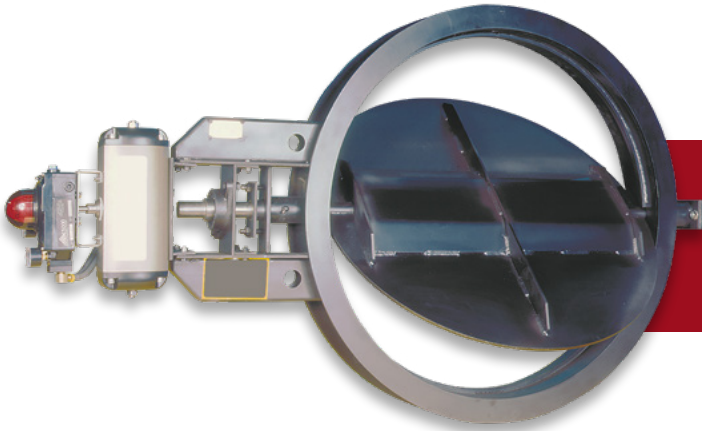




2200 SERIES ROUND BUTTERFLY DAMPER

2200 SERIES ANSI FABRICATED WAFER | Rev. 02/25/21

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.



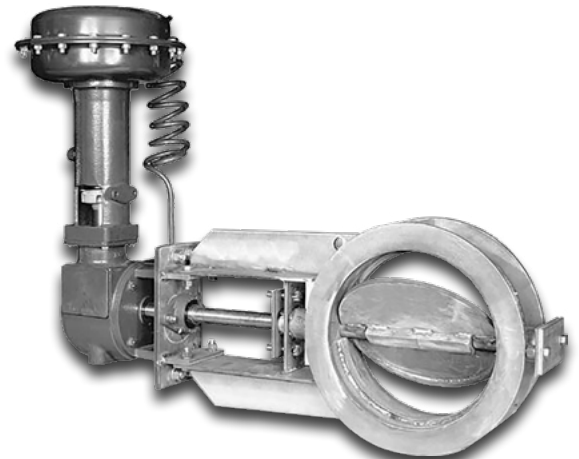
The 2200 series fabricated wafer damper is constructed to fit between 125/150# ANSI flanges with sizes up to 72". Locating holes are provided to center damper in the pipeline. Flange stiffeners are provided depending on damper size & service conditions. Flange faces are standard mil finish. Machined/ serrated flanges can be provided as an option. Materials of construction are identical to the 2400 series. Damper can be supplied in all weldable materials.

Construction and Material

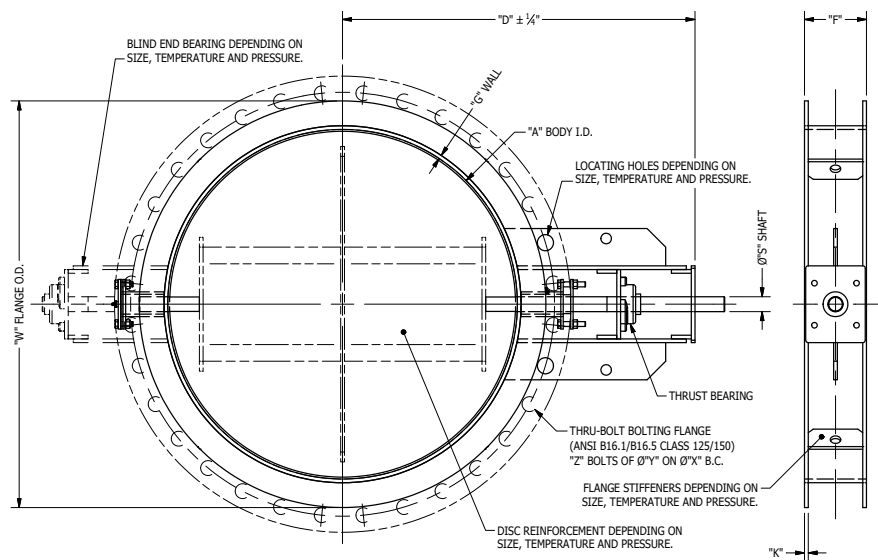
Body, Disc & Flange	Standard - Carbon Steel Optional - 304 SS 4" to 10" - SCH-40 Wall Thickness
Drilling	Ductwork
Shaft	Standard - 304 SS (Stub) Optional - Through Shaft
Bushings	Carbon/Graphite
Packing Follower	Standard - 304 SS
Stuffing Box Housing	Standard - Carbon Steel Optional - 304 SS
Bearing	Power - Std. Blind - Optional, Standard on sizes 72" and larger

