

# 德森流体控制（中国）有限公司

DESN Flow Control (China) Co.,Ltd.



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# 关于德森

## About DESN

## Brief Introduction for China Factory

DESN, 总部位于**德国不莱梅**, 自2008年进入中国以来, DESN在中国市场取得了令人瞩目的业绩。

DESN, headquartered in **Bremen, Germany**, has made remarkable achievements in the Chinese market since its entry into China in 2008.



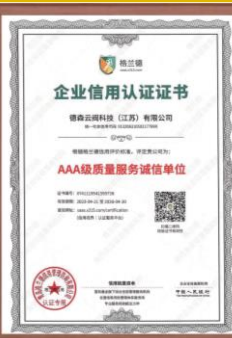
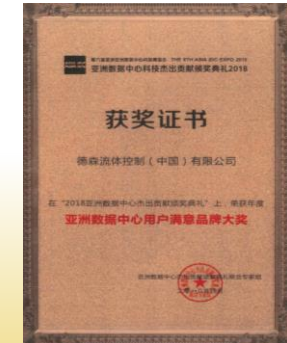
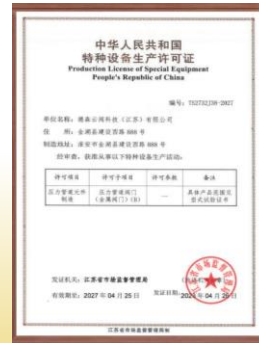
为更好地服务于亚太业务, 2012年在江苏设立合资工厂——**德森云阀科技 (江苏) 有限公司**, 其负责研发、设计和制造适应亚太市场应用的产品。

In order to supply better service to customers in Asia-Pacific, DESN built a joint venture factory “**Desn Cloud Valve Technology (Jiangsu) Co.,Ltd**” in 2012. The plant is responsible for research, design and manufacture for DESN products in China.

# 公司资质文件



## Company Certificate



Part 02

产品介绍  
Product introduction

## Application area

### 清水

#### Clean water

- Water Extraction Including Seawater Desalination
- Water Treatment
- Water Transport
- Irrigation
- Special Applications Water
- 取水包括海水淡化
- 水处理
- 灌溉
- 特殊水处理



### 污水

#### Waste water

- Communal Waste Water Transport
- Communal Waste Water Treatment
- Rain/Storm Water Pumping Station
- Industrial Waste Water
- 公共事业废水输送
- 公共事业污水处理
- 雨水（暴雨）泵站
- 工业废水



### 工业

#### Industries

- General Processes
- Special Processes
- Hot water/Heat Transfer
- Chemical/Petrochemical Industry
- Oil/Gas
- Marine /Ship Engineering
- 通用流程
- 特殊流程
- 热水/热媒介
- 化工/石化
- 石油/天然气
- 船舶工程



### 数据机房

#### Internet data center

- Air-conditioning
- Fire Protection
- Water cooling
- 空调
- 消防
- 水冷



### 楼宇

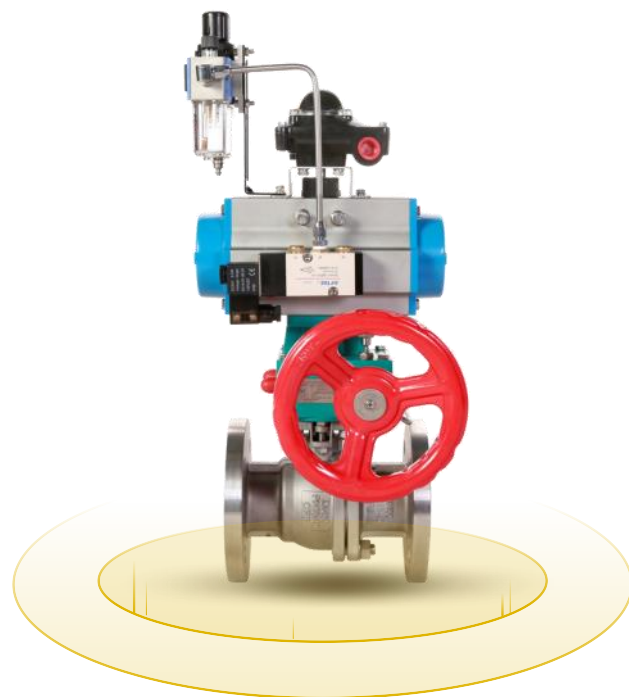
#### Building service

- Air-conditioning
- Fire Protection
- Heating
- Pressure Boosting
- Drainage
- Block Heating Station
- Sewage Lifting Units
- Swimming Pools
- Rain Water Re-use
- 空调
- 消防
- 供暖
- 增压
- 排水
- 区域供热站
- 污水管道提升
- 泳池
- 雨水回收



