.625	5.5	0.5	4	45
5	4.75	13.75	6.25	0.125	0.25	1	7.5	6.625	0.5	8	50
6	5.75	15.375	6.25	0.125	0.25	1	8.5	7.375	0.5	8	55
8	7.75	16.875	6.25	0.125	0.25	1	10.75	9.625	0.5	8	65
10	9.625	18.375	6.25	0.188	0.375	1	13.125	12	0.5	8	70
12	12	19.875	6.25	0.188	0.375	1	15.875	14.375	0.5	12	75
14	13.5	20.75	6.25	0.188	0.375	1	17.5	16	0.5	12	80
16	16	22.125	6.25	0.188	0.375	1	20	18.5	0.5	12	85
18	17.375	22.875	6.25	0.188	0.375	1	21.375	19.875	0.5	12	90
20	19.625	24.125	6.25	0.188	0.375	1.25	23.625	22.125	0.5	16	100
22	21.75	25.25	6.25	0.188	0.375	1.25	25.75	24.25	0.5	16	110
24	24	26.5	6.25	0.25	0.375	1.25	28	26.5	0.5	16	140
26	26	27.625	6.25	0.25	0.375	1.25	30	28.25	0.5	16	150
28	27.5	28.375	6.25	0.25	0.375	1.25	32.5	31	0.5	20	175
30	29.5	29.5	6.25	0.25	0.375	1.5	34.5	33	0.625	20	190
32	31.75	30.625	6.25	0.25	0.375	1.5	36.75	35	0.625	20	245
34	33.75	31.625	6.25	0.25	0.375	1.5	38.75	37	0.625	20	260
36	36	32.75	6.25	0.25	0.375	1.5	41	39	0.625	24	280
38	38.5	34	6.25	0.25	0.375	1.5	43.5	41	0.625	24	300
40	39.5	34.75	6.25	0.375	0.375	1.5	45.5	43	0.625	28	365
42	41.75	35.875	6.25	0.375	0.375	1.5	47.75	45	0.625	28	475
44	44	37	6.25	0.375	0.375	1.75	50	47	0.75	32	515
46	46	38	6.25	0.375	0.375	1.75	52	49	0.75	32	550
48	48.25	39.125	6.25	0.375	0.375	1.75	54.25	51.5	0.75	36	585

VALVE SEAT OPTIONS

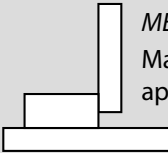
**Leakage based on damper capacity*



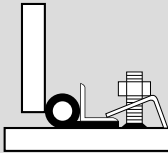
CONVENTIONAL SEAT
Swing-thru design,
*4-5% leakage



SCISSOR SEAT
Swing-thru design,
approx. *1-2% leakage



METAL SEAT
Materials same as body -
approx. *1% leakage



TADPOLE SEAT
Material furnished
varies with service.
Temp. to 1800°F,
approx. *1/4 of 1%
leakage