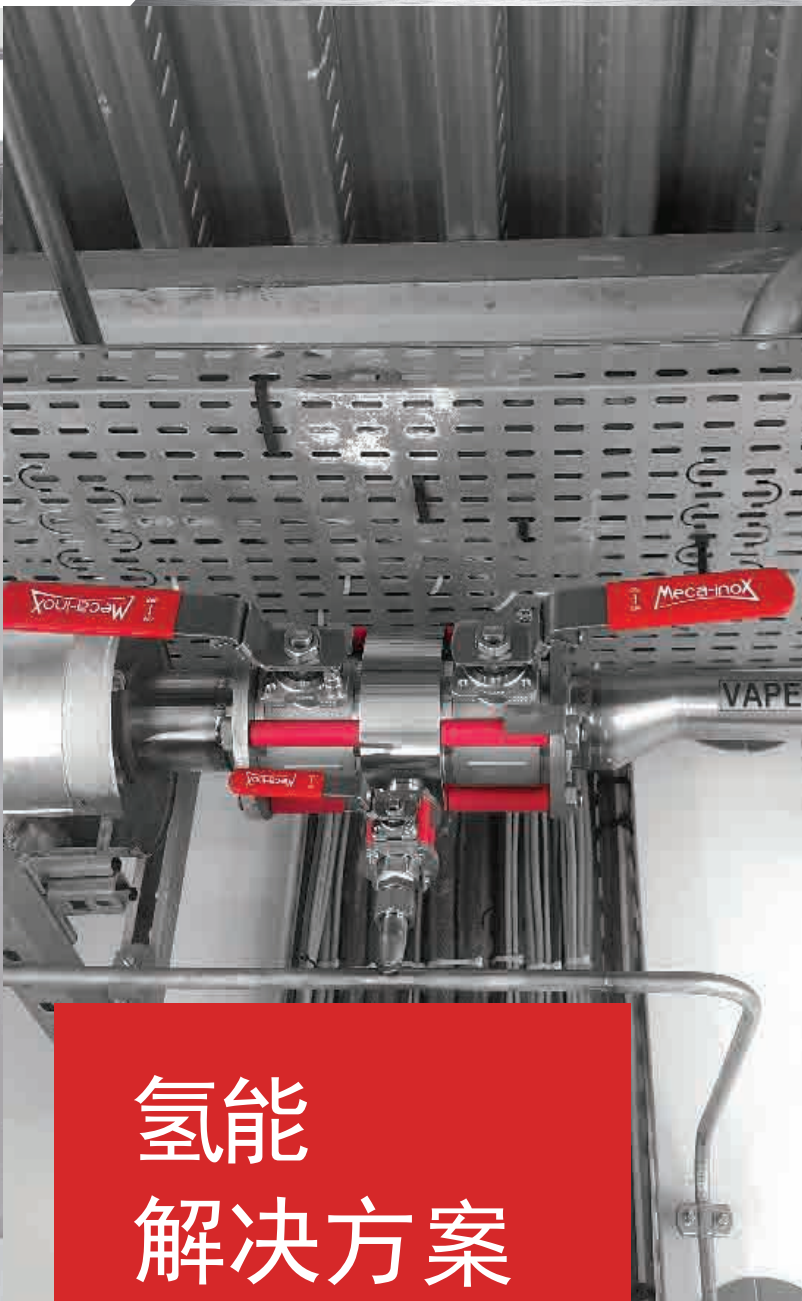




CN/EN-2026



氢能 解决方案

Hydrogen Energy Solutions

meca-inox.com.cn

美嘉诺阀门 (MECA-INOX) 成立于法国 (1955年), 产品服务于精细化工、腐蚀性流体、低温气体、食品和制药等行业。依托**专利球阀技术、密封专业能力和高洁净制造工艺**, 美嘉诺为氢能的生产、储运及应用提供端到端解决方案, 有效应对**泄漏、氢脆及超低温**等关键挑战。欧洲与中国的**双制造基地**确保了全球供应与支持。

Founded in France (1955), MECA-INOX supplies , corrosive fluids, cryogenic gases, food, and pharma. It leverages **patented ball-valve tech, sealing expertise, and clean manufacturing** to provide end-to-end hydrogen solutions for production, storage,transport, and use, **tackling leakage, embrittlement, and ultra-low temps**. Dual bases in Europe and China ensure global supply and support.