# 工业系统 气动阀门

## Industrial System AIR Valves





## Factory Products



## “Smart+Quality” Manufacturing



1	执行德国GSK标准	Implementing German GSK Standards
2	全球最大的涂料生产商 阿克苏诺贝尔	Our power supplier - Akzo Nobel (the largest paint manufacturer)
3	国际领先的执行机构 英国ROTORK涡轮箱	Our gearbox supplier ROTORK (a leading international actuator manufacturer)
4	创新技术--在线修复功能	Innovation Technology--online repair function
5	整体轴杆无销式花键链接	Integral shaft pin-less spline link
6	汉升公司进口橡胶确保卓越 密封性能	Rubber Supplier-Escort (excellent sealing performance)
7	本地化的研发中心和严格 完善的研发测试平台	Localized R&D center and strict testing platform
8	无毒害无污染 耐腐蚀耐冲击	Non-toxic and pollution-free corrosion & impact-resistant

Originating from German manufacturing processes and testing methods

## 涂层工艺

- 有别于传统的溶剂型涂料，DESN使用的涂料为干粉状
- 有别于从前传统方法通过火焰喷涂和预热涂装，DESN采用先进的环氧树脂静电喷涂
- 将粉末喷涂于涂装物表面，在经200度左右的烘箱烘烤流平固化



## Coating process

- The coating used in DESN products is dry powder, which is different from the traditional solvent-based coating.
- DESN adopts advanced epoxy resin electrostatic spraying, which is different from the traditional method of flame spraying and preheating.
- The powder is sprayed on the surface of the coating of the product, and is baked, leveled and cured in an oven at a temperature of about 200 degrees.

Originating from German manufacturing processes and testing methods

## 工艺特点

- 无毒害，无污染，与阀体高粘接性能，表面光泽，流平均匀，耐腐蚀耐冲击



## Process characteristics

- It has high bonding performance with the valve body, surface gloss, uniform leveling, corrosion resistance, impact resistance, non-toxic and pollution-free characteristics.



## Innovation

### 创新优势 / Innovation advantage

操作简单  
Convenient Operation



在线不停水  
Online Repair



节省时间  
Time Saving



### 修复步骤 / Repair steps

要将阀门打到关闭状态  
Turn the valve to the closed state



保持阀门前后端的压力平衡  
Keep the pressure balance between the front and rear ends of the valve



预留修复孔注入修复材料  
等2-6小时的凝固时间  
After the repair material is injected into the reserved repair hole, wait for 2-6 hours for agglomeration



双偏心在线修补蝶阀

Double-eccentric on-line repair butterfly valve

## Innovation

### Seat Arrangement:



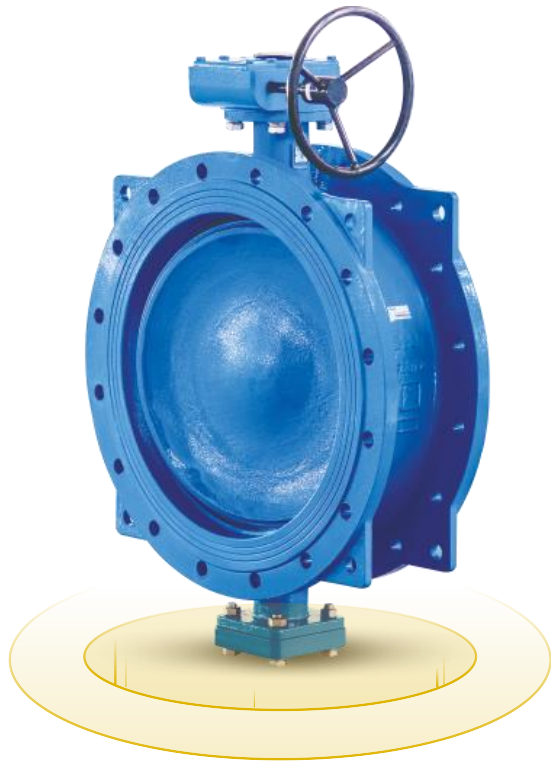
### 修复过程

- 1、修复时只须关闭阀门，并保持阀门前后端压力一致，就可开始修复
- 2、设计预留的修复孔，修复时将修复合成材料从此孔注入，等大约2-6小时，材料与密封橡胶合成并凝固后，即可完成密封面的修复

### Repair process

1. The repair can be started only by closing the valve and keeping the pressure at the front and rear ends of the valve consistent.
2. With the reserved repair hole, the repair synthetic material is injected into the hole during repair, and the sealing surface repair can be completed after the material and the sealing rubber are synthesized and solidified for about 2-6 hours.

