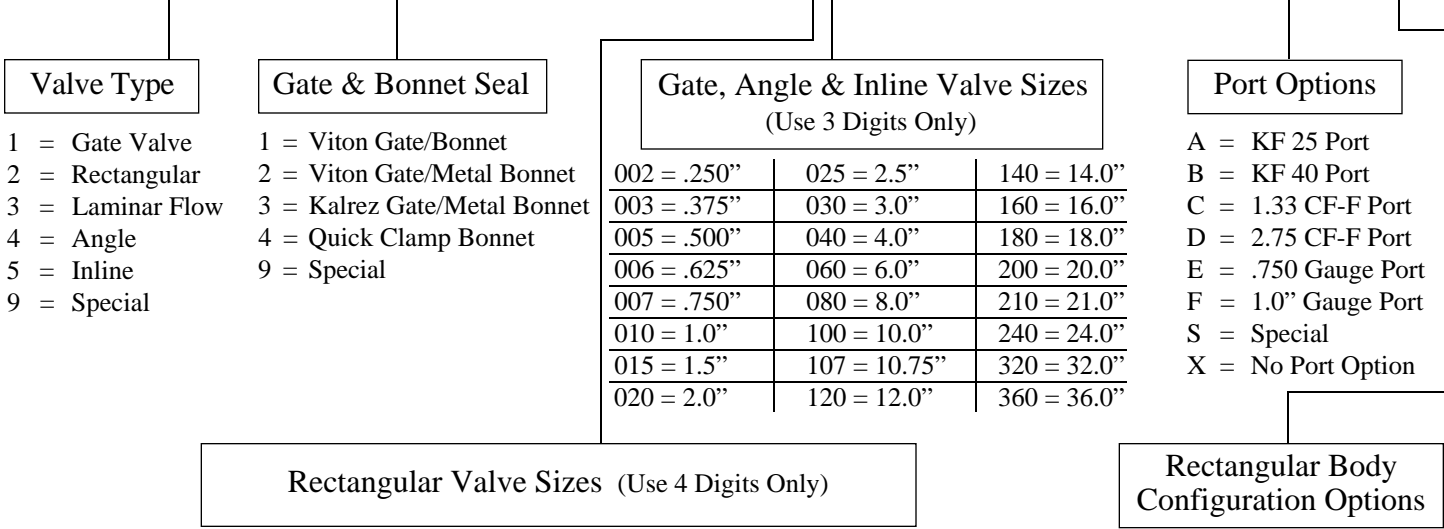
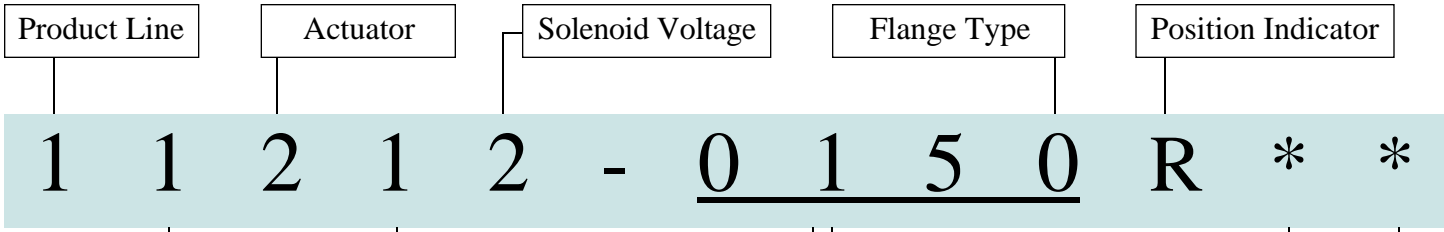


