



河南泉舜流体控制科技有限公司  
Henan Quanshun Flow Control Science & Technology Co., Ltd.

Add: 河南省郑州市高新技术开发区化工路28号  
No. 28 Huagong Road, High-tech Zone, Zhengzhou, Henan Province  
Tel: 86-371-55693192 55693186  
Web: www.qslk.cn Mail: hnqsjt@qslk.cn



## 双向金属 硬密封旋球阀

BI-DIRECTIONAL METAL SEALING ROTARY  
BALL VALVE



中国·郑州  
ZHENGZHOU, CHINA

泉舜流控 用心智造  
Quanshun Flow Control Wise manufacturing with mind



企业官网  
Official Web



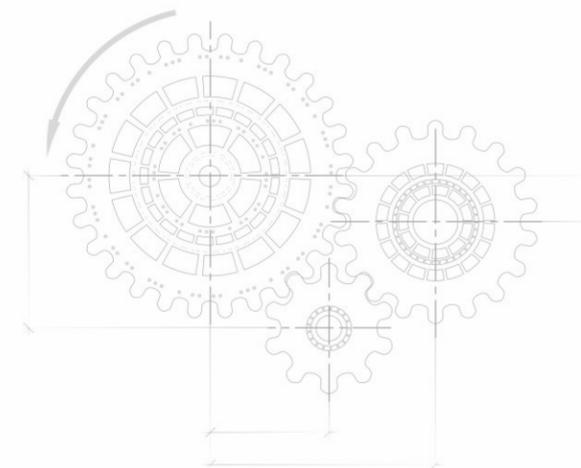
微信公众号  
Wechat Official Account



河南泉舜流体控制科技有限公司  
Henan Quanshun Flow Control Science & Technology Co., Ltd.

## Contents 目录

- 01 / 关于泉舜流控  
About us
- 03 / 产品概述  
Product description
- 05 / 产品特点  
Product features
- 09 / 型号意义说明  
How to order
- 11 / 技术性能参数  
Technical standard
- 12 / 主要设计制造标准  
Technical specification
- 13 / 主要结构及零部件材料  
Main structure and parts material
- 15 / 主要连接尺寸  
Dimensions for flange/welding type
- 19 / 售后服务及质量保证  
After-sales service and quality assurance
- 21 / 阀门应用  
Valve application
- 23 / 防伪查询  
Anti-counterfeiting



# CONTENTS

## About us 关于泉舜流控

Quanshun Flow Control Wise manufacturing with mind

泉舜流控  
用心智造



河南泉舜流体控制科技有限公司隶属泉舜集团，是一家集智能工业阀门研发、设计、铸造、制造、销售及服务于一体的全产业链高新技术企业。2005年成立，注册资金10008万元，三基地，省级企业技术中心、郑州高新区固定资产投资先进企业、经济突出贡献和高成长型国家高新技术企业，《偏心半球阀》、《城镇供热用双向金属硬密封蝶阀》、《保温夹套阀门》、《氧化铝专用料浆阀》、《V型球阀》、《水力控制阀》、《活塞式调流阀》、《旋球阀》等12项国家及行业标准核心起草单位，获得发明专利及国家实用新型专利近70项，“泉舜”牌阀门荣膺省优质名牌产品、节能产品、重点工业产品、河南省首台（套）重大技术装备产品、国家级专精特新“小巨人”企业、河南省科技小巨人培育企业等荣誉称号。

公司产品广泛成熟应用于石油化工行业、电力行业、钢铁行业、供热行业、冶金行业与煤化工等行业，为中石油、中石化、中海油、华电、大唐、中核、华润、国投、神华等企业合格供应商。累计服务集团客户3000余家，为家5000余项目提供了专业、可靠、安全的综合解决方案。

泉舜流控拥有40余年的专业沉淀，以“诚信待人，认真做事，团队协作，用心服务”为宗旨，凝聚了一大批具有丰富经验的中高级专业技术人才和大批经过专业技术培训的优秀的熟练员工，公司员工总数300余人，大中专以上科技型人员占到公司人员总数的80%以上，技术部门下设CAD设计室、研发中心和工艺室和MES生产管理系统。公司拥有A1级特种设备制造许可证（压力管道元件）、ISO质保体系认证、ISO15848低泄漏认证、CE、SIL安全认证、API 607、API 6FA防火认证、两化融合管理体系评定、知识产权管理体系认证、AAA级信用资质等多项国内外通行标准认证。拥有先进的三维建模分析、研发设计中心，加工中心、多功能阀门性能试验装置等大批精良机械加工和阀门工艺质量保障检测设备。

在阀门以国代进和节能减排方面进行重点投入，相继研发了双向金属密封旋球阀、双向全金属硬密封蝶阀、石油化工用高压球阀、矿浆耐磨球阀、快切盲板、抗结疤半球阀、针型调节阀、熔盐阀、水煤浆放料阀等一大批具有自主知识产权的阀门新品，受到了近二百多家国内外知名企业和重点工程项目的青睐。自主研发的第五代减温减压装置荣获国家级“节能减排”重点资金扶持推广项目，“双向金属密封旋球阀”获河南省科学技术成果，先后有5个系列产品被河南省科技厅认定为高新技术产品。

公司与赛鼎、华陆工程多家国内知名设计院，郑州大学、河南轻工业学院、华北水利水电大学等高等院校，万华化学、中石油、中石化等特大型企业深度合作，为客户提供流控设备产品研发及制造等技术方案。

