

PEF FLANGE BOLT STANDARDS



APPLICATION DATA 12.60-5

April, 2010

Supersedes October, 2008

A.N.S.I. Class 125 / 150

Body Material: Cast Iron (3"-36")

Valve Size	Size mm	Flange Thickness	Thread Size **inches	Tapped Holes, UNC Each Flange			Through Holes, Each Flange		
				Depth	Quantity	Bolt Length **inches	Diameter	Quantity	Bolt with Nut **inches
3"	75	.83	5/8-11 UNC	.81	4	1-1/2	N/A	N/A	N/A
4"	100	1.02	5/8-11 UNC	.62	4	1-3/4	3/4	4	2-3/4
5"	125	1.04	3/4-10 UNC	.69	8	1-3/4	N/A	N/A	N/A
6"	150	1.04	3/4-10 UNC	.69	4	1-3/4	7/8	4	3
8"	200	1.23	3/4-10 UNC	.75	4	2	7/8	4	3-1/4
10"	250	1.30	7/8-9 UNC	.66	8	2	1	4	3-1/2
12"	300	1.36	7/8-9 UNC	.75	8	2-1/4	1	4	3-3/4
14"	350	1.50	1-8 UNC	.88	8	2-1/2	1-1/8	4	4
16"	400	1.55	1-8 UNC	.88	8	2-1/2	1-1/8	8	4-1/4
18"	450	1.68	1-1/8-7 UNC	1.13	12	2-3/4	1-1/4	4	4-1/2
20"	500	1.76	1-1/8-7 UNC	1.13	16	3	1-1/4	4	4-3/4
24"	600	2.06	1-1/4-7 UNC	2.06	2	4-1/4	1-3/8	18	5-1/2
30"	750	2.53	1-1/4-7 UNC	2.53	28	5-1/4	N/A	N/A	N/A
36"	900	2.78	1-1/2-6 UNC	2.78	32	5-3/4	N/A	N/A	N/A

** Bolt length based on ANSI Class 125 mating flange thickness, 1/8" gasket thickness and no washers.