MODEL KEY GUIDE

- 1 = Standard Cycle
- 2 = Million Cycle
- 3 = Long Life
- 8 = Aluminum
- 9 = Special
- 1 = Manual
- 2 = Pneumatic
- 3 = Pneumatic Throttle
- 5 = Spring Loaded
- 7 = 3-Position
- 8 = Throttle System
- 9 = Special
- 0 = No Solenoid
- 1 = 24 VDC
- 2 = 120 VAC
- 3 = 220 VAC
- 4 = 24 VAC
- 9 = Special
- 0 = CF-F Port (UNF)
- 1 = ANSI Flanges*
- 2 = ANSI Flanges*
- 3 = KF/ISO Bolted
- 4 = Metric CF-F Port
- 5 = JIS Flanges*
- 6 = ISO Clamped
- 9 = Special Flanges
- X = No Port Flanges**
- R = Reed Switch
- M = Micro Switch
- P = Reed Switch + 6 pin connector
- Q = Micro Switch + 6 pin connector
- Z = Special
- X = No Switch



0106 = 1 x 6	0208 = 2 x 8	0308 = 3 x 8	0412 = 4 x 12	0516 = 5 x 16	0616 = 6 x 16
0108 = 1 x 8	0209 = 2 x 9	0310 = 3 x 10	0416 = 4 x 16	0520 = 5 x 20	0620 = 6 x 20
0109 = 1 x 9	0210 = 2 x 10	0312 = 3 x 12	0420 = 4 x 20	0524 = 5 x 24	0624 = 6 x 24
0110 = 1 x 10	0212 = 2 x 12	0316 = 3 x 16	0424 = 4 x 24	0530 = 5 x 30	0630 = 6 x 30
0112 = 1 x 12	0213 = 2 x 13	0320 = 3 x 20	0430 = 4 x 30	0532 = 5 x 32	0632 = 6 x 32
0113 = 1 x 13	0216 = 2 x 16	0324 = 3 x 24	0432 = 4 x 32	0536 = 5 x 36	0636 = 6 x 36
0116 = 1 x 16	0218 = 2 x 18	0330 = 3 x 30	0436 = 4 x 36	0540 = 5 x 40	0640 = 6 x 40
0120 = 1 x 20	0220 = 2 x 20	0408 = 4 x 8	0510 = 5 x 10	0610 = 6 x 10	0648 = 6 x 48
0206 = 2 x 6	0306 = 3 x 6	0410 = 4 x 10	0512 = 5 x 12	0612 = 6 x 12	0650 = 6 x 50

- B = Bolted
- C = Clamped
- D = 50mm Bolted MESC
- E = 70mm Bolted MESC
- F = 50mm Clamped MESC
- G = 70mm Clamped MESC
- H = 50mm Clamped with mounting holes (MESC)
- I = 70mm Clamped with mounting holes (MESC)
- S = Special

*Please specify if o-ring groove is required. O-ring must be ordered separately.

** No Port Flanges Applies to Angle & Inline only.

*Applies only if selecting options.

Model Number Example

MM	INCH	MODEL NUMBER	CONDUCTANCE LITERS/SEC ❖	SHIPPING WEIGHT LBS.	KG
38	1.5	11212-0150R	128	10	5
50	2.0	11212-0200R	279	13	6
63	2.5	11212-0250R	524	18	8

11000 Series Stainless Steel Gate Valves

KF AND ISO PORT FLANGE MODELS

For High Vacuum Applications

Viton Sealing O-Ring Bonnet and Gate/ **Pneumatic Operation**

MM	INCH	MODEL NUMBER*	FLANGE SIZE	CONDUCTANCE LITERS/SEC ❖	SHIPPING WEIGHTLBS.	KG
16	.625	11212-0063	KF 16	13	3	1
38	1.5	11212-0153R	KF 40	88	10	5
50	2.0	11212-0203R	KF 50	317	13	6
63	2.5	11212-0253R	ISO 63	615	18	8
		11212-0256R	ISO 63	363	25	11
75	3.0	11212-0303R	ISO 75	1,071	22	10
		11212-0306R	ISO 75	546	32	15
100	4.0	11212-0403R	ISO 100	2,122	33	15
		11212-0406R	ISO 100	1,199	43	20
150	6.0	11212-0603R	ISO 150	7,140	50	23
		11212-0606R	ISO 150	3,967	70	32
200	8.0	11212-0803R	ISO 200	11,597	75	34
		11212-0806R	ISO 200	9,449	95	43
250	10.0	11212-1003R	ISO 250	24,990	160	73
		11212-1006R	ISO 250	17,537	190	86
300	12.0	11212-1203R	ISO 300	43,268	170	77
		11212-1206R	ISO 300	24,500	230	105
400	16.0	11212-1603R	ISO 400	74,905	415	189
		11212-1606R	ISO 400	46,700	475	216
500	20.0	11212-2003R	ISO 500	132,197	680	309
		11212-2006R	ISO 500	85,528	770	350
600	24.0	11212-2403R	ISO 600	228,856	725	330

