

防泄漏蝶阀

Leakproof Butterfly Valve

YODSN 永德信®



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应用 / Applications

- 卫生防漏蝶阀用于不锈钢管路系统，广泛用于食品、制药和精细化工业中大多数的流体过程应用。
- Sanitary leakproof stainless steel butterfly valves for pipeline system, widely used in food, pharmaceutical and fine chemical industry in most of the fluid process applications.

工作原理 / Operating Principles

- 该款防泄漏蝶阀提供了简易及安全的物料分离方式以便在密封圈损坏的情况下也能防止物料的意外混合。它最常用于隔离那些需要安全分离的物料以及单组 CIP 清洗（不是阀阵组件），或者在阀阵组件终端（例如 CIP 回程）或者 CIP 溶液输入到罐内（通过清洗球）。
- This leakproof butterfly valve provides a simple and safe way to separate materials under seal damaged can prevent accidental mixing of materials. It is most commonly used to isolate those materials that require security as well as a single set of separate CIP cleaning (not the valve array assembly), the valve array assembly or a terminal (e.g., the backhaul CIP) or CIP solution inlet to the tank (through the cleaning ball).



优点 / Advantages

- 独特的外观设计、拆卸方便。
- 碟版的独特设计密封性更好，若有泄漏的情况下可检查出泄漏并从排污口排出。
- 阀门有手动或气动可供选择，带智能控制器或接近开关。
- 进口的密封件有较强的耐酸、碱和耐高温的性能，永久压缩变形小。
- Unique design, easy removal.
- The unique design of the sealing disc version is better, if the case of leakage can check out the leak and discharged from the outfall.
- Manual or pneumatic valves to choose from, with intelligent controllers or proximity switches.
- Imported seals have a strong acid, alkali and high temperature performance, permanent deformation is small.

技术参数 / Technical Data

- 口径: DN25~100
- 最大产品压力: 1000 Kpa (10 bar)
- 最小产品压力: 真空
- 温度范围: -10~120°C (取决于橡胶)
- 控制气源压力: 4~800 Kpa (4 bar)
- Caliber: DN25~100
- Maximum product pressure: 1000 Kpa (10 bar)
- Minimum product pressure: Vacuum
- Temperature range: -10 ~ 120 °C (depending on the rubber)
- Control Air pressure: 4 ~ 800 Kpa (4 bar)

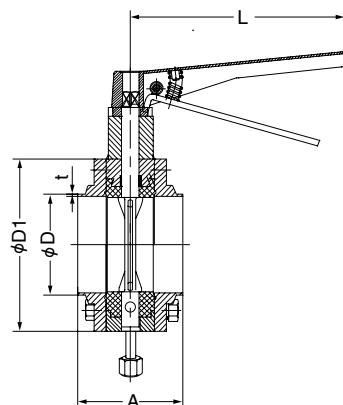
材料 / Materials

- 产品过流钢制部件: 304/316L
- 其他钢制部件: 304
- 产品过流密封件: EPDM (标配)
- 表面处理: 内表面处理 0.8um
外表面处理电解

- Product wetted steel parts: 304 / 316L
- Other steel parts: 304
- Product wetted seals: EPDM (standard)
- Finish: the surface treatment 0.8um
Surface treatment Electrolytic

防泄漏蝶阀

Leakproof Butterfly Valve

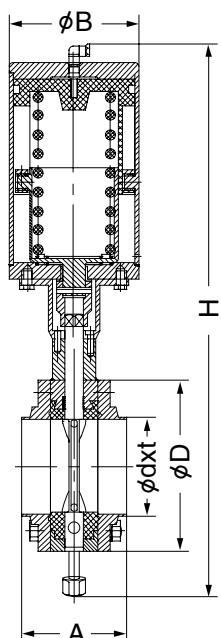


NO.1102001

手动防泄漏蝶阀

Manual leakproof butterfly valve

SIZE	D	D1	T	A	L
DN25	28	95	1.5	88	108
DN50	53	112	1.5	88	
DN65	70	129	2.0	93	
DN80	85	148	2.0	95	
DN100	104	168	2.0	98	



NO.1102002

气动防泄漏蝶阀

Pneumatic Anti-Leak Valve

SIZE	Φd × t	D	A	H	B
DN25	28 × 1.5	95	88	373	86
DN50	52 × 1.5	112	88	403	
DN65	70 × 2.0	129	93	424	
DN80	85 × 2.0	148	95	483	
DN100	104 × 2.0	168	98	505	

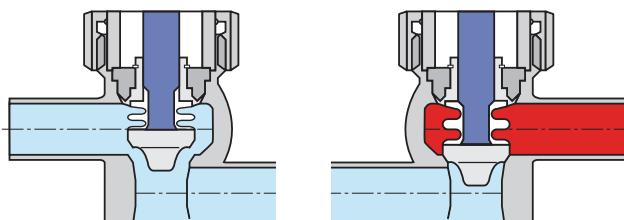
无菌截止阀 Asepsis Globe valve

概述 / Overview

- 该系列无菌截止阀是一种气动控制的阀门，配备了PTFE波纹或金属波纹，以确保高度的密封性，防止产品受到外界的污染，确保工艺流程的无菌化。适用于生物制药、化妆品和食品行业的无菌要求的场合。
- This series asepsis globe valve is a pneumatic control valves, equipped with PTFE bellow or metal bellow, in order to ensure a high degree of sealing to prevent the products from outside pollution and to ensure sterile process-oriented. Applicable to biological pharmaceutical, cosmetical and food-industrial fields with sterile requirements

