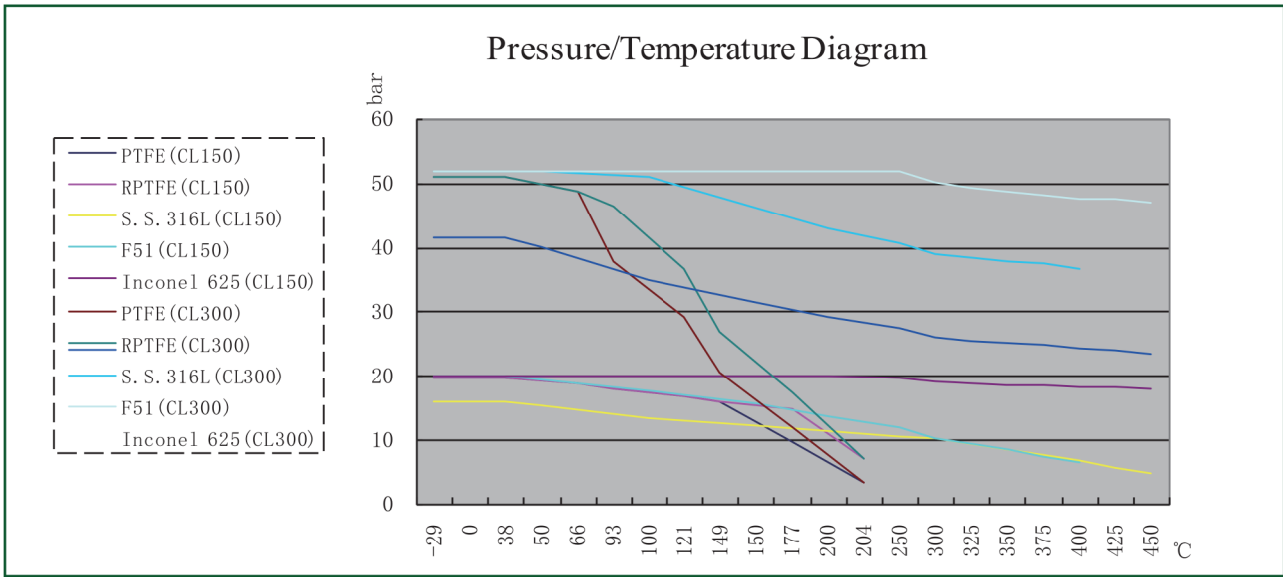


TORQUE										
DN (mm)	Size (in)	Operating Pressure								
		Soft Seat (N.M)			Fire Safe Seat (N.M)			Metal Seat (N.M)		
		10 bar	16bar	25 bar	10 bar	16bar	25 bar	10 bar	16 bar	25 bar
DN50	2"	21	25	29	28	33	48	35	43	58
DN65	2.5"	34	38	41	40	49	69	44	55	76
DN80	3"	35	44	53	45	58	89	55	65	90
DN100	4"	50	60	79	75	88	113	90	100	120
DN125	5"	66	79	94	88	119	181	113	144	220
DN150	6"	106	119	156	113	125	225	170	200	300
DN200	8"	225	275	300	250	350	425	350	430	505
DN250	10"	363	438	538	438	581	825	505	620	860
DN300	12"	480	625	825	675	963	1225	740	1000	1280
DN350	14"	688	838	1150	888	1038	1350	988	1313	1438
DN400	16"	1125	1313	1688	1375	1563	2125	1530	2240	2900

Note:

- 1、 Standard safety factor has been considered
- 2、 Preferred flow direction is disc side or in accordance with the direction arrow on the body.
- 3、 In case of PN20 or ANSI 150, refer to its next higher delta P of 25 bar. In other severe applications, contact AFFCO technical dept. more information.



KV-VALUES										
DN (mm)	Size(in)	Opening Angle								
		20°	30°	40°	50°	60°	70°	80°	90°	
DN50	2"	1.4	6.3	16	19	20	22	23	24	
DN65	2.5"	1.6	7.4	19	23	24	25	26	26	
DN80	3"	7.4	31.5	53	71	86	102	119	121	
DN100	4"	23	63	102	125	172	209	234	264	
DN125	5"	47	105	160	205	269	363	475	518	
DN150	6"	66	114	170	263	411	617	855	887	
DN200	8"	101	176	316	534	779	1162	1660	1834	
DN250	10"	277	481	716	1029	1492	2187	3026	3033	
DN300	12"	417	656	1004	1436	2035	2917	3984	4137	
DN350	14"	483	756	1155	1733	2625	3570	5040	5670	
DN400	16"	578	914	1313	2100	3360	5040	7140	8484	