

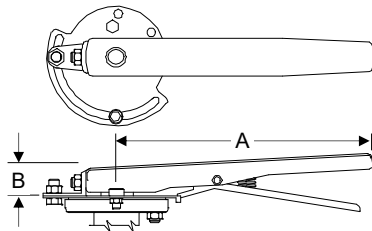
SPECIFICATIONS:

PSI/Temp Rating:	2-1/2" - 12": 200PSI/275°F 14" - 20": 150PSI/275°F
Body:	Ductile Iron
Disc:	Aluminum Bronze
Shaft:	416 Stainless Steel
Bushing:	PTFE
Seat:	EPDM Standard
Key:	Carbon Steel
O-Ring:	NBR
Assembly:	Valve comes fully assembled
Service:	Bi-directional or Dead End

DIMENSIONS & WEIGHTS (NOMINAL)¹

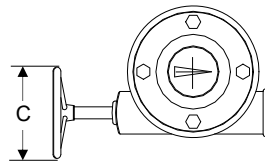
DIM	SIZE											
	2-1/2"	3"	4"	5"	6"	8"	10"	12"	14"	16"	18"	20"
A	6.9	7.1	7.9	8.4	8.9	10.3	11.5	13.3	14.5	15.8	16.6	18.9
B	5.5	6.0	7.5	8.5	9.5	11.8	14.3	17.0	18.8	21.3	22.8	25.0
C²	1.8	1.8	2.1	2.2	2.2	2.4	2.7	3.1	3.1	4.0	4.5	5.0
D	1.3	1.3	1.3	1.3	1.3	1.8	1.8	1.8	1.8	2.0	2.0	2.5
L	5.5	6.0	7.5	8.5	9.5	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

Throttling/Infinitely Adjustable Handle



Size	Bore for Shaft	A	B
2-1/2"-3"	0.50	10.50	1.06
4"	0.63	10.50	1.06
5"-6"	0.75	10.50	1.06

Gear Operator



Size	C
8"-18"	11.8
20"	15.8

NOTES:

¹ Weights and dimensions can vary; please contact factory for exact information.

² C dimension does not include seat.

Replaces form F-4303A

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**Cv VALUES –
VALVE SIZING COEFFICIENTS**

MODEL NUMBERS

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

MATERIAL		CAST IRON	
HANDLE TYPE		INFINITE ADJUSTMENT W/LOCK	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



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