工作原理 / Working Principles

- 特殊密封结构的PTFE波纹或金属波纹的阀芯在执行器的操作下伸缩，使阀门在无菌工况下打开或关闭。由于采用特殊的材质，即使在做了许多次SIP杀菌后，阀门紧密性也不受影响。光滑的波纹表面，便于SIP杀菌处理，特殊的密封结构，避免了阀门的卫生死角。
- Why the valve can open or close steriley is due to the retractable actuator which controls the special sealing structure of the PTFE corrugated or corrugated metal spool. As a result of a special material, even if doing many times of SIP sterilization, the valve's tightness is also not affected. Smooth corrugated surface makes it easy to do SIP sterilization treatment, and special sealing structure is convenient to clean the valve's dead corner.



无菌截止阀安装
Asepsis glove valve installation



阀体
Body

阀芯
Valve seal

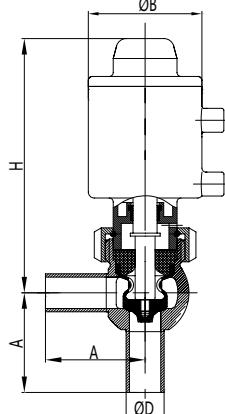
无菌截止阀

Asepsis Globe Valve

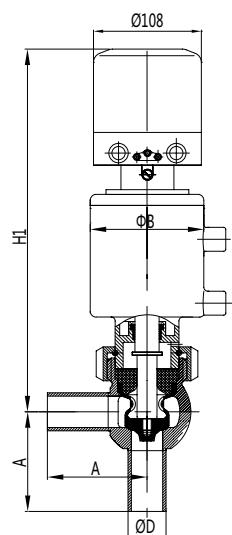
- 无菌截止阀的关键部件是改性的PTFE制造的截止阀芯，它除了可以抵抗各种化学介质的腐蚀之外，其材料还满足了FDA联邦法规第21条 § 177.1550关于“全氟碳化物树脂”的要求。
- 其光滑的表面 ($Ra \leq 0.8\text{mm}$)、可靠的密封、较大的开关运动距离等这些特性特征，对于最佳的CIP/SIP消毒清洁都是非常有利的。
- The key component of asepsis globe valve is modified PTFE bellow, which can resist the corrosion of various chemical mediators and the material also meets FDA CFR Item21 § 177.1550 on “perfluorocarbon-based Resins” requirements.
- The smooth surface ($Ra \leq 0.8\text{mm}$), reliable sealing and large switching movement distance, these features are very favorable for the best CIP / SIP disinfection and cleaning.

技术参数 / Technical Data

- 口径: DN10~50
- 最大产品压力: 500 Kpa (8 bar)
- 最小产品压力: 0 Kpa (0 bar)
- 温度范围: 连续工作温度 -20~135°C
- 控制气源压力: 4~8 bar
- Caliber: DN10~50
- Maximum product pressure: 500 Kpa (8 bar)
- Minimum product pressure: 0 Kpa (0 bar)
- Temperature range:
continuous operating temperature -20 ~ 135 °C
- Control Air pressure: 4 ~ 8 bar



气动型
Pneumatic type
NO.1103001



智能气动型
Intelligent pneumatic type
NO.1103002

可选配的位置反馈装置
Optional position feedback device



宝德 8631 反馈指示器
BURKERT 8631
feedback indicator



位置传感器
Position Sensor

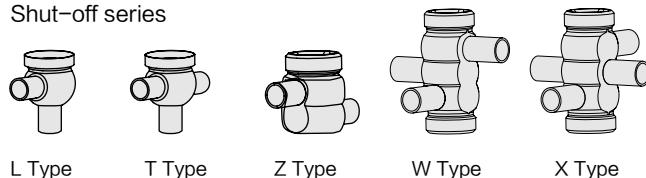
材料 / Materials

- 产品过流钢制部件: 316L
- 其他钢制部件: 304
- 产品过流密封件: PTFE
- 表面处理: 内表面处理 $Ra \leq 0.8\mu\text{m}$
外表面处理 $Ra \leq 1.6\mu\text{m}$
- Product wetted steel parts: 316L
- Other steel parts: 304
- Product wetted seals: PTFE
- Finish: the surface treatment 0.8um
Surface treatment $\leq 1.6\mu\text{m}$

结构形式 / Body Type

换向式
Change over series

截止式
Shut-off series



L Type T Type Z Type W Type X Type

SIZE	DIN						
	DN10	DN15	DN20	DN25	DN32	DN40	DN50
ΦD	12*1.5	18*1.5	22*1.5	28*1.5	34*1.5	40*1.5	52*1.5
H	92	121.5	142.6	145.6	182.3	185.2	223
H1	-	-	213	216	253	256	295
B	35	50	60	60	80	80	95
A	45	57	70	70	86	86	102

SIZE	INCH				
	1/2"	3/4"	1"	1½"	2"
ΦD	12.7*1.5	19.05*1.5	25.4*1.5	38.1*1.5	50.8*1.5
(其余参数同上)					