2023年9月公司喜摘郑政高出〔2023〕6号地块，这片面积为33350平方米的智能阀门产业园将为公司的发展注入新的活力，为产业链的完善和升级贡献力量。

会拼敢赢的泉舜人正在全力铸就百年企业品牌，以卓越的产品质量和完美的服务来回馈社会各界对泉舜流控的厚爱和支持！

泉舜流体控制科技有限公司

泉舜流控 用心智造

## 泉心无限 实业无疆

The wider our mindset is, the further our product goes

Henan Quanshun Flow Control Science&Technology Co., Ltd. is a subsidiary of the Quanshun Group, a high-tech enterprise integrating the research and development, design, casting, manufacturing, sales, and service of intelligent industrial valves. Established in 2005 with a registered capital of 100.08 million yuan, the company operates three bases. It has been recognized as a provincial-level enterprise technology center, an advanced enterprise in fixed asset investment in Zhengzhou High-tech Zone, and an outstanding economic contributor. It is also a national high-tech enterprise with high growth potential. The company is the core drafting unit for eleven national and industry standards, including the 'Eccentric Semi-ball Valve,' 'Bidirectional Metal Hard Sealing Butterfly Valve for Urban Heating,' 'Insulation Jacket Valve,' 'Alumina Slurry Valve,' 'V-Ball Valve,' 'Hydraulic Control Valve,' 'Piston Flow Control Valve,' and 'Rotary Ball Valve.' The company holds nearly 70 patents, including invention patents and national utility model patents. The 'Quanshun' brand valves have earned various honors, such as provincial high-quality branded products, energy-saving products, key industrial products, Henan Province's first (set) major technical equipment products, "little giant" enterprises with high growth potential, advanced technology and strong market competitive edge, and Henan Province's "Small Giant" in technology filed.

The company's products are widely applied in industries such as petrochemical, power, steel, heating, metallurgy, and coal chemical engineering, serving as qualified suppliers for major companies like PetroChina, Sinopec, CNOOC, Huadian, Datang, China National Nuclear Corporation, China Resources, State Investment Corporation, and Shenhua Group. The company has provided professional, reliable, and safe integrated solutions to over 3,000 group clients and 5,000 projects.

Quanshun Flow Control has over 40 years of professional expertise. With the corporate philosophy of 'Integrity, Diligence, Teamwork, and Service,' the company has gathered a large team of senior and mid-level professionals, as well as numerous skilled workers trained in specialized technology. The company employs over 300 people, with more than 80% holding technical qualifications above the college level. The technical department includes a CAD design studio, research and development center, process room, and an MES production management system. The company holds various domestic and international certifications, including an A1-level special equipment manufacturing license (pressure pipeline components), ISO quality assurance system certification, ISO15848 low leakage certification, CE, SIL safety certification, API 607, API 6FA fire safety certification, integration of information and industrialization management system evaluation, intellectual property management system certification, and AAA-level credit qualification.

The company has invested heavily in valve products, which focusing on national standards and energy-saving and emission-reduction efforts. And we has developed several new valves with independent intellectual property rights, including the bidirectional metal-sealing rotary ball valve, bidirectional all-metal hard-sealing butterfly valve, quick action line blind, high-pressure ball valves for petrochemical applications, abrasion-resistant slurry ball valve, anti-scaling semi-ball valve, needle-type regulating valve, molten salt valve, and water coal slurry discharge valve. These products have been widely adopted by more than 200 well-known domestic and international enterprises and key engineering projects. The company's self-developed fifth-generation temperature and pressure reduction device has received national support for energy-saving and emission-reduction projects, and the 'Bidirectional Metal Sealing Rotary Ball Valve' has received recognition from the Henan Provincial Science and Technology Department as a technological achievement, which also acknowledge 5 series products as high-tech products.

The company collaborates closely with several well-known domestic design institutes, including SDE, Hualu Engineering, Zhengzhou University, Henan University of Light Industry, North China University of Water Resources and Electric Power, and large enterprises like Wanhua Chemical, PetroChina, and Sinopec. These partnerships provide clients with R&D and manufacturing solutions for flow control equipment.

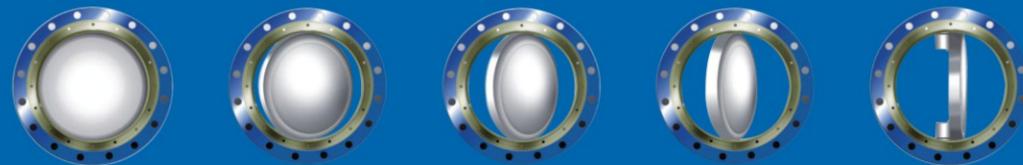
In September 2023, the company acquired the 33,350-square-meter plot of land in Zhengzhou, which will inject new vitality into the company's development and contribute to the improvement and upgrading of the industrial chain.

The dedicated and ambitious team at Quanshun is fully committed to building a century-old brand, delivering excellent product quality and perfect services in return for the support and trust from all sectors of society.

