

API FLANGE DATA - VALVES



Bore Size Working Pressure		Stud Diameter	Heavy Hex A.F.	Torque FT. LBS.	Bore Size Working Pressure		Stud Diameter	Heavy Hex A.F.	Torque FT. LBS.
1 - 13/16"	10,000	3/4"	1 - 1/4"	200 - 300	4 - 1/16"	2,000	7/8"	1 - 7/16"	325 - 450
1 - 13/16"	15,000	7/8"	1 - 7/16"	325 - 450	4 - 1/16"	3,000	1 - 1/8"	1 - 13/16"	600 - 800
1 - 13/16"	20,000	1"	1 - 5/8"	475 - 550	4 - 1/16"	5,000	1 - 1/4"	2"	600 - 1,000
					4 - 1/16"	10,000	1 - 1/8"	1 - 13/16"	600 - 800
2 - 1/16"	2,000	5/8"	1 - 1/16"	150 - 250	4 - 1/16"	15,000	1 - 3/8"	2 - 3/16"	700 - 1,200
2 - 1/16"	5,000	7/8"	1 - 7/16"	325 - 450	4 - 1/16"	20,000	1 - 3/4"	2 - 3/4"	1,460 - 2,040
2 - 1/16"	10,000	3/4"	1 - 1/4"	200 - 300					
2 - 1/16"	15,000	7/8"	1 - 7/16"	325 - 450	5 - 1/8"	2,000	1"	1 - 5/8"	475 - 550
2 - 1/16"	20,000	1 - 1/8"	1 - 13/16"	600 - 800	5 - 1/8"	3,000	1 - 1/4"	2"	600 - 1,000
					5 - 1/8"	5,000	1 - 1/2"	2 - 3/8"	920 - 1,400
2 - 9/16"	2,000	3/4"	1 - 1/4"	200 - 300	5 - 1/8"	10,000	1 - 1/8"	1 - 13/16"	600 - 800
2 - 9/16"	5,000	1"	1 - 5/8"	475 - 550					
2 - 9/16"	10,000	7/8"	1 - 7/16"	325 - 450	7 - 1/16"	2,000	1"	1 - 5/8"	475 - 550
2 - 9/16"	15,000	1"	1 - 5/8"	475 - 550	7 - 1/16"	3,000	1 - 1/8"	1 - 13/16"	600 - 800
2 - 9/16"	20,000	1 - 1/4"	2"	600 - 1,000	7 - 1/16"	5,000	1 - 3/8"	2 - 3/16"	700 - 1,200
					7 - 1/16"	10,000	1 - 1/2"	2 - 3/8"	920 - 1,400
3 - 1/8"	2,000	3/4"	1 - 1/4"	200 - 300	7 - 1/16"	15,000	1 - 1/2"	2 - 3/8"	920 - 1,400
3 - 1/8"	3,000	7/8"	1 - 7/16"	325 - 450	7 - 1/16"	20,000	2"	3 - 1/8"	2,190 - 2,850
3 - 1/8"	5,000	1 - 1/8"	1 - 13/16"	600 - 800					
3 - 1/16"	10,000	1"	1 - 5/8"	475 - 550					
3 - 1/16"	15,000	1 - 1/8"	1 - 13/16"	600 - 800					
3 - 1/16"	20,000	1 - 3/8"	2 - 3/16"	700 - 1,200					

**Torque values are suggested and intended
to be used as a guideline**

*** Use lower torque value when using
a moly disulfide lubricant

*** Use higher torque value when using
API 5A lubricant