设计、生产和测试, 符合国际**性能、清洁和质量标准**。
Design, production and test all in compliance with **International Standard for Performance, Cleaning & Quality**.



强度&密封性/Strength & Tightness

EN 12266-1, ISO 5208,
ISO15848-1 (2006)

氢泄漏检测达到“Class B”级标准
“Class B Helium fugitive emission”



功能性测试/Functionnall Test

EN 12266-1, EN 1626
BS6364

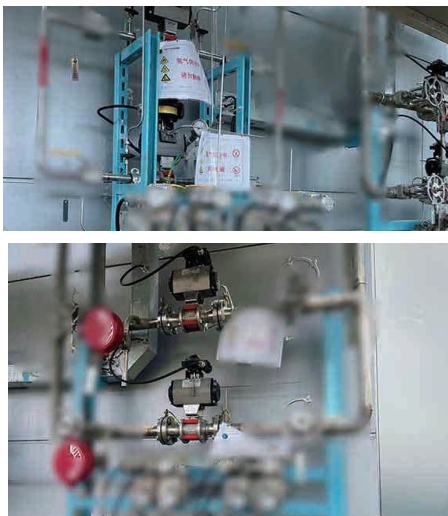
(可定制/On Demand)



清洁/ Cleaning

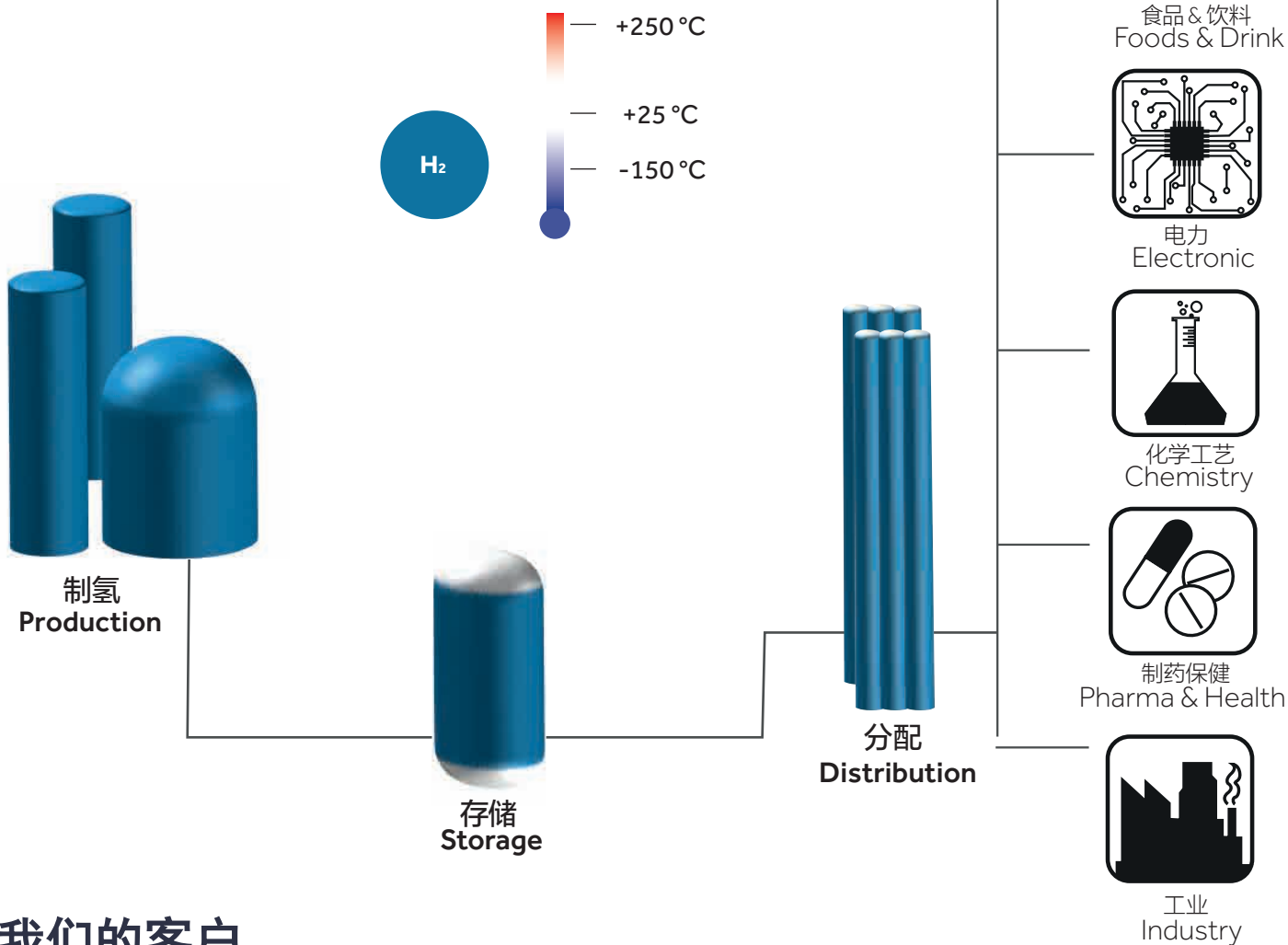
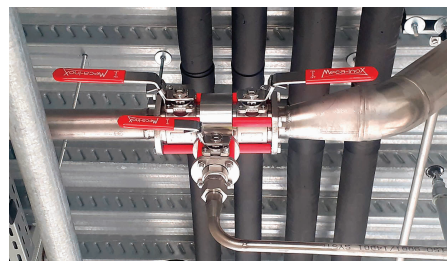
EN 12300

