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STRETCH TYPE TURBINE DRIVEN FLANGE BUTTERFLY VALVE ENSD41X

MAIN TECHNICAL PARAMETER

DN(mm)		50~2000		
PN(MPa)		0.6	1.0	1.6
Test pressure (MPa)	Strength test	0.9	1.5	2.4
	Seal test	0.66	1.1	1.76
Applicable medium		Water, Oil, Sea-water		
Applicable temperature		≤80℃		

MATERIAL FOR MAIN PARTS

Name of parts	Material
Body	C.I, WCB
Wedge	C.I, No28A
stem	Stainless steel
Sealing ring	NBR PTFE
Packing	NBR PTFE V. washer

MAIN EXTERNAL AND CONNECTION DIMENSIONS

DN (mm)	PN (MPa)	Main external and connection dimensions(mm)									
		L	L _{MAX}	L _{MIN}	D ₁	D	Zφd	H	H ₀	D ₀	
50	1.0/1.6	150	163	138	125	165	4-18	82.5	306	150	
65		170	188	158	145	185	4-18	92.5	326	150	
80		180	192	162	160	200	4-18/8-18	100	341	150	
100		190	225	180	180	220	8-18	110	366	150	
125		200	235	190	210	250	8-18	125	396	150	
150		210	240	195	240	285	8-22	142.5	431	150	
200		230	265	215	295	340	8-22/12-22	170	617	220	
250		250	285	235	350/355	395/405	12-22/12-25	197.5	672	220	
300		270	302	252	400/410	445/460	12-22/12-25	222.5	768	280	
350		290	321	271	460/470	505/520	16-22/16-25	252.5	828	280	
400		310	343	283	515/525	565/580	16-26/16-30	282.5	948	320	
450		1.0	330	360	300	565	615	20-26	307.5	997	320
500			350	380	320	620	670	20-26	335	1053	320
600	390		425	365	725	780	20-30	390	1165	320	
700	430		465	395	840	895	24-30	447.5	1380	400	
800	470		510	430	950	1015	24-33	507.5	1500	400	
900	510		560	460	1050	1115	28-33	557.5	1600	400	
1000	550		600	500	1160	1230	28-36	615	1720	400	
1200	570		680	580	1380	1455	32-39	727.5	1815	400	
1400	640		780	710	1560	1630	36-39	854.2	1945	500	
1600	720		860	790	1760	1830	40-36	973	2015	500	
1800	800		940	870	1970	2045	44-39	1025	2235	500	
2000	880		1020	950	2100	2125	48-42	1135	2565	500	

Note: a. The seal testing pressure of the above butterfly valves is 1.6MPa/1.0MPa for DN50-DN800; 1.0MPa/0.6MPa for DN900-DN1000; 0.6MPa/0.25MPa for DN1200-DN2000. b. The connection dimensions for the above butterfly valves are set according to 1.0MPa standards; please make note when order in case of a special requirements. c. The driven ways are available with handle, turbine screw rod, pneumatic, electric etc.