## Benefit



### ➤ 更安全

DESN在线修复蝶阀可以使系统运行更稳定，即使阀门橡胶出现损坏，也可以实现不停水修复

### ➤ Safer

Even if the valve rubber is damaged, it can be repaired without stopping water! DESN online repair butterfly valve can make the system run more stable!

### ➤ 更高效

DESN双偏心蝶阀密封性能更好，蝶板可以不用不锈钢

### ➤ More efficient

The sealing performance of DESN double eccentric butterfly valve is better, and the disc material can be stainless steel or others.

## Benefit

### ➤ 更节能 / More energy efficient

DESN过滤器使系统流速更顺畅，双偏心蝶阀水阻更小，更节能

The DESN filter makes the system flow more smoothly, and the double eccentric butterfly valve has less water resistance. More energy efficient.

### ➤ 更保障 / More secure

DESN止回阀可以避免水锤产生，系统更安全

DESN check valve can avoid water hammer, and the system is safer!

### ➤ 更省心 / More worry free

DESN双偏心阀不仅可以用最省力的电动执行器，还可以提高阀门使用寿命

DESN double eccentric valve can not only use the most labor-saving electric actuator, but also improve the service life of the valve!





# DESN 双偏心阀门介绍



## DESN Double Eccentric Butterfly Valve Introduction



# DESN 双偏心蝶阀在线修复视频



DESN Double Eccentric Butterfly Valve On-line Repair Video

DESN蝶阀在线修复

## Silent Check Valve



### 产品特点:

- 轻蝶板，短行程和与工况完全匹配的弹簧组合确保了快速关阀（小于0.15s）有效消弱水锤
- 流线设计水头损失极低
- 金属阀座持久耐用，终身免维护
- 根据工况匹配弹簧，水损低，寿命长

### Product Features:

- Light butterfly plate, short stroke, and a spring combination perfectly matched to the operating conditions ensure rapid valve closure (less than-0.15s) and effectively mitigate water hammer.
- Streamlined design results in extremely low head loss.
- Metal seat is durable and maintenance-free throughout its lifetime.
- Springs matched to operating conditions for low water loss and long service life.



## Y-strainer

### 产品特性:

- 1、设计有足够的过滤网肚，过流量大
- 2、可拆阀盖采用自锁和分锁特性，确保一旦因为拆网时损坏阀体螺纹时可继续采用外部螺冒锁紧
- 3、不低于304的不锈钢网，可定依用户需求定制目数
- 4、高性能粉体喷涂，确保优越附着力，外观新颖

### Product Features:

1. Design large enough filter net, large overflow
2. Disassemblable valve covers with self-locking and split locking to ensure external screw plugs can lock tightly when the valve body thread is damaged during net removal.
3. Not less than 304 stainless steel net, and number of the net can be customized.
4. High-performance powder coating ensures superior adhesion and good appearance.

! 过滤器：一个被忽略的节能关键  
strainer: is easily ignored but a key to energy saving





更多产品，请联系销售或参考DESN产品样册

For more products, please contact sales staff or refer to DESN product brochure.

## 双偏心蝶阀



## DESN-静音止回阀



## DESN-Y型过滤器



Part 03

# 业绩案例

## Performance Cases

## China Project

## 楼宇业绩 | Building performance

成都会展中心 Chengdu Exhibition Center



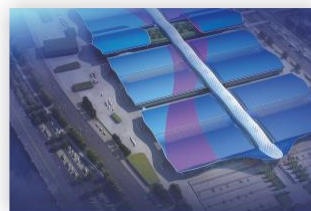
海南国际会展中心  
Hainan International Exhibition Center



