

Selas Balanced Zero Regulator BZR-300

Description

BZR-300 Series Balanced Zero Regulators are used for precise control of heated gases or for equipment locations subjected to high ambient temperatures. They are designed for continuous operation up to 300°F and to resist corrosion from high sulphur or other corrosive gases. The special high temperature construction does not sacrifice performance.

The BZR-300 series regulators duplicate the precise control characteristics of the standard BZR Regulators. They automatically adjust valve position to hold a desired precise outlet pressure. Slight variations in inlet pressure do not affect the performance.

Features

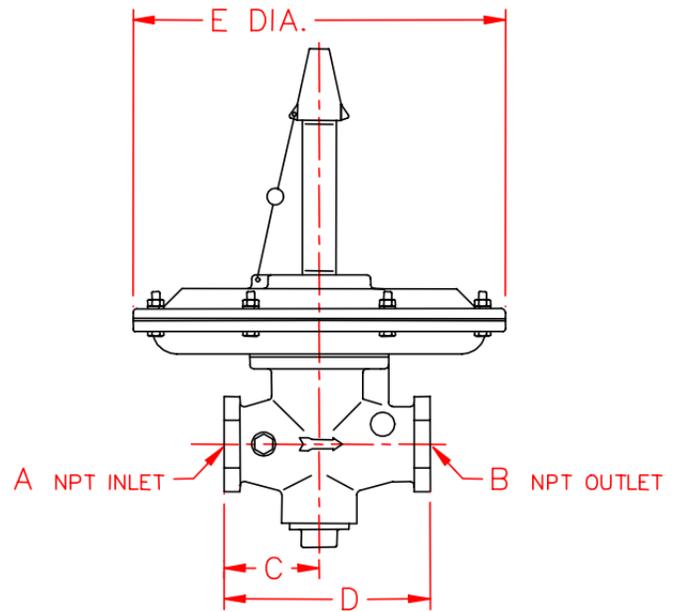
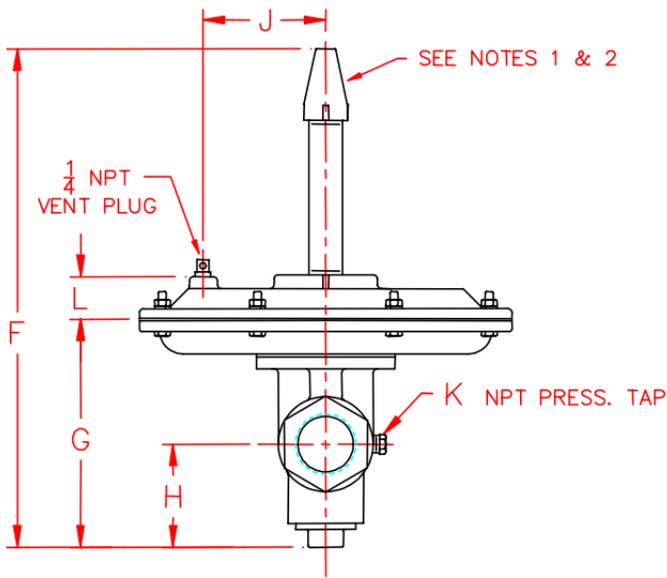
- Accuracy: Low - Flow: $\pm 0.1''$ W.C. | Full - Flow: $\pm 0.3''$ W.C.
- Turndown up to 200:1
- Operating temperatures to 300°F
- For use with high sulfur gases
- All units factory tested and sealed before shipment
- Maximum inlet pressure: 2.0 psig
- Maximum pressure differential: 14.0'' W.C.
- Sensitivity - Responds to signal pressure differential as low as 0.04'' W.C.

BZR-300 Capacities

Model Number	Pipe Size	SCFH Gas Flow @ 4.0'' W.C. Pressure Drop			
		MFD 0.4 Sp. Gr.	NAT. 0.6 Sp. Gr.	AIR 1.0 Sp. Gr.	L.P. 1.5 Sp. Gr.
6-BZR-300	3/4''	790	650	500	410
8-BZR-300	1''	1,580	1,290	1,000	820
12-BZR-300	1-1/2''	3,160	2,580	2,000	1,640
16-BZR-300	2''	5,530	4,520	3,500	2,860
20-BZR-300	2-1/2''	7,900	6,450	5,000	4,100
24-BZR-300	3''	12,600	10,300	8,000	6,500
32-BZR-300	4''	22,100	18,100	14,000	11,400



