

Kerotest EV-11 Gate Valve

Soft Seat, Natural Gas



Product Brief

The Kerotest EV-11 Soft Seated Valve is an economical field-proven, full opening, non-rising stem gate valve. This unusual gate valve incorporates an exclusive “elastomer seat” design—a simple method that solves leakage problems without requiring lubrication or conventional seat inserts.

Use this general service valve in natural gas distribution applications including manifolds, flow lines, regulator stations and meter runs. The full-opening, uncomplicated design of the EV-11 soft-seat gate valve makes it ideal for water, oil and other liquid applications.

Features/Benefits

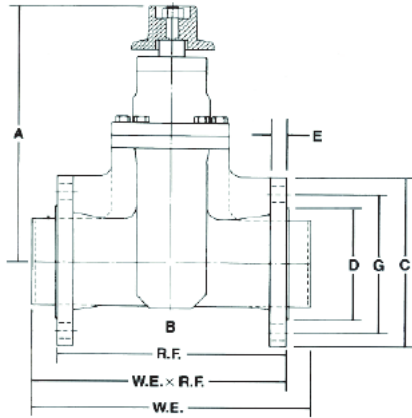
- **Full port sizes**—2-inch through 12-inch
- **Connections**—flange, weld and weld-by-flange
- **Bubble-tight shut-off**, despite particles and scale
- **Full opening**—providing minimum pressure drop
- **No metal-to-metal contact** between gate sealing members
- **Hot tapping**—will pass all tools, cutters and cuttings
- **Maintenance free**
- **No lubrication required**
- **Field serviceable**
- **Available options:**
 - Handwheel in lieu of 2-inch operating nut
 - Locking device
 - Stem drive extensions
 - Protective coating
 - Coded transition end connections



An Employee-Owned Company

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Dimensions



Size	A	B ^① R.F.	B ^① W.E.	B ^① W.E. x R.F.	C	D	E ^①	Bore G	Bolt Hole Dia.	No. of Bolts	Hand Wheel O.D.	Wgt. R.F.	Wgt. W.E.	Wgt. W.E. x R.F.	Turn To Close	
Class 150–285 MOP (Face-to-face per ANSI B16.5 and B16.10 CL 150)																
2	9-3/4	7	8-1/2	7-3/4	6	3-5/8	3/4	2	4-3/4	3/4	4	8	33	22	28	12
3	12-1/8	8	11-1/8	9-9/16	7-1/2	5	15/16	3	6	3/4	4	12	60	46	51	14-1/2
4	13-3/4	9	12	10-1/2	9	6-3/16	15/16	4	7-1/2	3/4	8	12	79	61	70	18-1/2
6	18-1/2	10-1/2	15-7/8	13-3/16	11	8-1/2	1	6	9-1/2	7/8	8	16	166	140	160	20-1/4 ^②
8	22-3/8	11-1/2	16-1/2	14	13-1/2	10-5/8	1-1/8	8	11-3/4	7/8	8	16	308	278	291	25-3/4 ^②
10	27-1/4	13	18	15-1/2	16	12-3/4	1-3/16	10	14-1/4	1	12	20	644	500	572	32-1/2
12	30-3/4	14	19-3/4	16-7/8	19	15	1-1/4	12	17	1	12	24	760	687	724	38-1/2
500 WOG (Face-to-face per ANSI B16.5 and B16.10 CL 300)																
2	9-3/4	8-1/2	8-1/2	8-1/2	6-1/2	3-5/8	7/8	2	5	3/4	8	8	36	23	30	12
3	12-1/8	11-1/8	11-1/8	11-1/8	8-1/4	5	1-1/8	3	6-5/8	7/8	8	12	72	47	58	14-1/4
4	13-3/4	12	12	12	10	6-3/16	1-1/4	4	7-7/8	7/8	8	12	99	62	79	18-1/2
6	18-1/2	15-7/8	15-7/8	15-7/8	12-1/2	8-1/2	1-7/16	6	10-5/8	7/8	12	16	200	143	178	20-1/4 ^②
8	22-3/8	16-1/2	16-1/2	16-1/2	15	10-5/8	1-5/8	8	13	1	12	16	375	278	335	25-3/4 ^②
10	27-1/4	18	18	18	17-1/2	12-3/4	1-7/8	10	15-1/4	1-1/8	16	20	689	500	599	32-1/2
12	30-3/4	19-3/4	19-3/4	19-3/4	20-1/2	15	2	12	17-3/4	1-1/4	16	24	900	687	785	38-1/2
Class 300–740 MOP (Face-to-face per ANSI B16.5 and B16.10 CL 300)																
2	9-3/4	8-1/2	8-1/2	8-1/2	6-1/2	3-5/8	7/8	2	5	3/4	8	8	36	23	30	12
3	12-1/8	11-1/8	11-1/8	11-1/8	8-1/4	5	1-1/8	3	6-5/8	7/8	8	12	72	47	58	14-1/4
4	13-3/4	12	12	12	10	6-3/16	1-1/4	4	7-7/8	7/8	8	12	99	62	79	18-1/2
6	18-1/2	15-7/8	15-7/8	15-7/8	12-1/2	8-1/2	1-7/16	6	10-5/8	7/8	12	16	200	143	178	20-1/4 ^②
8	22-3/8	16-1/2	16-1/2	16-1/2	15	10-5/8	1-5/8	8	13	1	12	16	375	278	335	25-3/4 ^②
10	27-1/4	18	18	18	17-1/2	12-3/4	1-7/8	10	15-1/4	1-1/8	16	20	689	500	599	32-1/2
12	30-3/4	19-3/4	19-3/4	19-3/4	20-1/2	15	2	12	17-3/4	1-1/4	16	24	900	687	785	38-1/2

① B (R.F. & W.E. x R.F.) and E dimensions include 1/16-inch raised face thickness.

② Valves produced prior to 1986 will have single ACME stem threads and the number of turns will be double.

Note: Class 150 and 300 valves built prior to the July 10, 2006 change to the Federal Code Part 192 are rated as follows:
Class 150–275 MOP, Class 300–720 MOP.

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