前海冠泽金融中心  
Qianhai Guanze Financial Center



深圳汉国中心  
Shenzhen Hanguo Center



深圳新国际会展中心  
Shenzhen New International Exhibition Center



壹方中心  
Yifang Center



深圳中洲万豪酒店  
Shenzhen Zhongzhou Marriott Hotel



深圳湾生态科技园  
Shenzhen Bay Ecological Science Park



中航中心  
China Aviation Center



深圳湾创新科技广场  
Shenzhen Bay Innovation Technology Plaza



深圳华侨城  
Shenzhen Overseas Chinese town



深圳湾1号  
Shenzhen Bay No.1

# 整体解决方案 典型国内案例



## China Project

## 数据中心业绩 | Data center performance



内蒙移动呼和浩特基地  
Inner Mongolia Mobile Hohhot Base



奥飞数据-固安、南沙数据中线  
Aofei Data-Gu'an, Nansha Data Center



北京阿里巴巴金汉王数据中心  
Beijing Alibaba Jinhawang  
Data Center



佛山电信开普勒数据中心  
Foshan Telecom Kepler Data Center



北京盘古万国数据中心  
Beijing Pangu Wanguo  
Data Center



深圳梦网鞍山数据中心  
Shenzhen Monternet  
Anshan Data Center



广东电信云浮数据中心  
Guangdong Telecom Yunfu  
Data Center



天津联通数据中心  
Tianjin Unicom Data Center



名气通东莞数据中心  
Mingtong Dongguan Data Center



深圳招商证券数据中心  
Shenzhen China Merchants  
Securities Data Center





## Domestic Data Center Project Cases

- 盘古数据深圳横岗8、9号楼数据中心
- 名气通东莞数据中心
- 名气通大连数据中心
- 深圳科技园招商证券数据中心
- 世纪互联深圳科技园数据中心
- 世纪互联广州科学园数据中心
- 中兴通讯南京基地
- 天津联通、青岛联通数据中心
- 中国电信新疆数据中心
- 贵州花溪移动
- 深圳润讯坪山数据中心
- 深圳梦网鞍山数据中心
- 蓝讯科技北京天竺数据中心
- 北京亦庄天地翔云数据中心
- 北京蓝厅数据中心
- 中国电信广州德昇云谷数据中心
- 南通旗云数据中心
- 佛山开普勒数据中心
- 北京金汉王数据中心
- 广东云浮数据中心
- Pangu Data Shenzhen Henggang Building 8 and 9 Data Center
- TGT Dongguan Data Centre
- TGT Dalian Data Centre
- Data of China Merchants Securities in Shenzhen Technology Park
- 21Vianet Shenzhen Science Park Data Center
- 21Vianet Guangzhou Science Park Data Center
- ZTE's Nanjing Base
- Data center of Tianjin Unicom and Qingdao Unicom
- Xinjiang Data Center of China Telecom
- China Mobile Group Guizhou Co., Ltd. Huaxi Branch
- Shenzhen Runxun Pingshan Data Center
- Shenzhen Monternet Anshan Data Center
- Beijing Tianzhu Data Center of Lanxun Technology
- Beijing Yizhuang Tiandi Xiangyun Data Center
- Beijing Lanting Data Center
- China Telecom Guangzhou Desheng Yungu Data Center
- Qiyun Data Center of Nantong
- Foshan Kepler Data Center
- Beijing Jinhanwang Data Center
- Guangdong Yunfu Data Center

## Domestic Data Center Project Cases

- 中国电信内蒙古信息园数据中心
- 中国电信广西分公司柳州云计算数据中心
- 中国电信东盟国际数据中心 (广西南宁)
- 中国电信重庆公司云计算基地二期
- 珠海市横琴大数据中心
- 山东移动2022年淄博鲁中数据中心
- 中国移动
- (苏州) 汾湖数据中心一期
- 中国移动 (呼和浩特) 数据中心
- 中国移动广西来宾数据中心
- 云南联通保山云计算中心
- 湖南联通永州云计算中心
- 海南移动数据中心
- 五象云谷云计算中心(广西、南宁)
- 阿克苏大数据中心
- 深圳互盟南湾云产业园基地项目
- 超算云数据中心 (雄安)
- 深圳西丽中兴通讯
- 四川眉县华为云大数据中心
- 北京纵横网联酒仙桥云平台数据中心
- China Telecom Inner Mongolia Information Park Data Center
- China Telecom Guangxi Branch Liuzhou Cloud Computing Data Center
- China Telecom ASEAN International Data Center (Nanning, Guangxi)
- China Telecom Chongqing Branch Cloud Computing Base Phase II
- Zhuhai Hengqin Big Data Center
- Zibo Luzhong Data Center of Shandong Mobile in 2022
- China Mobile
- (Suzhou) Fenhu Data Center Phase I
- China Mobile (Hohhot) Data Center
- China Mobile's Guangxi Laibin Data Center
- Baoshan Cloud Computing Center of Yunnan Unicom
- Yongzhou Cloud Computing Center of Hunan Unicom
- Data Center of Hainan Mobile
- Wuxiang Cloud Valley Cloud Computing Center (Guangxi, Nanning)
- Aksu Big Data Center
- Shenzhen Humeng Nanwan Cloud Industry Park Base Project
- Supercomputing Cloud Data Center (Xiongan)
- Shenzhen Xili ZTE Communication
- Sichuan Meixian Huawei Cloud Big Data Center
- Beijing Zongheng Netcom Jiuxianqiao Cloud Platform Data Center

