SPECIFICATIONS

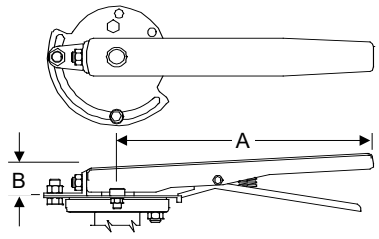
PSI/Temp Rating:	2-1/2" - 12": 200PSI/248°F 14" - 20": 150PSI/248°F
Body:	Ductile Iron
Disc:	304 Stainless Steel[1]
Shaft:	316/416 Stainless Steel
Bushing:	PTFE
Seat:	EPDM Standard
Key:	Carbon Steel
O-Ring:	NBR
Plate:	2-1/2" – 6": Infinite Adjustable 8"-20": Gear Wheel
Service:	Bi-directional or Dead End
Standard:	MSS-SP-67
Flange Bolt Pattern:	ASME B16.1 Class 125
Top Flange Bolt Pattern:	ISO 5211
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.

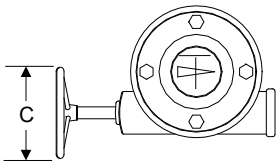
DIM	SIZE											
	2-1/2"	3"	4"	5"	6"	8"	10"	12"	14"	16"	18"	20"
A	6.9	7.1	7.9	8.4	8.9	10.3	11.5	13.3	14.5	15.8	16.6	18.9
B	5.5	6.0	7.5	8.5	9.5	11.8	14.3	17.0	18.8	21.3	22.8	25.0
C[3]	1.8	1.8	2.1	2.2	2.2	2.4	2.7	3.1	3.1	4.0	4.5	5.0
D	1.3	1.3	1.3	1.3	1.3	1.8	1.8	1.8	1.8	2.0	2.0	2.5
L	5.5	6.0	7.5	8.5	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

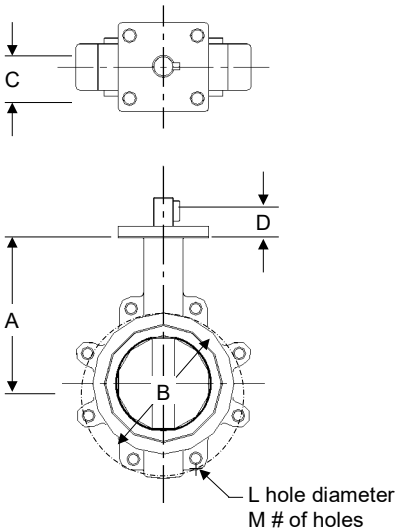


Size	Bore for Shaft	A	B
2-1/2"–3"	0.50	10.5	1.06
4"	0.63	10.5	1.06
5"–6"	0.75	10.5	1.06

Gear Operator



Size	C
8"-18"	11.8
20"	15.8



NOTES:

[1] 5" and 18" Butterfly have an Aluminum Bronze disc. All other sizes have 304 SS disc.

[2] Stainless Steel Plate for outdoor use compatible with Infinite Adjustable valves.

[3] C dimension does not include seat.

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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	GEAR/ HAND WHEEL
SIZE	2-1/2"	8278-28	N/A
	3"	8278-29	N/A
	4"	8278-30	N/A
	5"	8278-31	N/A
	6"	8278-32	N/A
	8"	N/A	8278-55
	10"	N/A	8278-07
	12"	N/A	8278-08
	14"	N/A	8278-09
	16"	N/A	8278-56
	18"	N/A	8278-57
	20"	N/A	8278-125

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

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)

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