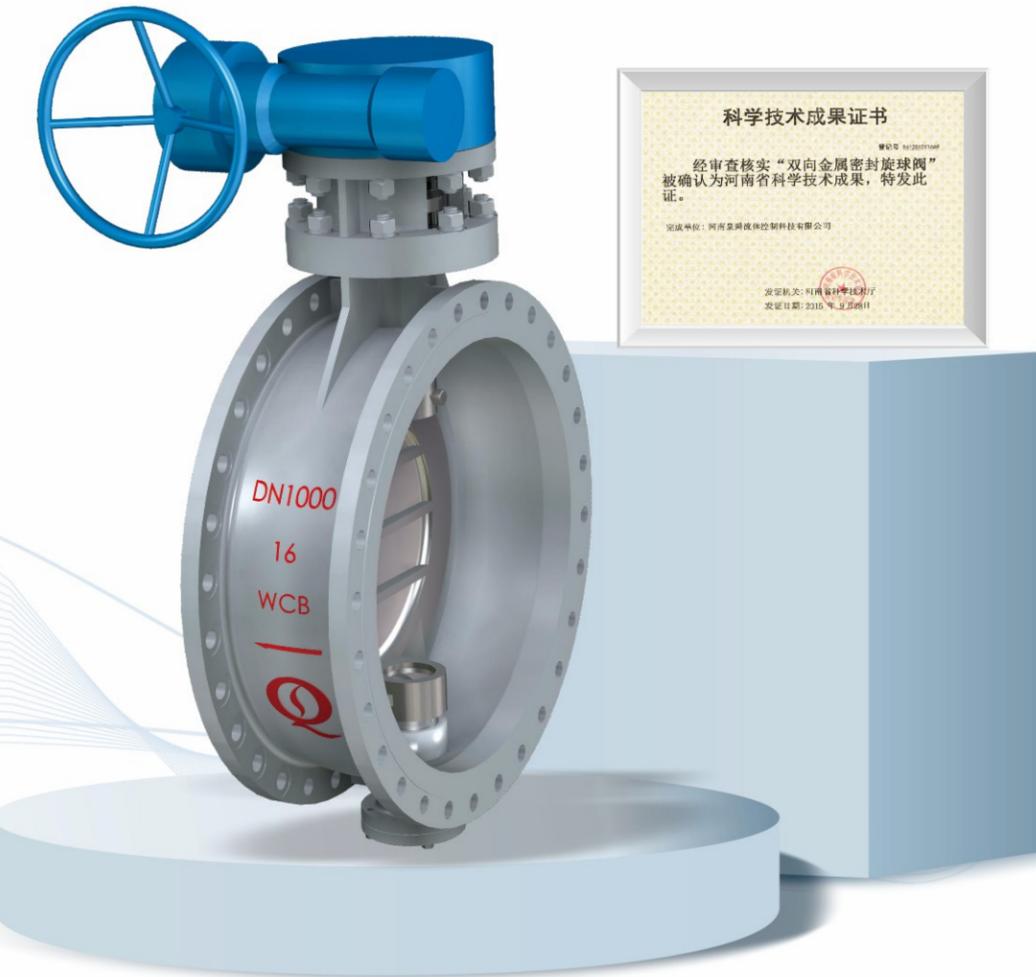
# Product description 产品概述

双向金属硬密封旋球阀是结合球阀的优越密封性能与蝶阀的结构优势性能研发而成的，其既具备球阀双向密封、寿命长的使用优势，又具备蝶阀体积小、可调节、重量轻的优势。密封原理结合了固定球阀的浮动密封与偏心蝶阀的强制密封，从而实现了高低压双向切断。在密封面上可运用等离子喷涂、堆焊等工艺形成不同材质、硬度的密封副。阀门能自动对正中心（自适应），自动越程补偿磨损，自动加以较高密封比压，瞬间关闭、瞬间打开，密封副间无摩擦。阀门打开时，阀芯投影不断内缩并后退；阀门关闭时，阀芯投影不断膨胀并前进，结构短，体积小，可实现大口径的制造。双向金属硬密封旋球阀具有双向密封、安装方便、运行可靠等特点，成为阀门行业的一次重大的技术革命。

Bi-directional metal sealing rotary ball valve is a combination of superior sealing performance of ball valve and advantage of butterfly valve in structure and properties. It not only has the advantage of double directional sealing, long life time of ball valve ,but also has the advantage of small size ,adjustable, light weight of butterfly valve. Its essence is a eccentric hemisphere valve with butterfly structure. Sealing principle, combined with the front-end sealing of fixed ball valve and forced sealing of eccentric butterfly valve, there by achieving the bi-directional cutting fluid no matter pressure is high or low. On the two sealing surface of valve, plasma spraying and surfacing process can be used to different hardness to form hard alloy .It can automatically align the center(self-adaption),automatically compensate for wear,automatically put in high hermetical pressure, and there is no friction between the seal when the valve instantly opening and closing .When opening the valve, the disc projection continuously retracts and goes backwards; when closing the valve, the disc projection continuously swells and moves forward. Its advantages of short structure and small volume allow for the possibility that valve with large size can be made. The valve has the features of double direction sealing, convenient installation, reliable operation, which has been a major technology revolution in the valve industry.



设计理念更先进、结构更科学、性价比更高  
More advanced & scientific in structure design cost-effective valve



我公司研制的双向金属硬密封旋球阀于2015年获得河南省科学技术成果证书  
The bi-directional metal sealing rotary ball valve developed by our company obtained the science and technology achievement certificate in 2015

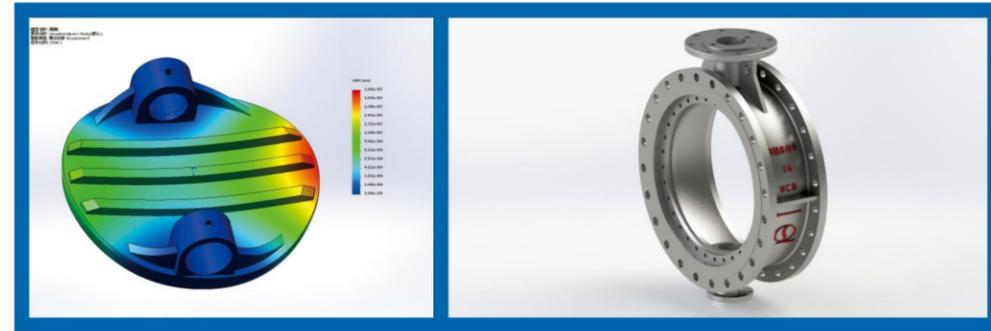
# Product features 产品特点

## 01 先进的设计理念和设计手段，成就高性能的双向金属硬密封旋球阀 Advanced design idea and design method make the perfect bi-directional sealing valve performance



我公司研发团队根据流体运动的数学模型伯努利方程、动量方程、连续性方程及能量守恒定律进行分析，采用三维软件设计阀门，并对阀体进行设计和优化，运用有限元分析软件对流体进行模拟流场分析，进行流道优化设计，流通性能力强。

According to the mathematical model of fluid motion Bernoulli equation, momentum equation, continuity equation and energy conservation law,QUANSHUN technical team analyse the imitative flow pattern by advanced software and optimize the valve body with 3D design software to make the valve have high performance. The design team applied ANSYS software to analyze the field and optimize the runner inside the valve body, make the valve flow capacity is more larger.



