



SPECIFICATIONS

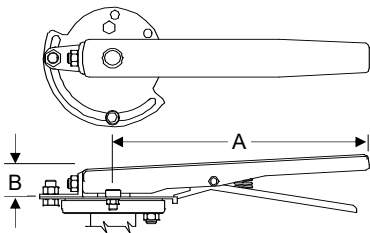
PSI/Temp Rating:	2-1/2" - 12": 200PSI/275°F 14" - 20": 150PSI/275°F
Body:	Ductile Iron
Disc:	Aluminum Bronze (Optional Stainless Steel Disc)
Shaft:	316/416 Stainless Steel
Bushing:	PTFE
Seat:	EPDM Standard
Key:	Carbon Steel
O-Ring:	NBR
Plate:	2-1/2" – 6": Infinite Adjustable ¹
Service:	Bi-directional or Dead End
Standard:	MSS-SP-67
Options:	Stainless Steel Plate to convert valve to outdoor use ²

DIMENSIONS & WEIGHTS (NOMINAL)

All dimensions are for planning purposes only and may change without notice.

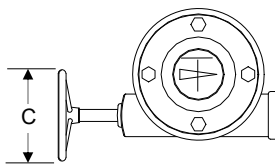
DIM	SIZE											
	2-1/2"	3"	4"	5"	6"	8"	10"	12"	14"	16"	18"	20"
A	6.9	7.1	7.9	8.4	8.9	10.3	11.5	13.3	14.5	15.8	16.6	18.9
B	5.5	6.0	7.5	8.5	9.5	11.8	14.3	17.0	18.8	21.3	22.8	25.0
C³	1.8	1.8	2.1	2.2	2.2	2.4	2.7	3.1	3.1	4.0	4.5	5.0
D	1.3	1.3	1.3	1.3	1.3	1.8	1.8	1.8	1.8	2.0	2.0	2.5
L	5.5	6.0	7.5	8.5	9.5	11.8	14.3	17.0	18.8	21.3	22.8	25.0
M	4	4	8	8	8	8	12	12	12	16	16	20
Weight	10	16	28	30	33	72	95	128	178	255	290	494

Infinite Adjustable Lever Handle

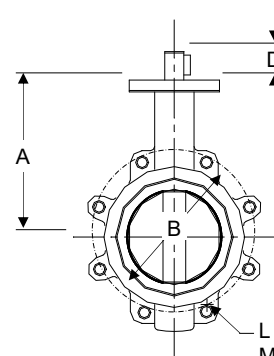
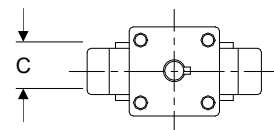


Size	Bore for Shaft	A	B
2-1/2"-3"	0.50	10.5	1.06
4"	0.63	10.5	1.06
5"-6"	0.75	10.5	1.06

Gear Operator



Size	C
8"-18"	11.8
20"	15.8



L hole diameter
M # of holes

NOTES:

- ¹ Infinite Adjustable Plate not available on "MADE IN USA" butterfly valves or valves with Stainless Steel Disc
- ² Stainless Steel Plate for outdoor use compatible with Infinite Adjustable valves.
- ³ C dimension does not include seat.

Cv VALUES - VALVE SIZING COEFFICIENTS

SIZE	Cv
2-1/2"	196
3"	302
4"	600
5"	1022
6"	1320
8"	2165
10"	3353
12"	5827
14"	7037
16"	10416
18"	12215
20"	15959

MODEL NUMBERS

HANDLE TYPE	INFINITE ADJUSTABLE HANDLE - BRONZE DISC	STANDARD HANDLE - STAINLESS STEEL DISC	GEAR/ HAND WHEEL – BRONZE DISC	GEAR/ HAND WHEEL – STAINLESS STEEL DISC	
SIZE	2-1/2"	8278-28 ⁴ / 8278-108 ⁵	8278-58	N/A	
	3"	8278-29 ⁴ / 8278-109 ⁵	8278-59	N/A	
	4"	8278-30 ⁴ / 8278-104 ⁵	8278-60	N/A	
	5"	8278-31 ⁴ / 8278-119 ⁵	8278-61	N/A	
	6"	8278-32 ⁴ / 8278-105 ⁵	8278-62	N/A	
	8"	N/A	N/A	8278-55 ⁴	8278-63
	10"	N/A	N/A	8278-07	8278-127
	12"	N/A	N/A	8278-08	8278-129
	14"	N/A	N/A	8278-09	8278-128
	16"	N/A	N/A	8278-56	N/A
	18"	N/A	N/A	8278-57	N/A
	20"	N/A	N/A	8278-125	N/A

For outdoor use please order Stainless Steel plate as separate line item. Plate to be installed in the field on Infinite Adjustable Butterfly Option.⁶

- 2-1/2" - 3": MNP5080Q (Compatible with 8278-28, 8278-29)
- 4": MNP100Q (Compatible with 8278-30)
- 5" - 6": MNP100150Q (Compatible with 8278-31, 8278-32)

NOTES:

⁴ Valve meets Buy American Act.

⁵ 8278-104 thru 8278-119 are special order valves that meet MADE IN USA requirements. Handle is not infinite adjustable.

⁶ Stainless Steel plate is not compatible with MADE IN USA valves or valves with Stainless Steel Disc.