



Recommended Torque Values

Flange Rating: Class 150			
NPS Nominal Pipe Size	Bolt Size	Number of Bolts	Min. to Max. Range in Foot Lbs. (Lubricated)
2"	5/8"	4	80-90
3"	5/8"	4	80-90
4"	5/8"	8	80-90
6"	3/4"	8	140-160
8"	3/4"	8	140-160
10"	7/8"	12	240-270
12"	7/8"	12	240-270
14"	1"	12	360-400
16"	1"	16	360-400
18"	1-1/8"	16	520-570
20"	1-1/8"	20	520-570
24"	1-1/4"	20	740-800

Flange Rating: Class 300			
NPS Nominal Pipe Size	Bolt Size	Number of Bolts	Min. to Max. Range in Foot Lbs. (Lubricated)
2"	5/8"	8	80-90
3"	3/4"	8	140-160
4"	3/4"	8	140-160
6"	3/4"	12	140-160
8"	7/8"	12	240-270
10"	1"	16	360-400
12"	1-1/8"	16	360-400
14"	1-1/8"	20	520-570
16"	1-1/4"	20	740-800
18"	1-1/4"	24	740-800
20"	1-1/4"	24	740-800
24"	1-1/2"	24	1330-1400

Flange Rating: Class 600

NPS Nominal Pipe Size	Bolt Size	Number of Bolts	Min. to Max. Range in Foot Lbs. (Lubricated)
2"	5/8"	8	110-120
3"	3/4"	8	230-260
4"	7/8"	8	370-410
6"	1"	12	500-540
8"	1-1/8"	12	830-880
10"	1-1/4"	16	830-900
12"	1-1/4"	20	910-960

Flange Rating: Class 900

NPS Nominal Pipe Size	Bolt Size	Number of Bolts	Min. to Max. Range in Foot Lbs. (Lubricated)
2"	7/8"	8	150-175
3"	7/8"	8	250-300
4"	1-1/8"	8	500-540
6"	1-1/8"	12	540-610
8"	1-3/8"	12	1000-1060
10"	1-3/8"	16	1000-1040
12"	1-3/8"	20	1040-1120

Flange Rating: Class 1500

NPS Nominal Pipe Size	Bolt Size	Number of Bolts	Min. to Max. Range in Foot Lbs. (Lubricated)
2"	7/8"	8	170-190
3"	1-1/8"	8	330-380
4"	1-1/4"	8	580-640
6"	1-3/8"	12	670-710
8"	1-5/8"	12	1170-1250
10"	1-7/8"	12	1830-1900
12"	2"	16	2000-2080

All technical advise and recommendation are rendered by Seller free of charge. While based on data believed to be reliable, seller assumes no responsibility.