## 02 适用苛刻介质工况 Design for serious working condition

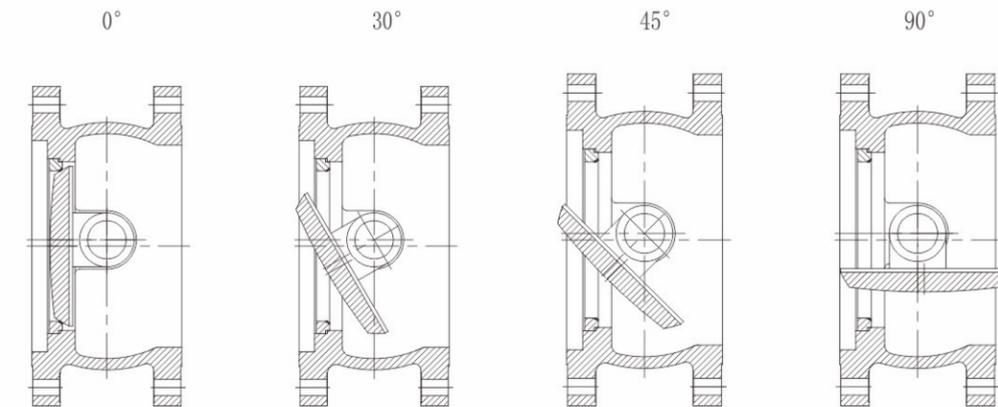


阀门结构采用偏心楔紧原理，通过传动机构达到楔紧、调节、关闭的目的，阀座密封面与阀瓣密封面均采用金属球面密封。关闭时阀瓣球面沿阀座渐进，具有剪切刮扫功能，有效地切除结垢障碍、刮扫固体颗粒，实现可靠密封。

旋球阀特别适用于含固体颗粒的介质输送，有效解决了内漏、寿命短等问题。

Since the eccentric structure and metal sealing of the rotating ball valve ,When the valve disc is closed, the good shear force between the valve disc and valve seat can effectively cut off the solid particles on the sealing surface of the valve disc, therefore, the rotating ball valve has a good function of self-cleaning and scale-resistance,so it suitable for the medium with particle .

It over come the shortage of inner leakage and short life time for general .



### 03 浮动阀座，双向密封，密封性能优越 Floating valve seat, bi-directional sealing function and sealing performance

双向金属硬密封旋球阀既能在正向压力时密封良好，也能在反向压力时密封良好，如图所示；当介质正向流动时，驱动装置施加在阀杆上的力，带动阀板，使阀板密封面产生强制密封力，作用在阀座密封面上，同时介质压力产生辅助密封力，使阀板密封面压紧阀座密封面形成良好密封；当介质反向流动时，在预紧力和介质的活塞效应作用力的共同推动下，使阀座密封面压向阀板密封面，形成浮动式密封。

The most important function of bi-directional metal sealing rotary ball valve is that it can seal well under positive pressure, moreover, it also have good sealing performance under reverse pressure or on the occasion that the reverse pressure is higher than the positive pressure, as the right picture showing. When positive pressure works, actuator rotates the disc through the valve stem, the forced sealing will be occurred. Good sealing performance is achieve as the reason of the forced sealing force and medium pressure. When reverse pressure works, as the valve seat is floating type, under the action of pre-tightening and piston effect force, seat sealing surface will move to the disc sealing surface and compress tightly to achieve good sealing performance.



正流向 Positive Pressure

反流向 Reverse Pressure

### 04 开关轻便，操作力矩小 Easy to operate, small operating torque, so actuator cost will be largely reduced

开启时阀芯与阀座脱离，接触时间短，启动扭矩小，转动灵活，有效解决了球阀、截止阀等操作力矩大等问题。

The valve spool is detached from the valve seat when opening, without any contact, with small starting torque and flexible rotation. It effectively solves the problems such as large operating torque of ball valve and globe valve.

### 05 结构长度短，安装方便，有效降低成本，经济效益显著 Short length, easy installation, effective cost reduction, significant economic benefits

旋球阀采用球阀的密封原理与蝶阀的结构长度，体积小、重量轻、所需安装空间小，有效降低使、安装维护成本。

Rotary ball valve adopts the sealing principle of ball valve and the structure length of butterfly valve, so the volume is small, light weight, and the installation space required is small, effectively reducing the cost of making, installing and maintaining.

### 06 耐磨材质设计 Wear-resisting material design

密封副采用多种耐磨材质相结合，均进行硬化处理，阀门抗冲刷，耐磨损，使用寿命更长。

The sealing pair adopts seal pair made from a combo material consisting of various wear-resisting material which have gone through hardness treatment. The material brings up advantages of being erosion resistant, abrasion resistant and having a long service life.

# How to order 型号意义说明



2	3	6	7	9
电液动 Electro-hydraulic	蜗轮蜗杆 Worm gear	气动 Pneumatic	液动 Hydraulic	电动 Electric

