



Shanghai Tianfa Trading Co., Ltd.

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FLANGE TYPE PNEUMATIC THREE-CAM BUTTERFLY VALVE END643X/F/H

MAIN EXTERNAL AND CONNECTION DIMENSIONS

DN (mm)	PN (MPa)	L		D	D1	D2	b	f	Z φ d	H	END643 Type		
		short	long								H ₀	L1	L2
50	1.0/1.6	108	150	160	125	100	18	3	4-18	110	400	245	72
65		112	170	180	145	120	18	3	4-18	115	420	245	72
80		114	180	195	160	135	20	3	4-18/8-18	120	438	245	72
10		127	190	215	180	155	20	3	8-18	135	525	355	92
125		140	200	245	210	185	22	3	8-18	165	570	355	92
150		140	210	280	240	210	24	3	8-23	175	635	355	92
200		152	230	335	295	265	26	3	8-23/12-23	210	690	250	170
250		165	250	390/405	350/355	320	28/30	3	12-23/12-25	240	767	250	170
300		178	270	440/460	400/410	372	28/30	3	12-23/12-25	280	890	450	220
350		190	290	500/520	160/470	408	30/34	4	16-23/16-25	310	955	450	220
400		216	310	565/580	515/525	482	32/36	4	16-25/16-30	340	1070	450	280
450		222	330	615/640	262/585	540	32/40	4	20-25/20-30	380	1140	650	280
500		229	350	670/705	620/650	585/608	34/44	4	20-25/20-34	410	1200	650	280
600		267	390	780/840	725/770	685/718	36/48	5	20-30/20-41	470	1380	850	380
700		292	430	895/910	840	800	40/50	5	24-30/24-41	550	1580	850	380
800		318	470	1010/1020	950	905	44/52	5	24-34/24-41	640	1760	1250	380
900		330	510	1110/1120	1050	1005	46/54	5	28-34/28-41	710	1915	1250	380
1000		410	550	1220/1250	1160/1170	1115	50/56	5	28-34/28-48	770			
1200		470	630	1450/1485	1380/1390	1325	56/58	5	32-49/32-54	890			
1400		530	710	1675/1685	1590	1525	62	5	36-48/36-54	920			
1600	600	790	1915/1930	1820	1750	68	5	40-54/40-48	1085				
1800	670	870	2115	2020	1950	72	5	44-54	1230				
2000	760	950	2325	2230	2160	74	5	46-5	1350				
50	2.5/4.0	108	150	160	125	100	20	3	4-18	110	440	245	72
65		112	170	180	145	120	22	3	8-18	115	460	245	72
80		114	180	195	160	135	22	3	8-18	120	470	355	92
100		127	190	230	190	160	24	3	8-23	135	515	355	92
125		140	200	270	220	188	28	3	8-25	165	560	355	92
150		140	210	300	250	218	30	3	8-25	175	620	550	138
200		152	230	360/375	310/320	278/282	34/38	3	12-25/12-30	210	690	250	170
250		165	250	425/445	370/385	332/345	36/42	3	12-30/12-34	240	830	250	170
300		178	270	485/510	430/450	390/408	40/46	4	16-30	280	955	450	220
350		190	290	550/570	490/510	448/465	44/52	4	16-34	310	1015	450	220
400		216	310	610/655	550/585	505/535	48/58	4	16-34/16-41	340	1080	650	280
450		222	330	660/680	600/610	555/560	50/60	4	20-34/20-41	380	1170	650	280
500		229	350	730/755	660/670	610/612	52/62	4	20-41/20-48	410	1250	850	280
600		267	390	840/890	770/795	718/730	56/62	5	20-41/20-54	470	1420	850	380
700		292	430	955/995	875/900	815/835	60/68	5	24-48/24-54	550			
800		318	470	1070/1135	990/1030	930/960	64/76	5	24-48/24-58	640			
900		330	510	1180	1090	1025	66	5	28-54	710			
1000		410	550	1305	1210	1140	68	5	28-58	770			
1200		470	630	1525	1420	1350	72	5	32-58	890			
1400		530	710	1750	1640	1560	78	5	36-65	920			