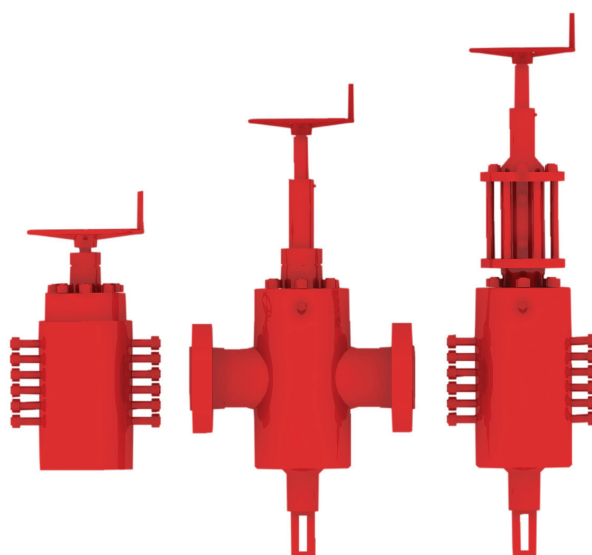


# Type 43 Gate Valve

Engineered for ease of closure and seal, AXON's Type 43 gate valves are designed especially for harsh environments encountered during fracking, snubbing, or workover operations. This unique gate valve design features a compact footprint, and optimized weight, as well as minimal damage to seal surfaces, resulting in increased performance and reduced repair costs. These Type 43 gate valves can also be fitted with full array of AXON actuators.



## FEATURES / BENEFITS

### Technical Details

- Meets ISO 15156-1 (NACE MR-0175) material requirements
- All API 6A (ISO 10423) PSL levels can be provided
- Available in bore sizes 4-1/16", 5-1/8", and 7-1/16"
- Positive metal-to-metal seal (gate/seat; seat/body)
- Stem seal design compatible with wide range of wellhead and manifold service applications (e.g., pressure, temperature, fluids, etc.)
- Metal-to-metal bonnet seal allows for working pressures surpassing 10,000 psi

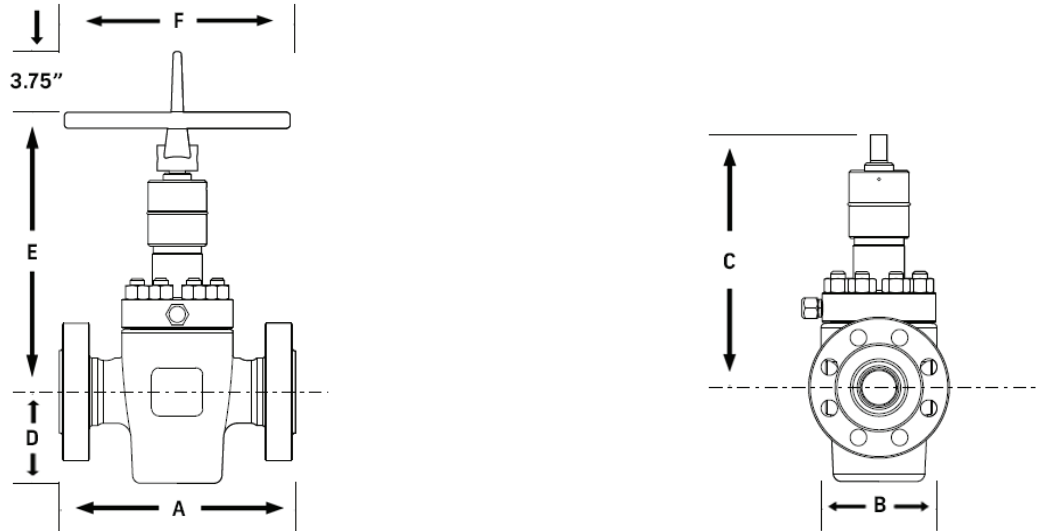
### Design Advantages

- Capability to replace stem seal while the valve is under pressure
- Grease injection fitting positioned downstream of stem backseat (fitting located in bonnet)
- Unique design minimizing damage to seal surfaces
- Versatile flow direction and prolonged service life achieved via bi-directional design
- Optimized seat and gate components engineered for reliable performance and ease of serviceability
- Features dual spring-loaded and non-elastomeric lip-seals for low pressure sealing