驱动方式  
Drive mode

4	6	7
法兰 Flange	对焊 Butt weld	对夹 Wafer

连接形式  
Connection type

H	Y
不锈钢 Stainless steel	硬质合金 Cemented carbide

密封面材料  
Sealing surface material

C	P	PL	R	RL
WCB	CF8	CF3	CF8M	CF3M

阀体材料  
Body material

## Technical standard 技术性能参数

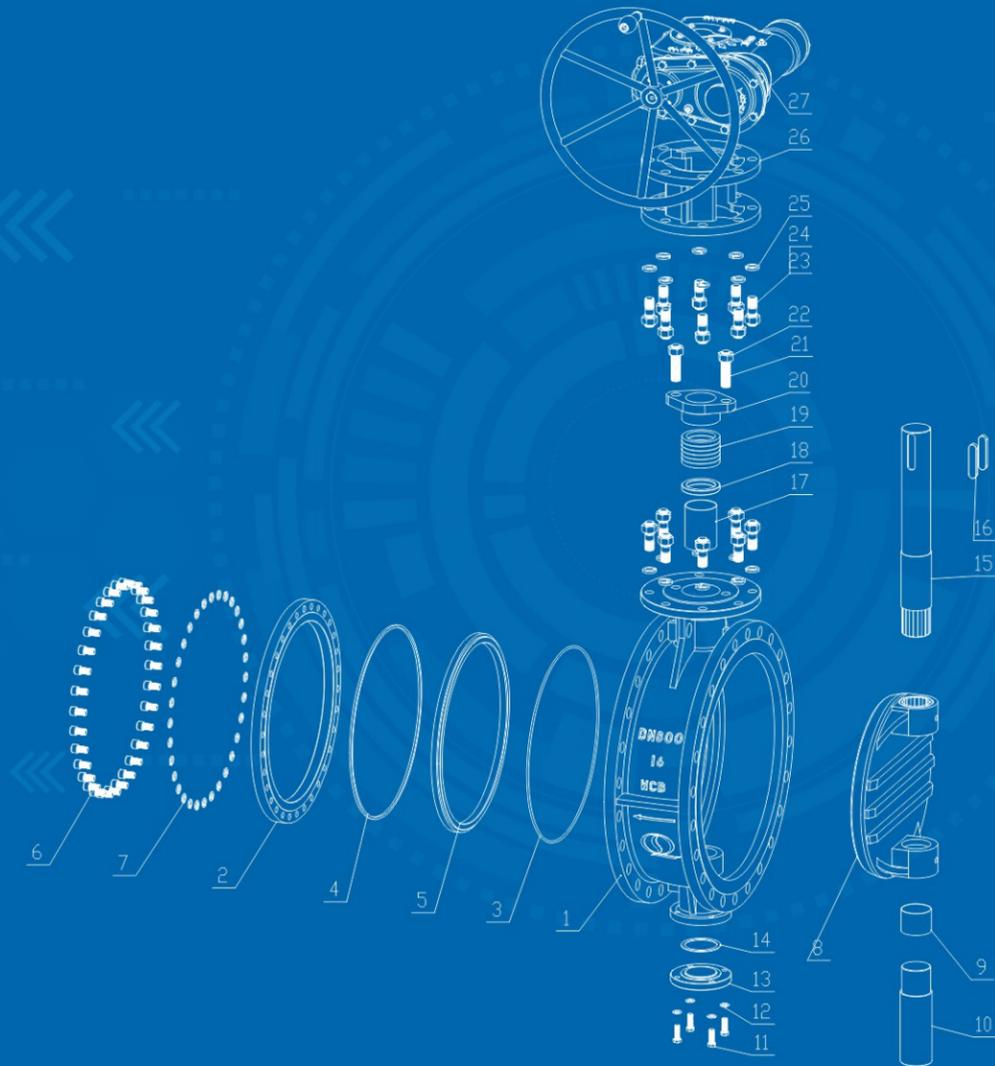
公称尺寸 (DN)	公称压力 (PN)	试验压力 Test Pressure (Mpa)		适用温度 Temperature (°C)	适用介质 Applicable medium
		壳体强度试验 Shell test	密封试验 Sealing test		
DN50-3000	6	0.9	0.66	基本型 Basic type -29°C ~ 200°C	蒸汽、水、油品、 污水及其它含有 固体颗粒的液体 介质 Steam, water, oil, sewage and other corrosive medium
	10	1.5	1.1		
	16	2.4	1.76		
	25	3.75	2.75	高温型 High temperature -29°C ~ 425°C	
	40	6	4.4		
	Class 150	3	2.2		
	Class 300	7.5	5.5		

## Technical specification 主要设计制造标准

标准名称 Standard Name	标准号 Standard No.	标准内容 Standard Content
结构设计标准 Reference structure design	JB/T14317-2022	旋球阀 Rotary ball valve
结构长度标准 Face to face	GB/T12221	金属阀门结构长度 Metal valves-Face to face, end to end, center to face and center to end dimensions
	ASME B16.10	阀门的结构长度 Face-to-Face and End-to-End Dimensions of Valves
法兰标准 Flange	GB/T9124.1	钢制管法兰 第1部分:PN系列 Steel pipe flanges Part 1:(PN designated)
	GB/T9124.2	钢制管法兰 第2部分:Class系列 Steel pipe flanges Part 2:(Class designated)
	HG/T20592	钢制管法兰 (PN系列) Steel pipe flanges (PN designated)
	HG/T20615	钢制管法兰 (Class系列) Steel pipe flanges (Class designated)
	HG/T20623	大直径钢制管法兰 (Class系列) Large diameter steel pipe flanges (Class designated)
	ASME B16.5	管法兰和法兰管件 (NPS 1/2~NPS24米制/英制标准) Pipe Flanges and Flanged Fittings(NPS 1/2~ NPS 24 Metric/Inch Standard)
压力试验标准 Pressure test	GB/T13927	工业阀门 压力试验 Industrial valves-Pressure testing
	API598	阀门的检查和试验 Valve Inspection and Testing
材料标准 Material	GB/T12229	通用阀门-碳素钢铸件技术条件 General purpose industrial valves-Specification of carbon steel castings
	GB/T12230	通用阀门-不锈钢铸件技术条件 General purpose industrial valves-Specification of stainless steel castings
	ASTM A216/A216M	高温用可熔焊碳素钢铸件标准规范 Standard specification for Steel castings, carbon, suitable for fusion welding, for high-temperature service
	ASTM A351/A351M	承压件用奥氏体铸件标准规格 Standard Specification for Castings, Austenitic, for Pressure-Containing Parts