(<50mg/m² 碳氢化合物/Hydrocarbon)



应用领域

APPLICATIONS



我们的客户 Our Customers

Air Liquide | Air Products | BOC | Carbagas | CHART Group | Chemet-GLI
Linde | Messer | OMSP Macola | Praxair | Worthington Aritas
Cryostar | ...

可提供用于手动操作的其他配件
Other accessories for manual
operation available

可提供其他类型的连接端。可混合使用。
Other type of end connections available. Mix possible.

气动和电动执行器
Pneumatic and
electrical actuation

限位开关和电磁阀
Limit switch
boxes and
solenoid valves

- DN08 到 DN200管道尺寸
- 全通径和缩径
- 压力等级 PN25 到PN150
- 功能性符合EN1626 @ -50°C标准
- 经CE1935认证的全接触式/
多点接触式传感器 -196°C到121°C
- 符合 EN12300 标准

- Pipes DN08 to DN200
- Full bore and reduced bore
- Pressure class PN25 to PN150
- Functional EN1626 @ -50°C
Certified CE 1935 total/
multi-contact -50°C to 121°C
- Acc. to EN12300

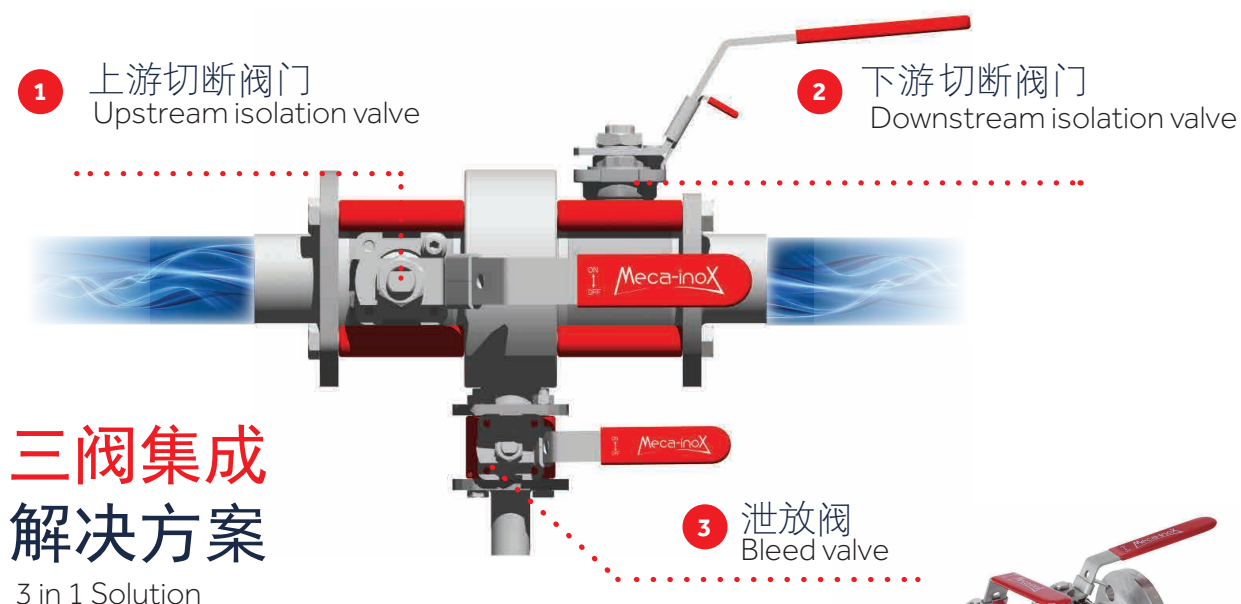
- 开度 30°或 60° V 型球阀
V-ball 30° or 60°
- 三通阀门, L 型或 T 型
3-way version, L bore or T bore



