

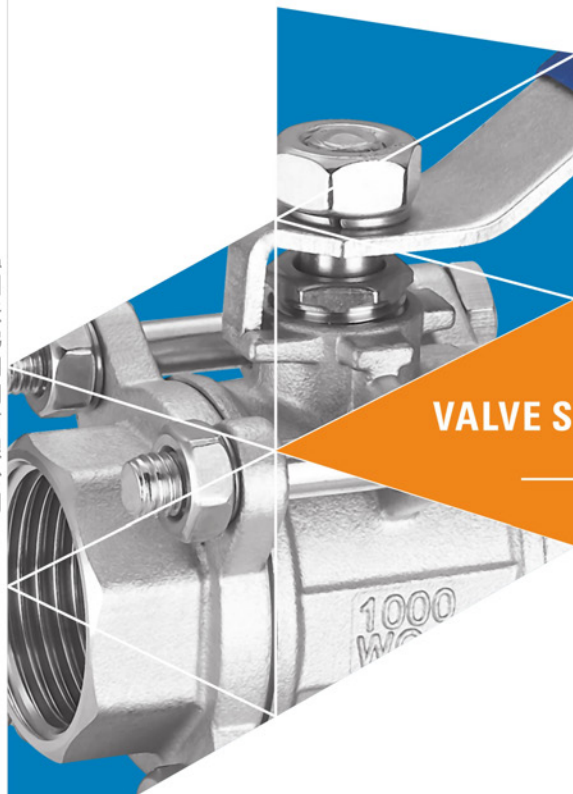
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温州沃弗阀门有限公司

阀门选型样本



VALVE SELECTION SAMPLES

阀门选型样本

沃弗阀门
WOFE VALVE

WENZHOU WOFE VALVE CO.,LTD

温州沃弗阀门有限公司



ONE STOP SOLUTION SERVICE
PROVIDER FOR ALL KIND OF VALVES

一站式解决方案服务提供商, 提供各种阀门



WF[®]
沃弗阀门
WO FER VALVE

公司简介

COMPANY PROFILE

温州沃弗阀门管件有限公司是集科研、铸造、生产、销售服务于于一体的科技型阀门企业,公司坐落于温州龙湾空港新区,临近温州国际机场、火车站、龙湾国际集装箱码头,交通十分便利。

公司产品规格齐全、结构新颖、工艺精湛、质量可靠。主导产品有片式球阀、三通球阀、闸阀、截止阀等,产品按照API, ASME, ISO, EN, DIN, BS, JIS, GB标准生产;压力等级有PN(16/25/40/63/100/160)、CLASS(150/300/600/900/1500)、JIS(10K/20K/30K/45K/65K/110K);产品的材质有:CF8M, CF8, CF3M, CF3, CN7M, WCB, WCC,及其他客户需求的其它材质。广泛应用于电站、核电、石油、化工、天然气、市政、冶金、建筑、造纸、煤矿、水泥、排污、环保、节能等行业。

公司秉承“诚信、尊重、专业”的核心价值观,为客户提供系统的阀门应用解决方案!企业经营坚持以客户为中心,在发展壮大同时,将努力实现与社会、客户、合作伙伴、员工等利益相关的共赢。

“资源有限,利用无限”,公司坚持走循环经济与环保生产和谐发展之路,秉承“品牌共创,成就共享,合作共赢,和谐共建”的发展理念,竭尽众智,创新经营,致力于让“沃弗”成为业内典范,用我们真诚的服务,开启您的美好生活。

WENZHOU WOFR VALVE & FITTING CO.,LTD is a scientific and technological valve enterprise integrating scientific research, casting, production, sales and service. The company is located in Wenzhou Longwan Airport New District, close to Wenzhou International Airport, railway station, Longwan International Container Terminal, and the transportation is very convenient.

The company has complete product specifications, novel structure, exquisite workmanship and reliable quality. The leading products are chip ball valves, three-way ball valves, gate valves, globe valves, etc. The products are produced in accordance with API, ASME, ISO, EN, DIN, BS, JIS, GB standards; the pressure level is PN (16/25/40/63/100/160), CLASS(150/300/600/900/1500), JIS(10K/20K/30K/45K/65K/110K); product Materials are: CF8M, CF8, CF3M, CF3, CN7M, WCB, WCC, and other materials required by other customers. Widely used in power station, nuclear power, petroleum, chemical, natural gas, municipal, metallurgy, construction, pharmaceutical, papermaking, coal mine, cement, sewage, environmental protection, energy saving and other industries.

The company adheres to the core values of "integrity, respect and professionalism" and provides systematic valve application solutions for customers! The operation of the enterprise insists on being customer-centered. While developing and growing, it will strive to achieve a win-win situation related to society, customers, partners, employees and other interests.



"Resources are limited, use is unlimited", the company adheres to the road of harmonious development of circular economy and environmental protection production, adhering to the development concept of "brand co-creation, achievement sharing, cooperation and win-win, harmonious co-building", exhausting all wisdom, innovating management and devoting To make "Wofervalve" a model in the industry, use our sincere service to start your beautiful life.





科技与研发 TECHNOLOGY AND R & D

每个团队包含30多名工人。每个团队均由我们的负责工程师在三个研讨会中领导。他们是法兰车间，螺纹阀车间和装配车间。我们的独立研讨会为客户提供更快的交货时间。



Each team contains more than 30 workers. Each team lead by our engineers in charge in three workshops. They are flange workshop, thread valve workshop and assembly shop. Our independent workshops provide customers with faster delivery times.