# Type 43 Gate Valve

## SPECIFICATIONS

### Type 43 Diagram



### Dimensional Data

Nominal Size	Working Pressure (psi)	Dimensions (inches)						Weight (Pounds)	Number of Turns
		A	B	C	D	E	F		
1-13/16"	10,000	18.25	9.06	15.12	5.75	17.38	14.00	240	12-1/3
	15,000	18.00	9.88	15.12	5.88	17.38	14.00	280	12-1/3
	20,000	21.00	11.25	16.28	7.87	18.03	18.50	580	14-3/4
2-1/16"	2,000	11.62	6.12	13.00	5.25	15.38	10.00	100	12-1/3
	3,000	14.62	6.75	13.00	5.62	15.38	14.00	185	12-1/3
	5,000	14.62	7.00	15.12	5.62	17.38	14.00	185	12-1/3
	10,000	20.50	9.38	15.12	5.88	17.38	18.50	270	12-1/3
	15,000	19.00	9.88	33.81	6.12	17.38	18.50	300	12-1/3
2-9/16"	2,000	13.12	7.12	33.81	6.00	16.12	10.00	150	15-1/8
	3,000	16.62	7.62	33.81	6.50	16.12	14.00	230	15-1/8
	5,000	16.62	9.25	16.18	7.38	19.06	14.00	230	15-1/8
	10,000	22.25	9.81	15.81	6.81	18.12	18.50	370	15-1/8
	20,000	21.00	11.50	17.18	7.94	19.56	18.50	560	15-3/4
3-1/16"	2,000	26.50	14.50	20.31	10.06	21.59	24.00	1,235	19-1/2
	10,000	24.38	10.25	16.88	8.06	18.06	24.00	530	18-1/8
3-1/8"	15,000	23.56	13.56	20.94	9.25	22.18	24.00	890	22-7/8
	2,000	14.12	7.75	16.81	7.12	19.06	14.00	210	18-1/8
3-1/8"	3,000	17.12	7.50	16.81	7.38	19.06	14.00	280	18-1/8
	5,000	18.62	7.50	16.81	7.38	19.06	18.50	340	18-1/8
	2,000	17.12	9.75	18.44	9.12	20.69	18.50	350	23-1/4
4-1/8"	3,000	20.12	10.50	18.44	9.12	20.69	18.50	450	23-1/4
	5,000	21.62	10.81	18.44	9.12	20.69	18.50	540	23-1/4
	10,000	26.38	12.81	19.69	10.06	20.94	24.00	870	23-1/4
4-1/16"	15,000	29.00	14.60	33.80	11.70	35.80	24.00	1,555	29-1/4
	3,000	24.12	21.00	21.31	11.38	22.56	24.00	975	27-1/2
5-1/8"	5,000	28.62	21.75	21.31	11.38	23.56	24.00	1,100	27-1/2
	10,000	29.00	23.50	23.88	13.12	25.25	24.00	1,310	29
	2,000	22.12	12.38	22.75	12.88	24.00	18.50	800	33-3/4
6-1/8"	3,000	24.12	12.75	22.75	12.88	24.00	24.00	1,000	33-3/4
	5,000	29.00	14.12	22.75	12.88	24.00	24.00	1,220	33-3/4
	2,000	22.12	13.19	22.75	12.90	24.50	18.50	890	33-3/4
6-3/8"	3,000	24.12	14.12	22.77	12.90	24.50	24.00	1,020	33-3/4
	5,000	29.00	14.50	22.77	12.90	24.50	24.00	1,230	33-1/4
	10,000	35.00	17.40	40.10	14.17	42.10	35.00	2,500	43-1/8
	2,000	28.12	17.38	37.11	14.62	48.19	43.00	1,875	46-1/2
7-1/16"	5,000	32.00	17.38	37.11	14.62	48.19	43.00	1,975	46-1/2
	5,000	41.00	23.12	40.62	19.95	51.70	43.00	4,100	59-1/4