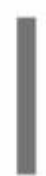




UNIVERSAL VALVE
SERIES



山东沪工阀门制造股份有限公司
SHANDONG HUGONG VALVE MANUFACTURING CO., LTD

**GENERAL VALVE SAMPLE
BOOK**
通用阀门样册

MASTER THE CORE OF
INDUSTRIAL FLUID TECHNOLOGY
掌握工业流体科技核心

HUG[®] 沪工阀门

使命与文化

企业在价值观方面为客户创造价值，为员工创造机会，在管理方面强化以质量定生存，以科技促发展，把企业愿景设立为建制造业航母，创行业之先锋，真正务实有效的按认真、专业、责任的企业精神打造一支强而有力的企业之本，企业在文化方面，坚持以人为本，用户至上的发展思路，强化企业社会责任意识，力争将企业打造成为流体控制专家、员工之家、用户之家。

服务与未来

面向全球市场，我们将打造智能化生产重要基地，通过智能管理系统及物联网思维实现全自动化生产管控，再结合行业的特殊性，打造出山东省首个阀门数字化工厂。未来我们会在国际市场建立更多的战略合作伙伴，布局美国、意大利、俄罗斯、伊朗设立销售网点及技术服务中心，实现迅速的服务响应时间，能及时解决用户所需提供强有力的保障。用我们创新技术继续为顾客提供更满意的全套工业流体阀门解决方案，坚持以人为本、以人才构筑企业基石、以科技推动企业的发展，广阔的个人发展空间、完善的培训机制，让每一位员工得以进步和提高。运用自己的智慧和力量，谱写阀门制造工业的华美篇章。

Mission and Culture

In terms of values, enterprises create value for customers and opportunities for employees. In terms of management, they strengthen the survival based on quality and promote development through technology. They establish their corporate vision as building a manufacturing aircraft carrier and becoming a pioneer in the industry. They are truly pragmatic and effective in building a strong and powerful enterprise based on the spirit of seriousness, professionalism, and responsibility. In terms of culture, the enterprise adheres to the development concept of people-oriented and customer-oriented, strengthens its sense of social responsibility, and strives to become a fluid control expert, employee's home, and user's home.

Service and Future

Facing the global market, we will build an important intelligent production base, achieve fully automated production control through intelligent management systems and IoT thinking, and combine with the particularity of the industry to create the first valve digital factory in Shandong Province. In the future, we will establish more strategic partners in the international market, set up sales outlets and technical service centers in the United States, Italy, Russia, and Iran, achieve rapid service response time, and provide strong support for timely resolution of user needs. We will continue to provide customers with a more satisfactory complete set of industrial fluid valve solutions using our innovative technology. We adhere to the principle of people-oriented, talent based construction of enterprise foundation, and technology driven development of enterprises. With broad personal development space and a sound training mechanism, every employee can make progress and improvement. Using one's own wisdom and strength, compose a magnificent chapter in the valve manufacturing industry.

目录 CONTENTS

企业篇 Enterprise Section

001-002	企业简介	Company Profile
003-006	资质证书	Honorary Qualifications
007-008	工艺流程	Manufacturing Process
009-010	应用领域	Production Workshop
011-012	营销网络	Cooperative Partner

产品篇 Product section

013-014	球阀系列	Company Profile
015-016	蝶阀系列	Honorary Qualifications
017-018	闸阀系列	Manufacturing Process
019-020	截止阀系列	Production Workshop
021-022	止回阀/过滤器系列	Cooperative Partner
023-024	丝扣阀门系列	Cooperative Partner