- ✔ 球体上的上游泄压孔，用于在关闭位置泄压
- ✔ 高性能密封性 $<10^{-7}$ mbar/l.s⁻¹ (氦气)

- ✓ Upstream relief hole in ball for pressure relief in closed position
- ✓ Tightness $< 10^{-7}$ mbar/l.s⁻¹ (Helium)

PS4双锁泄放阀 DBB

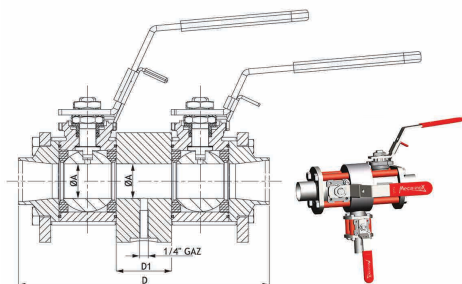


- DN08 到 DN150 管道尺寸
- 压力等级: PN25-PN100
- 双重隔离系统及排放装置
确保操作人员和设备的安全
- 腐蚀性流体和危险流体(PS4) & 蒸汽和高温流体(PZ4)
- 可定制化材质:
316L, 304L, 904L, Alloy C22, 碳钢。
- 可提供多种不锈钢连接端接
(对焊、螺纹、法兰...)

- Pipes DN08 to DN150
- PN 25-PN100
- Dual isolation and discharge system
for operator and equipment safety.
- Corrosive fluids and hazardous fluids(PS4)& steam and high-temperature fluids.
- Customizable materials
316L, 304L, 904L, Alloy C22, carbon steel
- Any stainless steel end connection
available(BW,SW,FLanged...)

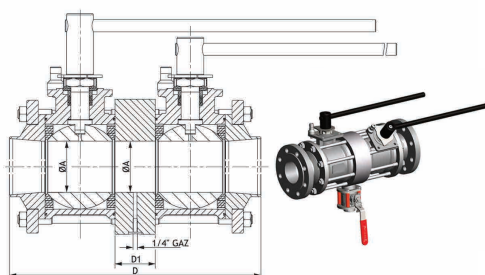
工作温度 **-50°C ~ 190°C**
Service temp.

DN 15 - 50 | Size 1/2" to 2"



尺寸及连接端类型
根据客户需求

DN 65 - 100 | Size 2 1/2" to 4"



Dimensions & type of connection
according to customer needs

DN Size	ØA	D	D1
15	1/2"	14	124.4
20	3/4"	19	151.6
25	1"	25	181.4
32	1 1/4"	32	198.2
40	1 1/2"	38	213.8
50	2"	50	281
65	2 1/2"	64	324
80	3"	76	374
100	4"	100	415

HP4

中高压氢气解决方案

Medium and High Pressure H2 Application



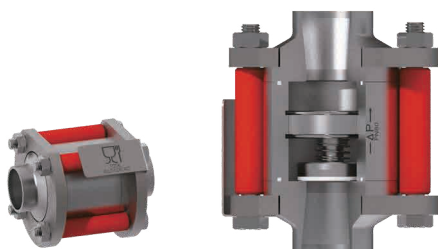
- DN15(DN10-DN100)
- 最高压力等级PN150
- 防飞出阀杆结构
- 独特的弹簧固定阀座，可补偿温压变化和阀座磨损
- V型上下层碟簧，带填料补偿功能
- 可提供多种不锈钢连端接（对焊、螺纹、法兰...）
- DN15(DN10-DN100)
- Max PN 150
- Anti-ejection valve stem structure
- Unique spring-fixed valve seat, capable of compensating for temp. and pressure changes and valve seat wear
- V-shaped upper and lower layer disc springs with packing compensation function
- Any stainless steel end connection available(BW,SW,FLanged...)

