



Trademark of SISTAG  
Wey Valve, Inc. •

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Date: May 27, 2009  
Project: All Projects

| <b>Wey Valve Suggested Flange Bolt Torque</b> |                         |                                   |
|---|-------------------------|-----------------------------------|
| <b>Valve Size</b>                             | <b>Flange Bolt Size</b> | <b>Flange Bolt Torque ft.lbs.</b> |
| 2" - 4"                                       | 5/8"                    | 45                                |
| 6" - 8"                                       | 3/4"                    | 90                                |
| 10" - 12"                                     | 7/8"                    | 160                               |
| 14" - 16"                                     | 1"                      | 240                               |
| 18" - 20"                                     | 1 1/8"                  | 320                               |
| 24" - 30"                                     | 1 1/4"                  | 440                               |
| 32" - 48"                                     | 1 1/2"                  | 560                               |

This is Wey Valve's suggested standard for flange bolt torques and does not replace common sense rules used by experienced people who actually assemble valves to piping.



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Date: December 23, 2009  
For Model A3 Valves

| <b>Wey Valve Suggested Flange Bolt Torque</b> |                         |                                   |
|---|-------------------------|-----------------------------------|
| <b>Valve Size</b>                             | <b>Flange Bolt Size</b> | <b>Flange Bolt Torque ft.lbs.</b> |
| 2"  | 5/8"                    | 17                                |
| 3"  | 3/4"                    | 38                                |
| 4"  | 3/4"                    | 57                                |
| 6"  | 3/4"                    | 61                                |
| 8"  | 7/8"                    | 98                                |
| 10"   | 1"                      | 101                               |
| 12"   | 1-1/8"                  | 135                               |
| 14"   | 1-1/8"                  | 118                               |
| 16"   | 1-1/4"                  | 172                               |
| 18"   | 1-1/4"                  | 186                               |
| 20"   | 1-1/4"                  | 205                               |
| 24"   | 1-1/2"                  | 288                               |
| 26"   | 1-5/8"                  | 507                               |
| 28"   | 1-5/8"                  | 543                               |
| 30"   | 1-3/4"                  | 687                               |
| 36"   | 2"                      | 897                               |
| 42"   | 1-5/8"                  | 545                               |
| 48"   | 1-7/8"                  | 838                               |

This is based on ASME Boiler and Pressure Vessel Code, using gaskets with 5000 psi stress and lubricated bolts.

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