参数篇 Parameter Section

025-029	阀门选型指南	Valve Selection Guide
030	球阀系列	Ball Valve Series
031-033	美标法兰浮动球阀	API Flange Floating Ball Valve
034	日标球阀	JIS Ball valve
035-036	二片式德标高平台法兰球阀	2-PC Ball Valve Flange End DIN Direct Mounting Pad
037-044	Q47F/Y/H型固定式球阀	Q47F/Y/H Fixed Ball Valve
045-048	锻钢球阀	Forged Steel Ball Valve
049-051	国标浮动球阀	GB Floating Ball Valve
052	闸阀系列	Gate Valve Series
053-054	美标闸阀	API Gate Valve
055	日标闸阀	JIS Gate valve
056-057	俄标闸阀	GOST Gate valve
058-061	国标法兰闸阀	GB Flange Gate Valve
062	截止阀系列	Globe Valve Series
063-064	美标截止阀	API Globe Valve
065	日标截止阀	JIS Globe valve
066-067	俄标截止阀	GOST Globe valve
068-071	国标截止阀	GB Globe Valve
072	止回阀系列	Check Valve Series
073-075	美标旋启式止回阀	API Swing Check Valve
076	日标旋启式止回阀	JIS Swing Check Valve
077-078	俄标旋启式止回阀	GOST Swing Check Valve
079-081	国标旋启式止回阀	GB Swing Check Valve
082-083	国标升降式止回阀	GB Lifting Check Valve
084	国标立式止回阀	GB Vertical Check Valve
085	锻钢阀系列	Forged Steel Valve Series
086	阀门订货号	Valve Order Number
087	内螺纹与承插焊闸阀	Internal Thread And Socket Welding Gate Valve
088	锻钢法兰闸阀	Forged Steel Flange Gate Valve
089	内螺纹与承插焊截止阀	Internal Thread And Socket Welding Globe Valve
090	法兰与对焊截止阀	Flange And Butt Welded Globe Valve
091	内螺纹与承插焊止回阀	Internal Thread And Socket Welding Check Valve
092	法兰与对焊止回阀	Flange And Butt Welded Check Valve
093	其他阀门系列	Other valve series
094-095	不锈钢法兰三通球阀	Stainless Steel Flange Three-way Ball Valve
096-097	全焊接球阀	Fully Welded Ball Valve
099-101	DZ41H/Y/F低温闸阀	DZ41H/Y/F Low-temperature Gate Valve
102	DJ41F-16/40P低温截止阀	DJ41F-16/40P Low-temperature Globe Valve
103	DH41F-40P低温止回阀	DH41F-40P Low-temperature Check Valve
104	过滤器系列	Filter Series
105	美标Y型过滤器	API Y-type Filter
106	日标Y型过滤器	JIS Y-type Filter
107	国标Y型过滤器	GB Y-type Filter
109	T型过滤器	T-type Filter
110-117	法兰参数对照表	Flange Parameter Comparison Table
118	材质化学成分表	Material Chemical Composition Table
119	钢制常用铸件(钢件)化学成分和力学性能	Chemical Composition And Mechanical Properties Of Commonly Used Steel Castings (steel Parts)
120	09中外主要奥氏体不锈钢对照表	09 Chinese And Foreign Main Austenitic Stainless Steel Comparison Table
121-122	售后服务和质量保证承诺	After-sales Service Quality Assurance Commitment

COMPANY PROFILE

企业简介

山东沪工阀门制造股份有限公司座落于举世闻名的世界风筝之都--山东潍坊，是一家集生产、销售服务于一体的现代化专业阀门公司。本公司是一家具有十多年历史的大型阀门公司，是全国最主要和最大的闸阀、截止阀、球阀、蝶阀、水力控制阀等通用阀门供应商之一，山东名牌产品称号。在石油、化工、冶金、电力、建筑、热力、供水等行业具有很高的知名度及影响力。产品一直供不应求，畅销国内外市场。

山东沪工阀门于2009年成功转制。此后的山东沪工阀门全面推行现代企业管理制度，本着“以科技为先导，以优质树品牌，以客户满意为目标”的方针，加大研发力度，调整产品结构，优化生产组织，凭借严密完整的质保体系和良好的综合管理体系以及多年的阀门经营经验，从事高科技含量的阀门新产品研发。本公司制造厂拥有数控机床、大型立式车床等加工设备、热加工设备、检验设备和辅助设备等。测试设备有射线探伤仪、磁粉探伤仪、深冷处理设备、直读光谱分析仪、材料化学分析仪等；试压设备有液压、气压实验设备等。此外，公司汇集了多名资深技术研发人员及经验丰富的管理人员。生产设备精良，生产工艺先进，设计经验丰富，技术力量雄厚，确保了每一件产品都符合有关设计检验标准。

公司主要产品：闸阀、截止阀、止回阀、球阀、蝶阀、旋塞阀、针型阀及各种特殊阀门；

产品材料：碳钢、不锈钢、合金钢和其它特种材料等；

其中主要材料：WCB、WCC、WC6、WC9、LCB、CF3、CF3M、CF8、CF8M、CF8C、A105、F5、F11、F22、LF2、F51、F304、F304L、F316、F317、F347、F21、M30C、MONEL400、MONEL K500、HASTELLOYC4等；

