

用途及特点 Purpose and Characteristic

通风蝶阀采用与阀体相同材料加工成密封圈，其适用温度随阀体选材而定，公称压力 $\leq 0.6\text{MPa}$ ，一般适用于工业、冶金、环保等管道作通风调节介质流量之用。其主要特点为：

- 1、设计新颖、合理、结构独特，重量轻，启闭迅速。
- 2、操作力矩小，操作方便，省力灵巧。
- 3、采用适应的材料以满足低、中、高不同介质温度及其腐蚀性介质等。

Aeration butterfly valve adopts the material same to body to process the seal ring. Applicable temperature is up to the body material, Nominal pressure $\leq 0.6\text{ Mpa}$, usually used as aeration and adjusting medium and flow in the pipe of various industries such as environmental protection, metallurgy and industry, etc.

Products' characteristics:

1. Neoteric design, reasonable and unique structure, light weight, and quick closing and opening.
2. Small torque, convenient and smart operation and labor-saving.
3. Adopting applicable material to satisfy different media temperature of low, middle and high grade and corrosive medium.

采用标准 Adopted Standard

设计标准 Design Standard: GB/T12238-2008 JB/T8692-2013

法兰连接尺寸 Flange Connection Dimension: GB/T9113-2010

结构长度 Face to Face Dimension: GB/T12221-2015

压力试验 Pressure Test: GB/T13927-2008, JB/T9092-1999

主要技术参数 Main Technical Parameters

公称通径 Nominal Diameter	DN(mm)	50 ~ 2000		
公称压力 Nominal Pressure	PN(MPa)	0.05	0.25	0.6
试验压力 PS(MPa) Test Pressure	强度试验 Strength Test	0.075	0.375	0.9
	密封试验 Seal Test	$\leq 1.5\%$ 泄漏量 Leakage		
适用介质 Applicable Media	煤气、含尘气体、烟道气等。 Coal Gas, Gas Containing Dust, Flue Gas			
驱动形式 Operation	手动、蜗杆蜗轮传动、气传动、电传动。 Manual, Worm Gear, Pneumatic, Electric			

主要零件材质 Material for Main Parts

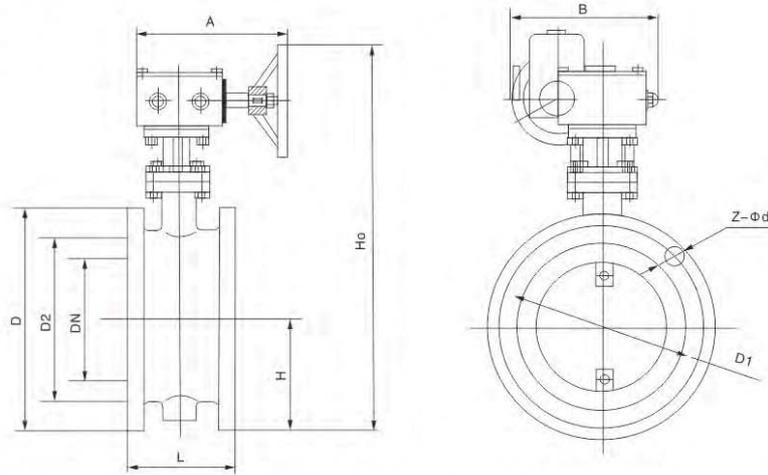
零件名称 Parts name	材料 Material
阀体 Body	铸钢、不锈钢、铬镍钼钛钢、铬钼钛钢等特殊材料 Cast steel, stainless steel, Cr.Ni.Mo.Ti Steel, Cr.Mo.Ti Steel and ad hoc material
蝶板 Disc	铸钢、不锈钢、铬镍钼钛钢、铬钼钛钢等特殊材料 Cast steel, stainless steel, Cr.Ni.Mo.Ti Steel, Cr.Mo.Ti Steel and ad hoc material
密封圈 Sealing Ring	与阀体相同 Same as Body of Valve
阀杆 Stem	碳钢、2Cr13、不锈钢、铬镍钼钛钢 Carbon Steel, 2Cr13, Stainless Steel, Cr.Ni.Mo.Ti steel
填料 Packing	氟塑料、柔性石墨 Fluorine plastic, flexible graphite