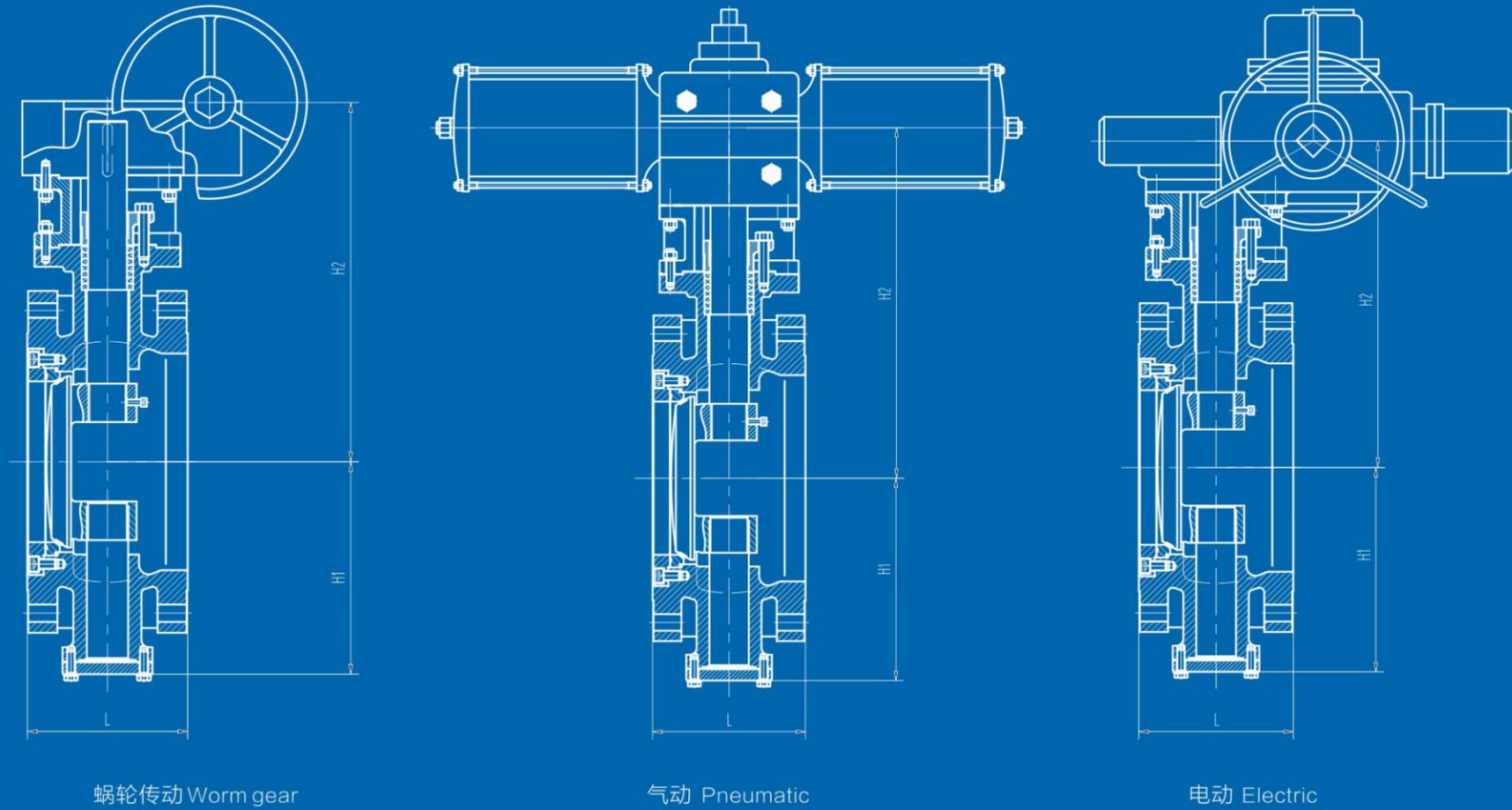
# Main structure and parts material

## 主要结构及零部件材料



序号 NO.	部件名称 Name	常用材料 Materials	
		碳钢 Carbon steel	不锈钢 Stainless steel
1	阀体 Body	WCB	CF8
2	压圈 Pressing ring	Q235A	304
3	O型圈 O ring	氟橡胶 Fluorine rubber	氟橡胶 Fluorine rubber
4	O型圈 O ring	氟橡胶 Fluorine rubber	氟橡胶 Fluorine rubber
5	阀座 Seat	25+耐磨合金	304+耐磨合金
6	螺钉 Screw	35	304
7	垫圈 Washer	65Mn	304
8	阀瓣 Disc	WCB+耐磨合金	CF8+耐磨合金
9	轴承 Bearing	304+PTFE	304+PTFE
10	下阀杆 Stem	20Cr13	17-4PH
11	螺栓 Bolt	35	304
12	垫圈 Washer	Q235A	304
13	下端盖 Lower end cover	25	304
14	垫圈 Washer	304+柔性石墨 304+Flexible graphite	304+柔性石墨 304+Flexible graphite
15	阀杆 Stem	20Cr13	17-4PH
16	键 Key	45	45
17	轴承 Bearing	304+PTFE	304+PTFE
18	填料垫 Padding seat	20Cr13	304
19	填料 Packing	柔性石墨 Flexible graphite	柔性石墨 Flexible graphite
20	填料压盖 Packing Pressing sleeve	WCB	CF8
21	螺母 Nut	25	304
22	螺柱 Stud	35	304
23	螺母 Nut	25	304
24	垫圈 Washer	65Mn	304
25	螺柱 Double-screw bolt	35	304
26	连接盘 Land	WCB	CF8
27	蜗轮传动装置 Worm gear actuator	组合件 Assembly	组合件 Assembly

# Dimensions for flange/welding type 主要连接尺寸

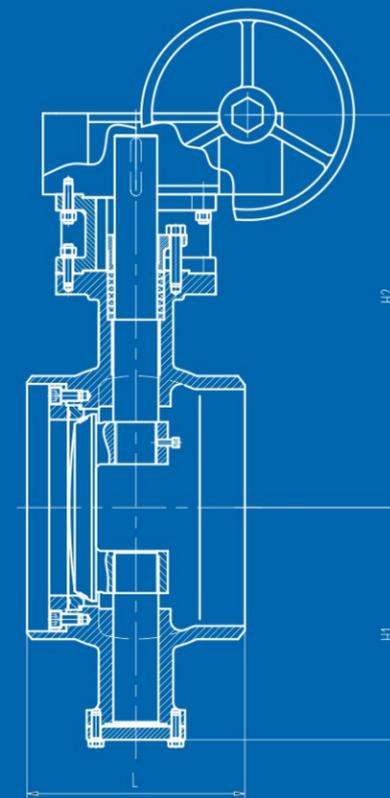


表中尺寸仅供参考，如需其他规格尺寸，可来电咨询0371-55693192  
For other dimensions ,please consult 0371-55693192