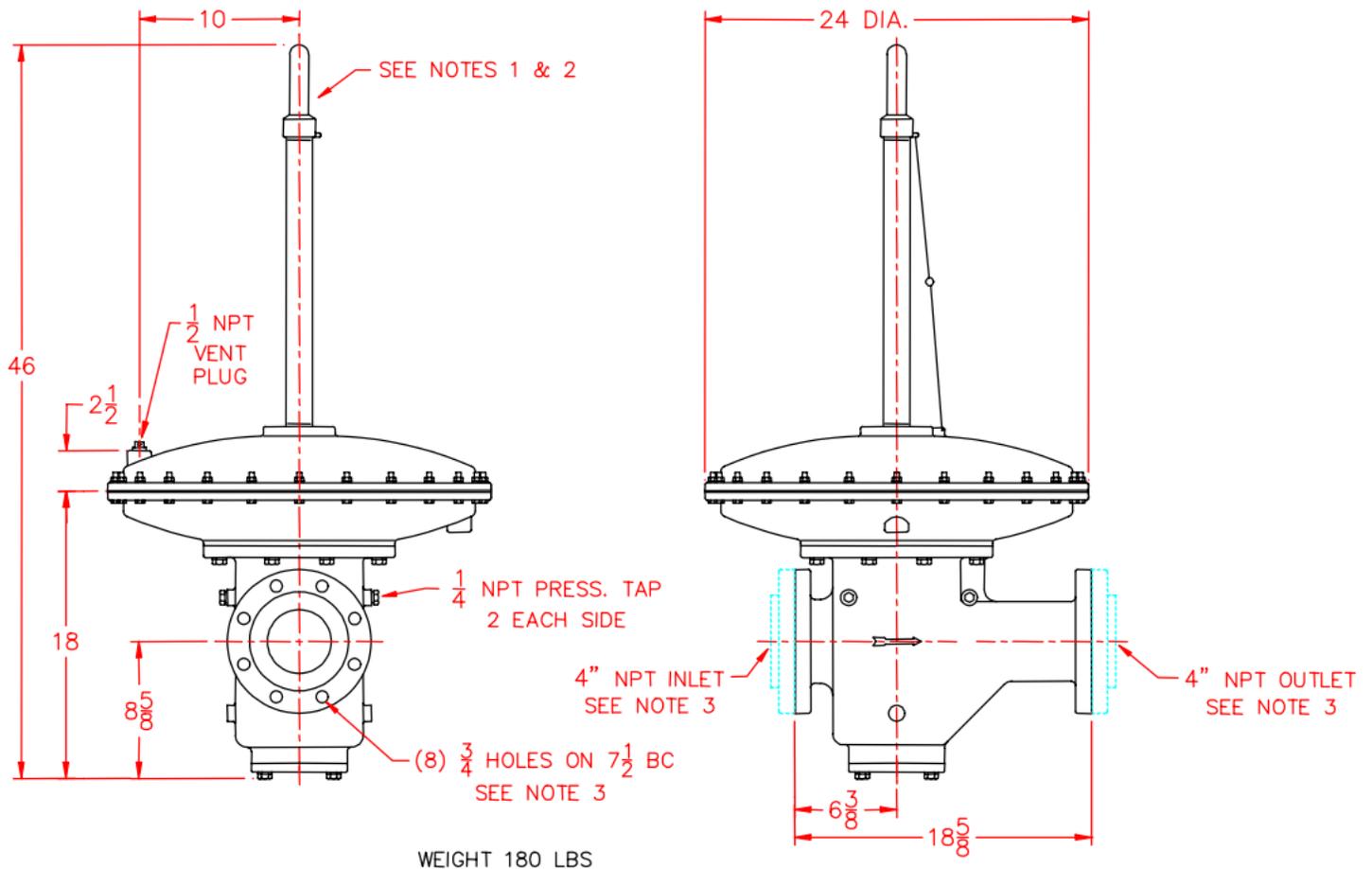
BZR-300 Dimensions



Model Number	A	B	C	D	E	F	G	H	J	K	L	Weight Lbs.
6-BZR-300	3/4	3/4	2-1/2	5	8-1/4	11-1/4	4-7/8	2	2-3/4	1/8	1-1/4	6.5
8-BZR-300	1	1	2-3/8	4-3/4	9-3/4	11-3/4	4-3/4	2	3-3/8	1/8	1-1/4	8.5
12-BZR-300	1-1/2	1-1/2	3	6-1/2	11-3/4	15-3/4	7-1/4	3-1/4	3-7/8	1/4	1-3/8	15.5
16-BZR-300	2	2	3-1/2	7-1/2	11-3/4	16-1/8	8-1/8	3-7/8	3-7/8	1/4	1-3/8	20.0
20-BZR-300	2-1/2	2-1/2	4	8-3/4	14	17-5/8	8-3/4	3-5/8	3-5/8	1/4	1-7/8	50.0
24-BZR-300	3	3	5-3/4	11-1/2	14	20-3/8	10-5/8	4-5/8	3-5/8	1/4	1-7/8	60.5



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NOTES:

1. Spring housing must be in an upright position.
2. Gas pipe run must be horizontal and level.
3. Designed to accept standard 4" ANSI flanges.
4. All dimensions are in inches.

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