❖ Conductance tables based on air.

3- KF or ISO bolted flange

6- ISO clamped flange

Pneumatic valves supplied with 120 VAC solenoid and Reed switches for open and closed position indication.

*Reference Model Key Page when ordering.

R- Reed Switch M- Micro Switch (optional)

Due to ongoing product development, prices/dimensions subject to change without notice.

11000 Series Stainless Steel Gate Valves

KF AND ISO PORT FLANGE MODELS

Flange Dimensions / Options

MM	INCH	NO. HOLES/ CLAMPS	FLANGE SIZE	THD	B.C. MM	B.C.	O.D. MM	O.D.	I.D. MM	I.D.
16	.625	–	KF 16	–	–	–	30	1.18	16	.625
40	1.5	–	KF 40	–	–	–	55	2.16	38	1.50
50	2.0	–	KF 50	–	–	–	75	2.95	51	2.00
63	2.5 bolted	4	ISO 63	M8 x 1.25	110	4.33	130	5.12	64	2.50
63	2.5 clamped	3-4	ISO 63	–	–	–	95	3.74	64	2.50
75	3.0 bolted	8	ISO 75	M8 x 1.25	125	4.92	145	5.71	76	3.00
75	3.0 clamped	4-8	ISO 75	–	–	–	110	4.33	76	3.00
100	4.0 bolted	8	ISO 100	M8 x 1.25	145	5.71	165	6.50	102	4.00
100	4.0 clamped	4-8	ISO 100	–	–	–	130	5.12	102	4.00
150	6.0 bolted	8	ISO 150	M10 x 1.50	200	7.87	225	8.86	152	6.00
150	6.0 clamped	4-8	ISO 150	–	–	–	180	7.09	152	6.00
200	8.0 bolted	12	ISO 200	M10 x 1.50	260	10.24	285	11.22	203	8.00
200	8.0 clamped	6-12	ISO 200	–	–	–	240	9.45	203	8.00
250	10 bolted	12	ISO 250	M10 x 1.50	310	12.20	335	13.18	254	10.00
250	10 clamped	6-12	ISO 250	–	–	–	290	11.42	254	10.00
300	12 bolted	12	ISO 300	M12 x 1.75	395	15.55	425	16.73	305	12.00
300	12 clamped	8-12	ISO 300	–	–	–	370	14.57	305	12.00
400	16 bolted	16	ISO 400	M12 x 1.75	480	18.90	510	20.08	406	16.00
400	16 clamped	8-16	ISO 400	–	–	–	450	17.72	406	16.00
500	20 bolted	16	ISO 500	M12 x 1.75	580	22.83	610	24.02	508	20.00
500	20 clamped	12-16	ISO 500	–	–	–	550	21.65	508	20.00
600	24 bolted	20	ISO 600	M12 x 1.75	720	28.35	750	29.53	610	24.00

OPTIONS

- Alternate Voltage Controls
- Custom Flange Sizes
- Gauge Ports
- Micro Switches
- Million Cycle Option
- Motor Operators
- Quick Clamp Bonnet (Patent Pending)
- Roughing Ports
- Spring Loaded: Air-to-open, Spring-to-close, up to 3". **Sizes larger than 3" on request.**

Due to ongoing product development, prices/dimensions subject to change without notice.