Operating Conditions

Max. Temp.	Carbon Steel - 2100°F 304 SS - 2600°F
Max. Static Pressure	50 PSIG



MODEL 2200 SERIES BUTTERFLY CONTROL VALVE

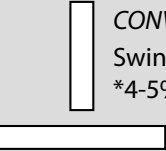


*Larger sizes available on request.

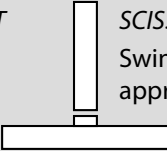
Nom. Size	Valve Dimensions (In Inches)							Bolting (In Inches)			Est. Weight (In lbs)
	A	D	F	G	K	S	W	X	Y	Z	
4	4	14.75	6.25	0.25	0.375	0.75	6.625	7.5	0.625	8	45
5	5.0625	14.75	6.25	0.25	0.375	0.75	7.5	8.5	0.75	8	50
6	6.0625	14.75	6.25	0.25	0.375	0.75	8.5	9.5	0.75	8	55
8	8	17.125	6.25	0.3125	0.375	1	10.75	11.75	0.75	8	65
10	10	18.875	6.25	0.375	0.375	1	13.25	14.25	0.75	12	70
12	12	20.125	6.25	0.375	0.375	1	15.875	17	0.875	12	75
14	13.5	21	6.25	0.375	0.375	1	17.625	18.75	0.875	12	80
16	15.5	22.125	6.25	0.375	0.375	1	20	21.25	1	16	85
18	17.5	23.125	6.25	0.375	0.375	1	21.5	22.75	1	16	90
20	19.5	24.25	6.25	0.375	0.375	1.25	23.625	25	1.125	20	100
22	21.5	25.25	6.25	0.375	0.375	1.25	25.875	27.25	1.125	20	110
24	23.25	26.25	6.25	0.375	0.375	1.25	28	29.5	1.25	20	140
26	25.25	27.375	6.25	0.375	0.375	1.25	30.25	31.75	1.25	24	150
28	27.25	28.375	6.25	0.375	0.375	1.25	32.5	34	1.25	28	175
30	29.25	29.5	6.25	0.375	0.375	1.5	34.5	36	1.25	28	190
32	31.25	30.5	6.25	0.375	0.375	1.5	36.75	38.5	1.5	28	245
34	33.25	31.5	6.25	0.375	0.375	1.5	38.5	40.25	1.5	32	260
36	35.25	32.5	6.25	0.375	0.375	1.5	41	42.75	1.5	32	280
38	37.25	33.625	6.5	0.5	0.375	1.5	43.5	45.25	1.5	32	300
40	39.25	34.75	6.5	0.5	0.375	1.5	45.5	47.25	1.5	36	365
42	41.25	35.75	6.5	0.5	0.375	1.5	47.75	49.5	1.5	36	475
44	43.25	36.75	6.5	0.5	0.5	1.75	50	51.75	1.5	40	515
46	45.25	37.75	6.5	0.5	0.5	1.75	51.75	53.5	1.5	40	550
48	47.25	38.75	6.5	0.5	0.5	1.75	54.25	56	1.5	44	585

VALVE SEAT OPTIONS

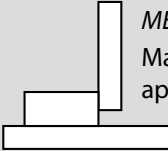
*Leakage based on damper capacity



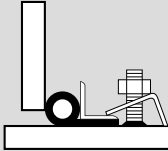
CONVENTIONAL SEAT
Swing-thru design,
*4-5% leakage



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