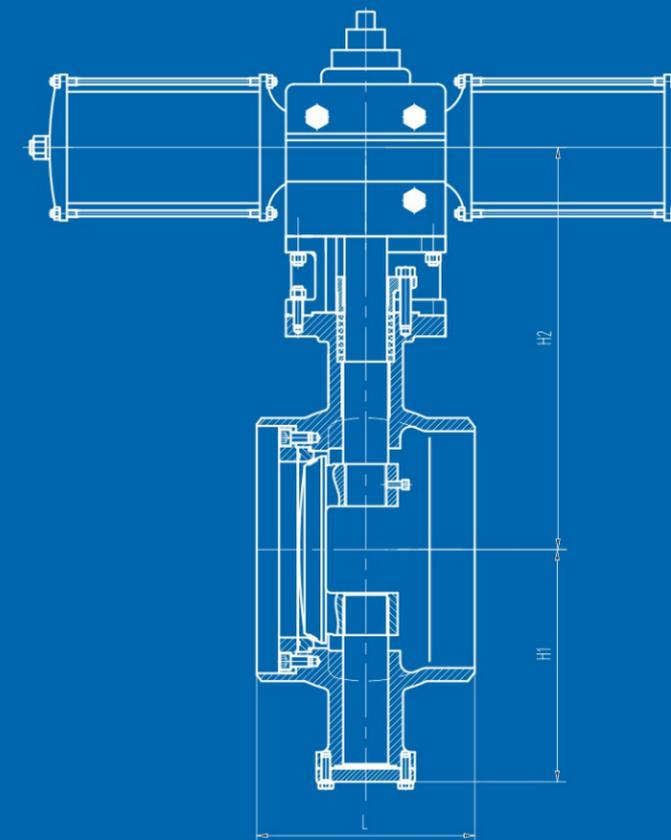
公称尺寸 Size		结构长度L (mm) Face to face dimension		H1	H2		
NPS(Inch )	DN(mm)	PN6/PN10/ PN16/PN25 /Class150	PN40/Class 300		蜗轮传动 Worm gear	气动 Pneumatic	电动 Electric
2	50	108	150	120	230	500	400
2-1/2	65	112	170	130	240	510	410
3	80	114	180	140	245	515	425
4	100	127	190	150	270	525	440
5	125	140	200	171	313	520	450
6	150	140	210	208	340	586	491
8	200	152	230	243	380	618	543
10	250	165	250	275	448	641	661
12	300	178	270	280	505	750	785
14	350	190	290	325	535	750	820
16	400	216	310	375	635	850	870
18	450	222	330	386	691	857	942
20	500	229	350	440	754	857	970
24	600	267	390	500	860	943	1093
28	700	292	430	570	955	1000	1130
32	800	318	470	630	1020	1130	1160
36	900	330	510	705	1135	1200	1210
40	1000	410	550	750	1190	1220	1230
48	1200	470	630	870	1380	1400	1450
56	1400	530	710	1000	1550	1600	1650
64	1600	600	790	1125	1714	1772	2178
72	1800	670	870	1175	1692	---	2211
80	2000	760	950	1265	1875	---	2310
88	2200	800	1000	1375	2120	---	2520
96	2400	850	1100	1500	2230	---	2600
104	2600	900	1200	1630	2310	---	2735
112	2800	950	1300	1750	2450	---	2885
120	3000	1000	1400	1855	2610	---	3220

焊接式 Welding

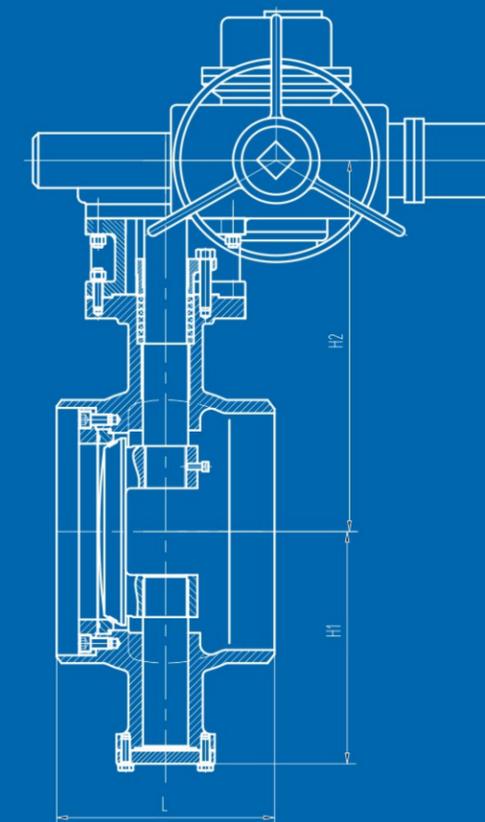
公称尺寸 Size		结构长度L(mm) Face to face dimension PN6 /PN10/PN16/PN25/PN40/Class150/Class 300	H1	H2		
NPS(Inch )	DN(mm)			蜗轮传动 Worm gear	气动 Pneumatic	电动 Electric
4	100	190	112	256	510	435
5	125	200	130	256	510	435
6	150	210	140	312	556	461
8	200	230	173	350	500	470
10	250	250	222	390	500	510
12	300	270	240	458	598	610
14	350	290	264	508	630	700
16	400	310	296	546	630	710
18	450	330	335	663	658	742
20	500	350	360	698	683	814
24	600	390	408	785	824	1000
28	700	430	503	797	880	1139
32	800	470	553	945	940	1270
36	900	510	613	1030	1190	1620
40	1000	550	663	1047	1190	1650
42	1050	550	663	1047	1190	1650
48	1200	630	773	1235	—	1626
56	1400	710	876	1383	—	1780
64	1600	790	1016	1527	—	1873
72	1800	870	1128	1793	—	1997
80	2000	950	1263	1875	—	2310
88	2200	1000	1376	2120	—	2520
96	2400	1100	1500	2230	—	2600
104	2600	1200	1630	2310	—	2735
112	2800	1300	1750	2450	—	2885
120	3000	1400	1855	2610	—	3220