压力等级：150LB~2500LB、PN1.0~42MPa；

温度：高温850℃~低温-196℃；

口径：3/8~72、3mm~4200mm；

驱动方式：手动、齿轮转动、电动、气动、液动；

采用标准：API、ANSI、ISO、BS、JIS、DIN、NF、GB、JS、HG、SH；

本公司所生产的阀门广泛应用于全国的石化、石油、化工、电站、冶金、造纸、医药、军工等行业，产品质量受到客户的一致好评。





Shandong Hugong Valve Manufacturing Co., Ltd. is located in Weifang, Shandong, the world-renowned kite capital of the world. It is a modern professional valve company that integrates production, sales, and services. Our company is a large valve company with over ten years of history, and is one of the main and largest suppliers of general valves such as gate valves, globe valves, ball valves, butterfly valves, hydraulic control valves, etc. in China. It is also known as the Shandong Famous Brand Product. It has a high reputation and influence in industries such as petroleum, chemical, metallurgy, electricity, construction, heating, and water supply. The product has always been in short supply and sold well in both domestic and international markets.

Shandong Hugong Valve was successfully transformed in 2009. Subsequently, Shandong Hugong Valve fully implemented modern enterprise management system, adhering to the policy of "technology as the guide, high-quality brand building, and customer satisfaction as the goal", increased research and development efforts, adjusted product structure, optimized production organization, and engaged in high-tech valve new product research and development with a rigorous and complete quality assurance system, a good comprehensive management system, and years of valve operation experience. Our manufacturing plant has processing equipment such as CNC machine tools, large vertical lathes, thermal processing equipment, inspection equipment, and auxiliary equipment. The testing equipment includes X-ray flaw detector, magnetic particle flaw detector, cryogenic treatment equipment, direct reading spectrometer, material chemistry analyzer, etc; Pressure testing equipment includes hydraulic and pneumatic testing equipment. In addition, the company has gathered several senior technical R&D personnel and experienced management personnel. Excellent production equipment, advanced production technology, rich design experience, and strong technical strength ensure that every product meets relevant design inspection standards.

The company's main products include gate valves, globe valves, check valves, ball valves, butterfly valves, plug valves, needle valves, and various special valves;

Product materials: carbon steel, stainless steel, alloy steel, and other special materials, etc;

The main materials include:

WCB, WCC, WC6, WC9, LCB, CF3, CF3M, CF8, CF8M, CF8C, A105, F5, F11, F22, LF2, F51, F304, F304L, F316, F317, F347, F21, M30C, MONEL K500, HASTELLOYC4 Wait;

Pressure level: 150LB~2500LB PN1.0~42MPa;

Temperature: High temperature 850 °C~Low temperature -196 °C;

Caliber: 3/8~72, 3mm~4200mm;

Drive modes: manual, gear rotation, electric, pneumatic, hydraulic;

Adopting standards: API, ANSI, ISO, BS, JIS, DIN, NF, GB, JS, HG, SH;

The valves produced by our company are widely used in industries such as petrochemicals, petroleum, chemical, power plants, metallurgy, papermaking, pharmaceuticals, and military industries across the country, and our product quality has received unanimous praise from customers.



QUALIFICATION CERTIFICATE

资质证书





企业荣誉

诚信口碑 匠心打造
多年来

企业秉承“诚信、品质、服务”的经营理念
已顺利通过多项国内及国际认证
并获得多项专利认证
得到社会各界认可
给企业未来发展创造更多机遇!

Enterprise honor

Honesty and reputation, crafted with craftsmanship
these years

The enterprise adheres to the business philosophy of "integrity, quality, and service"
Successfully passed multiple domestic and international certifications
And obtained multiple patent certifications
Recognized by all sectors of society
Create more opportunities for the future development of enterprises!





TECHNOLOGICAL PROCESS

工艺流程



铸造工艺 CASTING PROCESS



PAY ATTENTION TO DETAILS AND STRIVE FOR EXCELLENCE

注重细节 精益求精

样块光谱分析
Spectral analysis

5



阀体壁厚测试
Valve wall thickness test

6



力学性能试验
Mechanical performance test

7



抛丸
Blasting

8



12

压力测试
Stress testing



11

装配
Assemble



10

加工过程检验
Process Inspection



9

精加工
Fine machining

为确保毛坯质量，我们还设有自己的
铸件厂，从原料生产到成品出库都要有效管控每一个过程

To ensure the quality of the raw materials, we also have our own
Casting factories must effectively control every process from raw material production to finished product delivery

融化
Melt

08

开炉
Blow-on

09

振壳
Vibrating shell

10

切割
Slicing

11

抛丸
Blasting

12

打磨
Polish

13

钝化
Passivation

14

铸件成品
Finished castings

15

APPLICATION AREA

应用领域

沪工阀门群策群力 竭力服务于各行各业，是您值得信赖的合作伙伴

广大的忠实客户是企业发展的基石

“诚实、守信、开拓、进取”是企业的经营理念

致力于绿色家园的可持续发展

与客户共同进步是我们追求的目标!