 工作温度 **-50°C ~ 190°C**
Service temp.

CL4

低温 & 非低温应用解决方案

Solutions for cryogenic & non cryogenic applications



- DN08到 DN65道尺寸
- 压力等级 PN80
- 可提供多种不锈钢连端接（对焊、螺纹、法兰...）
- 符合 EN12300 标准
- Pipes DN08 to DN65
- Pressure class PN80
- Any stainless steel end connection available(BW,SW,FLanged...)
- Meets EN 12300 standards

 工作温度 **-196°C ~ 190°C**
Service temp.

PY4 CY

低温应用解决方案

Solutions for cryogenic applications



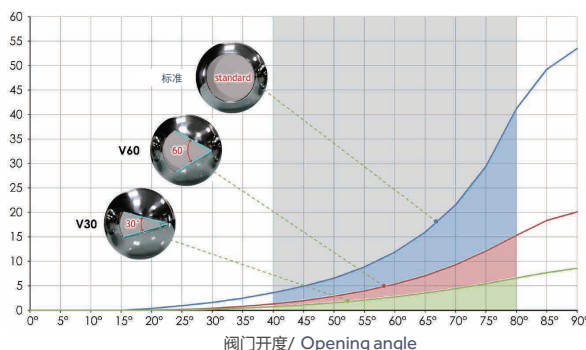
- DN08 到 DN150管道
 - 通径和缩径
 - PN25-PN100
 - 气动及电动执行器
 - 功能性符合EN1626@-196°C
 - 符合CE1935标准的备品备件
 - Pipes DN08 to DN65
 - Full bore & Reduced bore
 - Pressure class PN25 to PN100
 - Pneumatic & Electric Actuators
 - Functional EN1626
 - Certified CE 1935 spare parts
- 特殊设计
- 30°或60°的V型球阀
 - 三通版本，L型或T型
 - 防火版本符合ISO10497标准
- Special lines
- V-ball 30° or 60°
 - 3-way version, L bore or T bore
 - Fire safe version acc. to ISO10497

 工作温度 **-196°C ~ 190°C**
Service temp.

V 型阀门 / V Ball



- 可用作关断阀门
- "A Class" 符合EN12266-1标准
- 最多5秒的响应时间
- 设计压力: PN50-PN100
- 较低的维护成本
(与普通三片式阀门同样的密封件)
- Tight valve in close position,
- "A Class" EN12266-1
- Max 5 seconds
- Pressure class: PN50 to PN100
- Low maintenance cost
(same seals than standard 3 pieces valves)



换向阀 / Diverter

安全阀解决方案

Solutions for safety valves



- DN15到DN50管道尺寸
- 三通, L型或T型
- 用于2个或4个安全阀安装
- Pipes DN15 to DN50
- 3-way, L bore or T bore
- For 2x1 or 2x2 safety valves

工作温度 **-50°C ~ 190°C**
Service temp.