蝶阀密封材料选用和适用温度 Butterfly Valve Seal Material Choice and Appropriate Temperature

材料品种 Material Variety	碳素钢 Cast Steel	低温碳钢 Cryogenic Cast Steel	合金钢 Alloy Steel		奥氏体不锈钢 Austenitic Stainless Steel	铬钼钢 Chrome- molybdenum Steel
代号 Code Name	WCB	LCB	WC6或orWC9	C5或orC12	铬Cr-18型type、304、316	12CrMoV
耐最高温度 Max. Enduring Temperature	425℃	345℃	595℃	650℃	600℃	560℃
耐最低温度 Min. Enduring Temperature	-29℃	-46℃	-29℃	-29℃	-196℃	-40℃
适用工作温度 Applicable Work Temperature	$\leq 425^\circ\text{C}$	$\leq 345^\circ\text{C}$	$\leq 595^\circ\text{C}$	$\leq 650^\circ\text{C}$	$\leq 600^\circ\text{C}$	$\leq 560^\circ\text{C}$

通风蝶阀 Aeration Butterfly Valve

DAGO



主要连接尺寸 Main Connection Dimensions

单位 Unit:mm

公称通径 Nominal Diameter (mm)		结构长度(标准值) Face to Face Dimension (Standard)		外形尺寸(参考值) External Dimension(Consult)				连接尺寸(标准值) Connection Dimension(Standard)					
mm	inch	L1	L2	H	H0	A	B	0.05MPa和0.25MPa			0.6MPa		
								D	D1	Z-φd	D	D1	Z-φd
50	2	108	108	70	418	250	225	140	110	4-14	140	110	4-14
65	2 1/2"	112	112	80	438	250	225	160	130	4-14	160	130	4-14
80	3	114	114	95	466	250	225	190	150	4-18	190	150	4-18
100	4	120	127	105	486	250	225	210	170	4-18	210	170	4-18
125	5	120	140	120	516	325	245	240	200	8-18	240	200	8-18
150	6	120	140	132	541	325	245	265	225	8-18	265	225	8-18
200	8	140	152	160	779	325	245	320	280	8-18	320	280	8-18
250	10	140	165	187	836	363	313	375	335	12-18	375	335	12-18
300	12	170	178	220	901	363	313	440	395	12-22	440	395	12-22
350	14	170	190	245	954	363	313	490	445	12-12	490	445	12-22
400	16	190	216	270	1003	363	313	540	495	16-22	540	495	16-22
450	18	190	222	297	1058	465	439	595	550	16-22	595	550	16-22
500	20	190	229	322	1111	546	556	645	600	20-22	645	600	20-22
600	24	210	267	377	1233	546	556	755	705	20-26	755	705	20-26
700	28	210	292	430	1338	546	556	860	810	24-26	860	810	24-26
800	32	210	318	487	1452	546	556	975	920	24-30	975	920	24-30
900	36	250	330	537	1588	632	706	1075	1020	24-30	1075	1020	24-30
1000	40	250	410	587	1689	632	706	1175	1120	28-30	1175	1120	28-30
1200	48	250	470	702	1938	632	706	1375	1320	32-30	1405	1340	32-33
1400	56	300	530	782	2670	790	1338	1575	1520	36-30	1630	1560	36-36
1600	64	300	600	895	2810	868	1476	1790	1730	40-30	1830	1760	40-36
1800	72	300	670	995	3020	868	1476	1990	1930	44-30	2045	1970	44-39
2000	80	300	760	1095	3220	965	1600	2190	2130	48-30	2265	2180	48-42