Hugong Valve Group strives to serve various industries with collective wisdom and effort, and is your trusted partner

A large number of loyal customers are the cornerstone of enterprise development

Honesty, trustworthiness, exploration, and progress are the business philosophy of the enterprise

Committed to the sustainable development of green homes

Our goal is to progress together with our customers!



ELECTRICITY
电力



PETROLEUM
建筑



PAPERMAKING
造纸



石油
OIL



制药
PHARMACY



电力
ELECTRICITY



冶金
METALLURGY



建筑
BUILDING



天然气
NATURAL GAS



水处理
WATER TREATMENT



造纸
PAPERMAKING



CHEMICAL INDUSTRY
化工

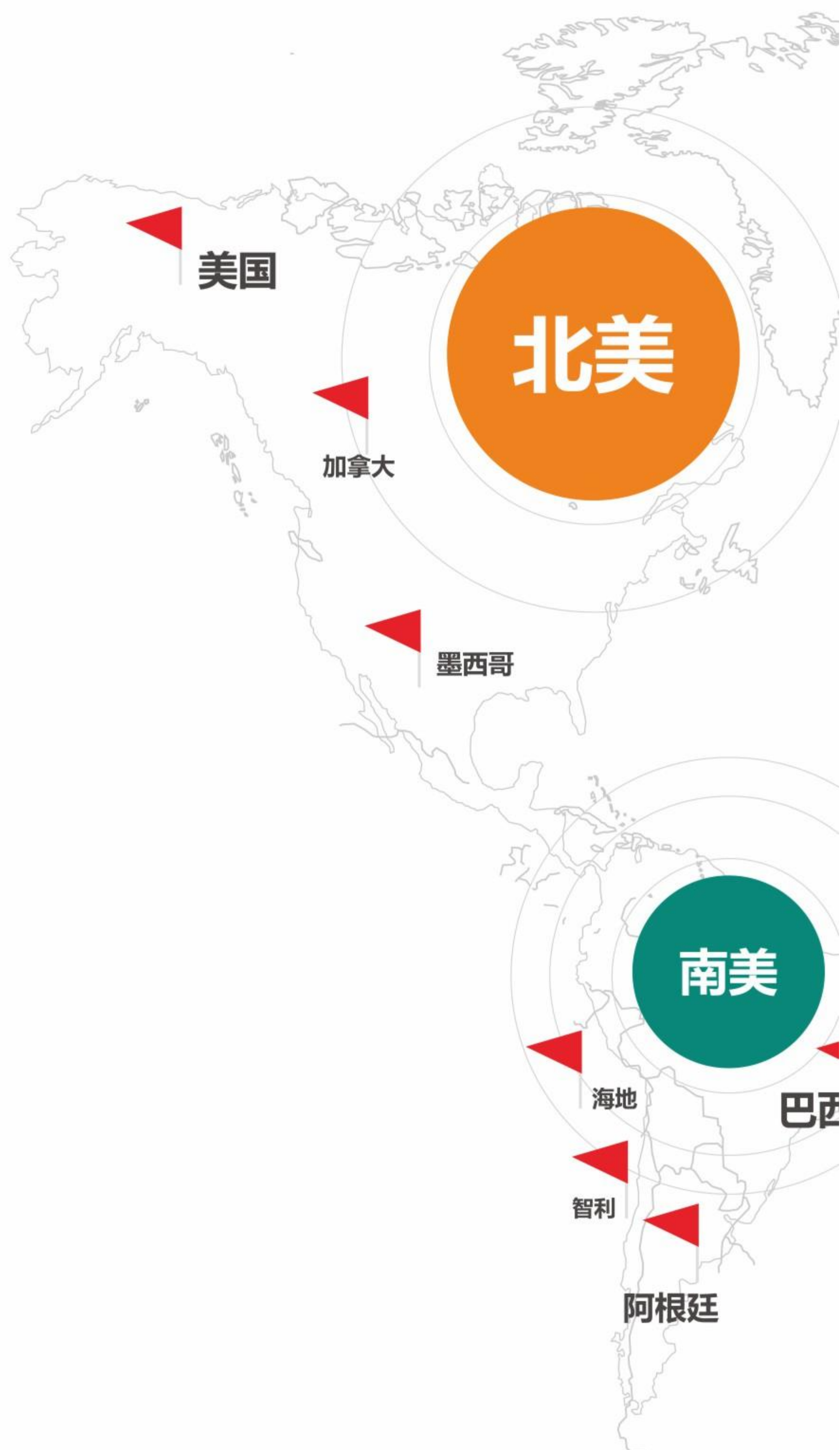


PETROLEUM
石油

MARKETING NETWORK

营销网络

CASE AND CUSTOMER
AND GLOBAL STRATEGY
全球战略



01

掌握核心技术

Mastering core technology

02

一站式的服务

One stop service

03

超越客户期望

Exceeding customer expectations

04

创造最佳实践

Creating Best Practices



与全球接轨

CONNECTION WITH THE WORLD

产品远销美国，德国，意大利，新加坡，加拿大，墨西哥，日本，韩国，马来西亚，印度尼西亚，南非，巴西以及中东等国际市场。

立足中国，走向全球，凭借优良的技术和完善的服务，沪工正以昂然的步伐走向全球各地。

The products are exported to international markets such as the United States, Germany, Italy, Singapore, Canada, Mexico, Japan, South Korea, Malaysia, Indonesia, South Africa, Brazil, and the Middle East.

Based in China and expanding globally, with excellent technology and comprehensive services, Shanghai Engineering Group is confidently moving towards various parts of the world.