紧急切断阀 / Fireblock

紧急切断解决方案

Solutions for emergency shut down

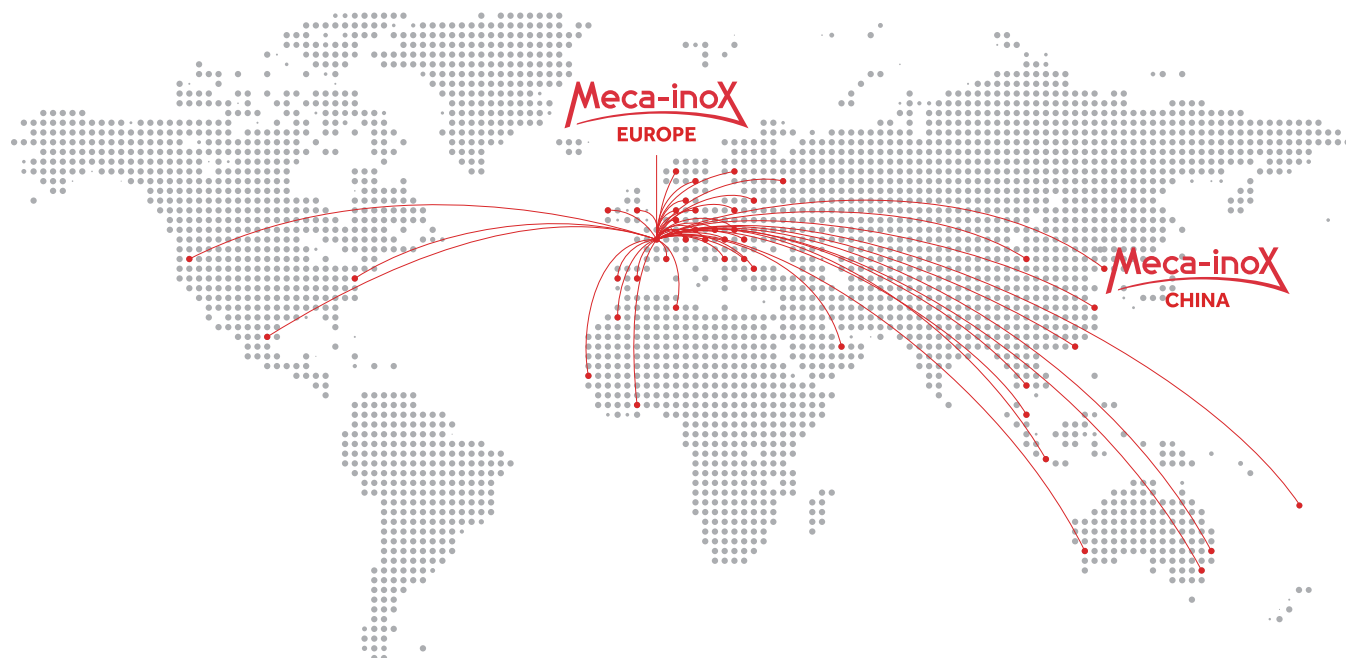


- DN20 到 DN50管道尺寸
- 通径或缩径
- 压力等级 PN50 到 PN70
- 工作压力 ΔP 40 bar
- 轨道自动焊或对焊接
- 发生火灾时紧急切断 (保险丝)
- Pipes DN20 to DN50
- Full bore or reduced bore
- Pressure class PN50 to PN100
- Service ΔP 40 bar
- Orbital ends or nipple ends
- Emergency shut-off in case of fire (fuse)

工作温度 **-196°C ~ 190°C**
Service temp.



TÜVRheinland
CERT
ISO 9001



国际化项目的领先企业

Your reference for large-scale international projects

自1955年以来，美嘉诺作为欧洲高品质球阀的代表型企业，专注于精细化工，制药和化妆品，低温液体，食品饮料等行业，每年15万套球阀的生产能力让超过300万套球阀遍布全球。

Since 1955, MECA-INOX has manufactured ball valves and is a European leading signature for high quality ball valves dedicated to Chemistry Pharma & Cosmetic, Cryogenic fluids, Food & Beverage and Industry with more than 3 million valves installed all over the world and 150 000 ball valves yearly production.

凭借先进的不锈钢和碳钢球阀生产技术，我们已经开发出一整套全面球阀解决方案，并在可靠性，密封性以及适用性等方面得到了来自各国客户的广泛认可。利用高品质原材料以及我们特有的设计生产技术，我们的产品完全可以满足您最严苛的工艺要求。

Expert in stainless steel and carbon steel ball valves technology. we have developed over the years a complete products offer internationally recognized for its reliability performance, and flexibility of use. Combining high quality materials and our specific knowhow of design and manufacturing, our products meet the most stringent requirements.

基于法国和中国的生产基地，我们的团队可以为您提供全方位的支持服务，我们全球性的分销体系也可以随时为您提供最优质的球阀和设备，来满足国际性项目的需求。

From our industrial sites of Gisors (France) and Dalian (China), our teams can support you anywhere in the world. Our network of distributors provide an optimal availability of our valves and equipment for your international projects.

3,000,000

阀门安装
在 150 个国家

valves installed
in 150 countries

.....

150,000

年阀门生产量

valves produced
per year

.....

100

分销机构及其
库存

official stocking
distributors

美嘉诺中国

中国大连经济技术开发区淮河西路30-1、2号
No.30-1、2, Huaihe West Road, Dalian Development
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高品质阀门

BALL VALVES MADE IN FRANCE

来自法国 服务全球
WORLDWIDE AVAILABLE