

PRATT®

a **MUELLER** brand

KNIFE GATE VALVES

Installation Instructions

Use the cross torque method for tightening flange bolts. Mating flanges must be parallel and true with each other and the valve. Do not use the valve to pull together or force apart two mating pipes. Use bolt sizes shown below.

VALVE	BOLT SIZE	NUMBER
3"	5/8" - 11	4
4"	5/8" - 11	8
6"	3/4" - 10	8
8"	3/4" - 10	8
10"	7/8" - 9	12
12"	7/8" - 9	12
14"	1" - 8	12
16"	1" - 8	16
18"	1 1/8" - 7	16
20"	1 1/8" - 7	20
24"	1 1/4" - 7	20
30"	1 1/4" - 7	28
36"	1 1/2" - 6	32

(continued)

1. During installation of metal to metal seated valves be sure the marking “SEAT SIDE,” near the top flange of the body, is on the down stream side of the valve for pressure applications. Improper installation may result in gate damage.
2. During installation of the flange bolts in the chest of the valve body, be sure not to bottom out the bolts, as the chest holes are NOT designed to stop bolts from bottoming out.
3. Pneumatic, hydraulic and electric motor actuated valves require external support to the actuator when mounted in other than the vertical position.
4. Resilient seated valves require some lubricating media before stroking.
5. Packing gland may require adjustment during startup.
6. Lubricate stem before startup.

Phone: (800) 423-1323

By deviating from the above listed instructions, you will void any product warranty and release Henry Pratt Company, LLC. and its affiliated entities from any and all liability associated with the installation or use of this product. For details on the product’s warranty, terms, and conditions, please visit prattvalve.com.

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