01

GLOBE VALVE SERIES

球阀系列



固定式法兰球阀
Fixed flanged ball valve



全焊接球阀
Fully welded ball valve



国标法兰球阀
GB flange ball valve



硬密封球阀
Hard seal ball valve



美标法兰球阀
API Flanged ball valves



日标法兰球阀
JIS Flanged ball valves



美标法兰球阀
API Flanged ball valves



美标球阀
API ball valve



铸钢球阀
Cast steel ball valve



铸钢球阀
Cast steel ball valve



国标高平台法兰球阀
National standard
High platform flanged ball valve



美标高平台法兰球阀
Q41f-150lb american standard
High platform flanged ball valve



三通高平台法兰球阀
Q44/45f-16p three-way high
Platform flange ball valve



高平台薄型球阀
High platform thin ball valve



低温球阀
Cryogenic ball valve



氧气专用球阀
Oxygen dedicated ball valve



三通球阀
Three-way ball valve



三片式高压球阀
Three-piece high-pressure ball valve



固定式法兰球阀
Fixed flange ball valve



一体式高温球阀
Integrated high temperature ball valve



对夹式薄型球阀
Wafer thin ball valve



保温夹套球阀
Insulation jacket ball valve



放料球阀
Discharge ball valve

02

BUTTERFLY VALVE SERIES

蝶阀系列



蜗轮不锈钢蝶阀
Worm Gear Stainless Steel
Butterfly Valve



硬密封法兰蝶阀
Hard seal flange butterfly valve



硬密封对夹蝶阀
Hard seal wafer butterfly valve



手动法兰蝶阀
Worm gear flange butterfly valve



电动法兰蝶阀
Electric flange butterfly valve



气动对夹蝶阀
Pneumatic wafer butterfly valve



电动法兰蝶阀
Electric flange butterfly valve



电动法兰蝶阀
Electric flange butterfly valve



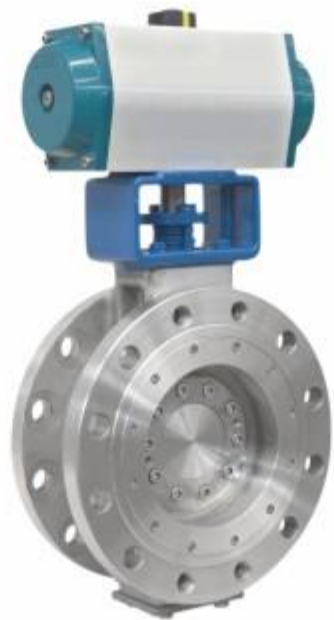
电动伸缩蝶阀
Electric telescopic butterfly valve