## Domestic Data Center Project Cases

- 东莞安华数据中心
- 柳州市大数据中心
- 西安城市节点机房数据中心
- 羿资南翔云数据中心二期
- 广东互盟5G数据中心
- 桂林苏桥数据中心
- 广西南宁数据中心
- 深圳证通智慧光明云数据中心
- 吉林移动数据中心
- 秦淮长三角金融信息数据处理技术 (南通)
- 环首都太行山能源信息技术产业基地-六期机房 (陕西大同)
- 深圳横岗11号楼IDC机房建设项目
- 奥飞数据广州南沙2#楼数据中心
- 奥飞数据固安聚龙5#数据中心
- 重庆同城双活数据中心
- 陕西商洛数据中心机电工程
- 甘肃电信
- 海门云谷数据中心 (江苏南通)
- ... ..
- Dongguan Anhua Data Center
- Liuzhou Big Data Center
- Xi'an City Node Computer Room Data Center
- Yizinan Xiangyun Data Center Phase II
- Guangdong Mutual Alliance 5G Data Center
- Guilin Suqiao Data Center
- Guangxi Nanning Data Center
- Shenzhen Zhengtong Wisdom Guangming Cloud Data Center
- Data Center of Jilin Mobile
- Financial Information Data Processing Technology of Qinhuai Yangtze River Delta (Nantong)
- Energy Information Technology Industrial Base around Taihang Mountain-Phase VI Computer Room (Datong, Shaanxi)
- Shenzhen Henggang Building 11 IDC Room Construction Project
- Aofei Data 2 # Building Data Center, Nansha Guangzhou
- Aofei Data Gu'an Julong 5 # Data Center
- Chongqing Tongcheng Double-active Data Center
- Shaanxi Shangluo Data Center Electromechanical Engineering
- Gansu Telecom Industry Co., Ltd
- Haimen Cloud Valley Data Center (Nantong, Jiangsu)
- ... ..

## China Project

## 工厂业绩 | Factory performance



富士康：兰考，太原，重庆，成都，  
广州，营口，天津，北京

Foxconn factories: Lankao, Taiyuan, Chongqing,  
Chengdu, Guangzhou, Yingkou, Tianjin, Beijing



维信诺（合肥）G6全柔AMOLED生产线项目

Visionox (Hefei) Flexible AMOLED  
Production Line Project



深圳迈瑞医药光明生产基地

Shenzhen Mindray Pharmaceutical  
Guangming Production Base



厦门士兰明镓电子

Xiamen Shilanming Gallium  
Electronics



广州富士康 TFT LCD 生产厂房

Guangzhou Foxconn TFT and LCD Production Plant



西安奕斯伟硅片

Xi'an Yisiwei Silicon Wafer

## Europe Project



Kellogg's食品厂  
Kellogg's Food Factory



Mondelez大厦  
Mondelez Tower



不莱梅州立银行  
State Bank of Bremen



巴黎会议大厦  
Paris conference building



Breddorf保健品工厂  
Breddorf Health Products Factory



BASF化工厂  
BASF Chemicals



不莱梅奔驰汽车厂  
Mercedes Benz factory in Bremen



翠西特里-圣Irmgardis医院  
St. Irmgardis Hospital, Tri.



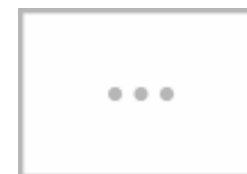
Erlangen办公楼  
Erlangen Office Building



不莱梅皇家大饭店  
Bremen Royal Hotel



巴登茨维坤纳老人疗养院  
Baden Zwiener nursing home for  
the elderly



# 全球合作伙伴

## Global Partners



## Global Partners



A joint company of ThyssenKrupp and EADS



AN EADS COMPANY



CHOCOLATIER



德森流体控制（中国）有限公司

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# Thanks!

## 时刻为您着想!



德森流体控制（中国）有限公司

DESN Flow Control (China) Co.,Ltd

[www.desnvalve.com](http://www.desnvalve.com)