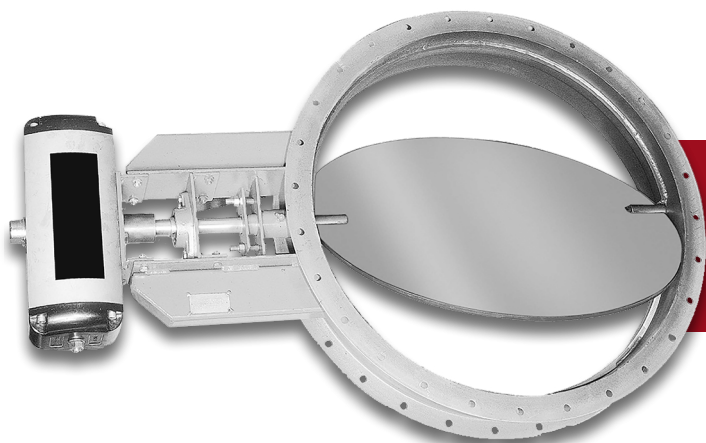




2100 SERIES ROUND BUTTERFLY DAMPER

2100 SERIES DUCTWORK DRILLED - MEDIUM 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 standard valve design is to bolt into either existing or new lines with a standard "Ductwork Drill" flanges. If new construction, companion flanges can be provided. Standard face to face dimension is 6" but custom face to face dimensions can be provided. Light enough to fit in almost any application but strong enough to outlast the competition. Mainly supplied to the HVAC industry our medium duty line will be the last valve you will have to install. Our 2100 series is the standard for your application.

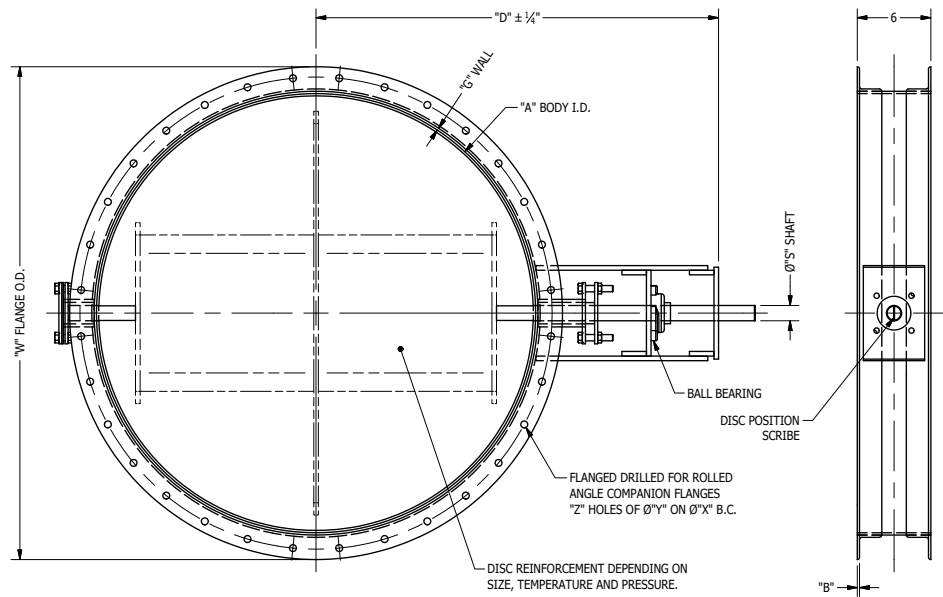
Construction and Material

Body, Disc & Flange	Standard - Carbon Steel Optional - 304 SS
Drilling	Ductwork
Shaft	Standard - 304 SS
Bushings	Carbon/Graphite
Packing Follower	Standard - 304 SS
Stuffing Box Housing	Standard - Carbon Steel Optional - 304 SS

Operating Conditions

Max. Temp.	Carbon Steel - 750°F 304 SS - 1000°F
Max. Static Pressure	20 PSIG. at Ambient
Max. Pressure Drop	1 PSI. Std.

MODEL 2100 SERIES BUTTERFLY CONTROL VALVE

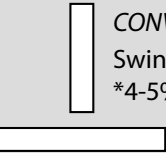


**Larger sizes available on request.*

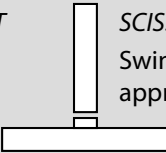
Nom. Size	Valve Dimensions (In Inches)						Bolting (In Inches)			Est. Weight (In lbs)
	A	B	D	G	S	W	X	Y	Z	
4	3.75	0.125	14.5	0.125	0.75	6	5.25	0.312	4	25
6	5.75	0.125	15.625	0.125	1	8.5	7.5	0.375	8	32
8	7.75	0.125	17	0.125	1	10.5	9.5	0.375	8	41
10	9.75	0.125	18.5	0.125	1	12.5	11.562	0.375	8	47
12	11.75	0.125	19.75	0.125	1	15	13.812	0.438	12	54
14	13.812	0.188	21.125	0.188	1	17.188	15.812	0.438	12	67
16	15.812	0.188	22.25	0.188	1	19.688	18.125	0.438	16	81
18	17.812	0.188	23.375	0.188	1	21.688	20.125	0.438	16	89
20	19.812	0.188	24.375	0.188	1.25	23.688	22.125	0.438	20	107
22	21.812	0.188	25.5	0.188	1.25	25.688	224.125	0.562	20	119
24	23.812	0.188	26.5	0.188	1.25	27.688	26.125	0.562	20	154
26	25.812	0.188	27.625	0.188	1.25	30.188	28.5	0.562	24	181
28	27.812	0.188	28.75	0.188	1.25	32.188	30.5	0.562	24	197
30	29.812	0.188	29.75	0.188	1.25	34.188	32.5	0.562	28	219
32	31.812	0.188	30.75	0.188	1.25	36.188	34.5	0.562	28	235
34	33.812	0.188	31.75	0.188	1.25	38.188	36.5	0.562	32	256
36	35.812	0.188	32.875	0.188	1.25	40.188	38.5	0.562	32	293
38	37.812	0.188	33.875	0.188	1.5	42.188	40.5	0.562	36	308
40	39.812	0.188	34.875	0.188	1.5	44.188	42.5	0.562	36	335
42	41.812	0.188	35.875	0.188	1.5	46.188	44.5	0.562	40	356
44	43.812	0.188	36.875	0.188	1.5	48.188	46.5	0.562	40	379
46	45.812	0.188	37.875	0.188	1.5	50.188	48.5	0.562	44	402
48	47.812	0.188	38.875	0.188	1.5	52.188	50.5	0.562	44	434

VALVE SEAT OPTIONS

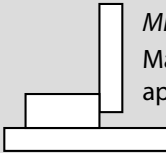
**Leakage based on damper capacity*



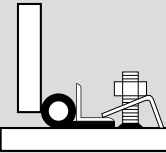
CONVENTIONAL SEAT
Swing-thru design,
*4-5% leakage



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