加长杆蝶阀
Extended stem butterfly valve



气动法兰蝶阀
Pneumatic flange butterfly valve



气动双向压蝶阀
Pneumatic two-way pressure butterfly valve



蜗轮焊接蝶阀
Worm gear welding butterfly valve



蜗轮法兰蝶阀
Worm Gear Flange Butterfly Valve



电动法兰蝶阀
Electric flange butterfly valve



蜗轮法兰蝶阀
Worm Gear Flange Butterfly Valve



法兰式多层次金属硬密封蝶阀
Flanged multi-level metal hard sealing butterfly valve



蜗轮双向压蝶阀
Worm Gear Bidirectional Pressure Butterfly Valve



蜗轮对夹蝶阀
Worm Gear Wafer Butterfly Valve



蜗轮对夹蝶阀
Worm Gear Wafer Butterfly Valve



对夹蝶阀
Wafer Butterfly Valve



蜗轮不锈钢蝶阀
Worm Gear Stainless Steel Butterfly Valve

03

GATE VALVE SERIES 闸阀系列



国标法兰闸阀
GB flange gate valve



美标法兰闸阀
API flanged gate valve



国标电动闸阀
GB electric gate valve



美标法兰闸阀
API Flange gate valve



美标法兰闸阀（铜）
API Flange gate valve (copper)



锁闭闸阀
lock gate valve



电站闸阀
Power station gate valve



国标闸阀
GB Gate Valve



美标闸阀
API Gate Valve



暗杆闸阀
Dark stem gate valve



焊接闸阀
Welded gate valve



低温闸阀
Low temperature gate valve



电动闸阀
Electric gate valve



铸钢电动闸阀
Cast steel electric gate valve



电动美标闸阀
Electric American Standard Gate Valve



保温闸阀
GB flange gate valve

04

GLOBE VALVE SERIES

截止阀系列



国标法兰截止阀
GB flange globe valve



国标法兰截止阀
National standard flange globe valve



国标法兰截止阀
National standard flange globe valve



对焊截止阀
Butt welding globe valve



Y型截止阀
Y type globe valve



美标法兰截止阀
Api flanged globe valve



美标法兰截止阀
Apiflanged globe valve



北京式法兰截止阀
Beijing Flanged Globe Valve



抗生素截止阀
Antibiotic shut-off valve



低温截止阀
Cryogenic globe valve



氨用截止阀
Ammonia globe valve



氧气截止阀
Oxygen shut-off valve



铸钢电动截止阀
Cast steel electric globe valve



气动截止阀
Pneumatic globe valve



保温截止阀
Insulation globe valve



波纹管截止阀
Bellows Globe Valve



平衡阀
Balance valve

05

CHECK VALVE FILTER SERIES

止回阀/过滤器系列



美标法兰止回阀
API Flange check valve



国标升降式止回阀
GB lift check valve



国标旋启式止回阀
GB swing check valve



国标立式止回阀
GB vertical check valve



美标止回阀
API Check Valve



对夹止回阀
Wafer check valve



对夹止回阀
Wafer check valve



焊接旋启式止回阀
Welded swing check valve



Y型过滤器
Y type filter



蓝式过滤器
Blue filter

06

THREADED BALL VALVE SERIES

丝扣阀门系列



三片式球阀
3PC ball valve



一片式球阀
1PC ball valve



二片式球阀
2PC ball valve



三片式对焊球阀
3PC butt welding ball valve



三片式高平台内螺纹球阀
3PC high platform female thread ball valve



三片式快装球阀
3PC quick-fit ball valve



内螺纹三通球阀
Internal thread three-way ball valve



三通高平台内螺纹球阀
Three-way high platform internal thread ball valve



三片式活接对焊式不锈钢球阀
Three-piece union butt welded stainless steel ball valve



丝扣闸阀
threaded gate valve



免维护闸阀
Maintenance-free gate valve



水暖闸阀
Plumbing gate valve



加长闸阀
Lengthened gate valve



异径丝扣闸阀
Reducing threaded gate valve



法兰闸阀
flange gate valve



磁性闸阀
Magnetic gate valve



防盗闸阀
Anti-theft gate valve



软闸阀
Soft gate valve



软闸阀
Soft gate valve



闸阀带止回阀
Gate valve with check valve



防盗闸阀
Anti-theft gate valve



磁性锁闸阀
magnetic lock gate valve



防盗闸阀带止回阀
anti-theft gate valve with check valve



磁性软闸阀
Magnetic soft gate valve



软密封闸阀
Soft sealing gate valve