蜗轮传动 Worm gear



气动 Pneumatic



电动 Electric

表中尺寸仅供参考，如需其他规格尺寸，可来电咨询0371-55693192  
For other dimensions ,please consult 0371-55693192

## After-sales service and quality assurance 售后服务及质量保证

河南泉舜流体控制科技有限公司拥有数十年阀门售后服务经验，公司拥有专业的售后服务团队及完善的售服系统，质量保证部专业致力于为用户提供：产品试运转、故障诊断、零部件更换、现场抢修、返厂维修、技术培训等全方位的服务。售后服务实行档案管理，对每一用户、每台阀门建立档案记录，泉舜服务数据库进行统一管理。

We has decades of after-sales service experience in valves, and has a professional after-sales service team and sound sales and service system with Quality Guarantee Department dedicated to provide comprehensive services to users in aspects of product test run, breakdown diagnosis, change of components and parts, on-site emergence repair, depot repair, and technical training.

After-sales service has file management in place with file records established for each user and each valve, and uses Quanshun Service Database for central management.

我公司售后服务部为用户提供全天24小时售后服务热线，对用户在实际使用中遇到的有关产品问题，随时给予答复。

24小时服务电话：0371-55693192、15038241979。

24-hour after-sales call service is provided by our After-sales Service Department to users with timely reply given to problems come across in the actual use.

24-hour service number: 0371-55693192、15038241979.

1、质量保证期为合同设备货到之日起18个月或安装调试运行12个月，先到为准。质保期内如发生质量问题，我方在2小时内给予答复，提出解决问题的方案；若因用户使用不当出现故障时，我公司仍将积极配合为用户排除故障、修复或更换零件。

2、质保期满后，我方长期提供该设备的备用配件及维护指导，仍将为用户作好服务，在接到用户通知，及时派技术人员到达现场排除故障、修复或更换零件，为用户排忧解难。

3、积极协助用户或设计单位进行产品选型，及时掌握最新阀门动态，在用户水、电、气等外围条件具备的情况下，我公司负责对产品进行现场调试，设备达到最佳使用状态。

4、质保期内，根据用户需要，我公司将派技术人员免费到现场培训用户操作人员实地操作及维护保养知识，直到其能熟练操作。

5、产品提供终身免费技术支持及指导维护方案，确保设备的长期正常运转。

1. Quality Guarantee expires 18months after delivery date of equipment, or 12 months after installation and commissioning, whichever comes first. If quality problem occurred within Quality Guarantee Period, our party would give reply within 2 hours and raise up solutions. If problem occurred due to improper operation by users, our company would still actively cooperate with user to rule out breakdowns, repair or change parts;

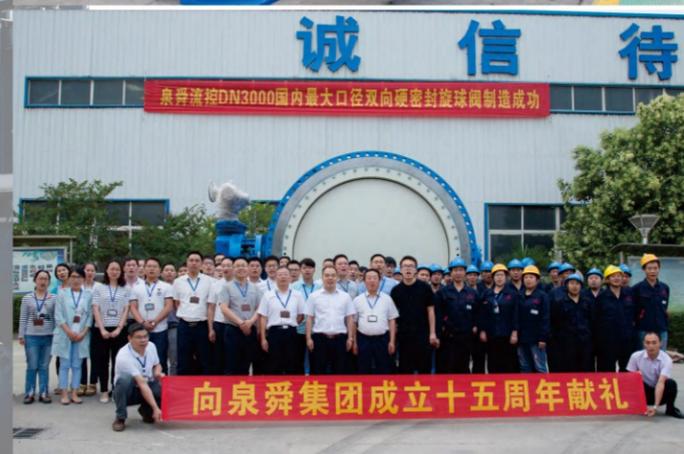
2. After Quality Guarantee is due, our company will provide spare parts of this equipment and maintenance guidance in the long term with service provided. Upon receipt of notification of user, we will assign technician on site and help to rule out breakdowns, repair or exchange parts so as to solve problems for users;

3. Positively assist users or design organization for product type selection and keep them posted of the most updated valves trend. Under the availability of water, electricity, gas and other surrounding conditions, our company will be responsible for product commissioning on site till reaching the optimum running status;

4. Within Quality Guarantee, based on the needs of users, our company will designate technicians to be on site and give operators on-site training and maintenance knowledge for free in order to reach their proficiency in operations;

5. Technical support and guide on maintenance plan is provided in the life cycle of product, and free of charge in order to ensure equipment long-term functioning.

# Valve Application 阀门应用



广泛用于冶金、矿山、石油化工、电力、环保、市政供热引水等行业管路的截断、调节。  
Widely used in metallurgy, mining, petrochemical, electric power, environmental protection, municipal heat and water supply and other industries pipeline cut-off, regulation.



# 应用案例 Applications



# Anti-counterfeiting 防伪查询



河南泉舜流体控制科技有限公司生产的双向金属硬密封旋球阀，每台阀门都有一个唯一的身份证。从原材料到成品，建立有强大的数据库查询系统，可追溯性强。

Every QUANSHUN brand valve has a special identity card No. Large database is established from raw material to finished products, every detail information can be found, so it has strong traceability.

用户可通过扫描阀门标牌上的二维码进行防伪查询。  
The end user can scan QR code on the nameplate of valve to verify the product's authenticity.

产品型号 PRODUCT TYPE	DQ942Y-150LB	适用温度 APPLICABLE TEMP	≤425℃
公称压力 NOMINAL PRESSURE	150LB	产品编号 PRODUCT CODE	160501001
公称尺寸 NOMINAL SIZE	24"	制造日期 MANUFACTURING DATE	2016.05

河南泉舜流体控制科技有限公司 Henan Quanshun Flow Control Science & Technology Co., Ltd.




二维码显示内容 Scanning results