生产车间 PRODUCTION WORKSHOP

我们拥有进口的优质生产设备, 以确保产品的优良品质和高客户满意度, 配备有专业的阀门生产基地。公司拥有高精度CNC加工中心和CNC车床, 这些产品在产品中经过精炼并在阀门的关键区域得到控制。精度在微米级别, 以确保稳定可靠的产品质量。



We have imported high-quality production equipment to ensure the excellent quality of products and high customer satisfaction, equipped with professional valve production base. The company has high-precision CNC machining centers and CNC lathes. These products are refined in products and controlled in key areas of valves. Precision in micron level to ensure stable and reliable product quality.



WF[®]
沃弗阀门
WOFLER VALVE



产品检测 PRODUCT TESTING

沃弗拥有一流的检测中心，能够独立完成从产品原型试验认证到产品最终出厂检验。我们对每一个产品都进行严格的检测。检测员高度负责的用心溶于每一个部件中，加上先进的检测设备和严格的科学化管理，使每一个生产的成品经得起顾客的精心挑选。沃弗阀门承诺让生产的每一个产品都达到出厂标准。



WOFER has a first-class testing center that can independently complete product prototype test certification to final product inspection. We conduct strict testing on every product. The inspectors are highly responsible for dissolving in each component, coupled with advanced testing equipment and strict scientific management, so that each finished product can withstand the careful selection of customers. WOFER Valve promises to make every product produced meet the factory standards.





成品车间 FINISHED PRODUCT WORKSHOP

品质体现我们的尊严，出类拔萃的品质拒绝平庸。一丝不苟、千锤百炼、标准化的管理体系和系统化的品质保证体系，让本公司产品品质在世界的每个角落都畅通无阻。我公司将始终坚守产品的品质，因为好的品质永远是未来不可动摇的发展方向。今后我们将再接再厉，以创新为力量，创造更好更高的品质，打造更好的品牌，树立精益求精的态度。



Quality embodies our dignity, outstanding quality refuses mediocrity. Meticulous the well tempered, standardized management system and systematic quality assurance system make our product quality unimpeded in every corner of the world. Our company will always adhere to the quality of products, because good quality is the unshakable development direction in the future. In the future, we will make persistent efforts to create better and higher quality, create better brands and establish an attitude of striving for perfection with the power of innovation.





企业资质 ENTERPRISE QUALIFICATION

我们的产品已成功通过ISO 9001, ISO 45001, CE, ROHS, ISO 14001审核, 为提高全体员工的质量意识和工作能力做出了更大的努力。

Our products have successfully passed the ISO 9001, ISO 45001, CE, ROHS, ISO 14001, auditing, which make more efforts in enhancing the quality ideology and working capabilities of all the staff.





产品展示

PRODUCT DISPLAY





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INTERNAL THREAD BALL VALVE SERIES

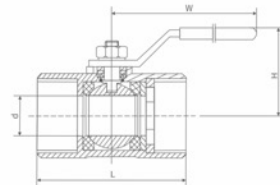
内螺纹球阀系列



WF[®] 沃弗阀门
WOFER VALVE

ONE PIECE INTERNAL THREAD BALL VALVE

一片式内螺纹球阀



主要性能规范 Main Performance Specifications

产品规格: NPS 3/8"-2-1/2" (DN 10-65)
公称压力: PN 2.5/4.0/6.4MPa
适用介质: 水、空气、油品、酸类
适用温度: -40~180°C
螺纹标准: 按BSPT、BSP、NPT、DIN2999制造
Product specification: NPS 3/8"-2-1/2" (DN10-65)
Nominal pressure: PN 2.5 /4.0/6.4MPa
Applicable media: water, air, oil, acid
Applicable temperature: -40 ~ 180 °C
Thread standard: made according to BSPT, BSP, NPT, DIN2999

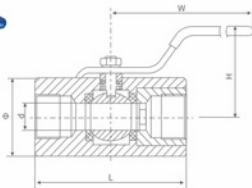
主要部件材质 Material of Main Parts

部件名称 Part Name	材质 Material		
	Q11F-25,40C	Q11F-25,40P	Q11F-25,40R
阀体 Body	WCB	ZG1Cr18Ni9Ti	ZG1Cr18Ni12Mo2Ti
球体 Ball	1Cr18Ni9Ti	ZG1Cr18Ni9Ti	ZG1Cr18Ni12Mo2Ti
阀杆 Stem	1Cr18Ni9Ti	ZG1Cr18Ni9Ti	1Cr18Ni9Ti
密封圈 Sealing ring	聚四氟乙烯 PTFE		
填料 Packing	聚四氟乙烯 PTFE		

主要外形尺寸 Main External and Connecting Dimensions

单位 Unit: mm

NPS	DN	d	L	H	W
3/8"	10	8	50	30	65
1/2"	15	9.5	52	34	85
3/4"	20	12.5	56	40	95
1"	25	16	67	52	110
1-1/4"	32	20	74	62	140
1-1/2"	40	25	81	68	140
2"	50	32	93	75	155
2-1/2"	65	40	120	82	180



主要性能规范 Main Performance Specifications

产品规格: NPS 1/4"~4" (DN6~100)
公称压力: PN 2.5/4.0/6.4MPa
适用介质: 水、空气、油品
适用温度: 40~180°C
螺纹标准: 按BSPT、NPT制造

Product specification: NPS 1/4" ~ 4" (DN6~100)
Nominal pressure: PN 2.5/4.0/6.4MPa
Applicable media: water, air, oil
Applicable temperature: 40~180°C
Thread standard: made according to BSPT, NPT

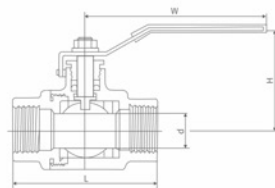
主要部件材质 Material of Main Parts

部件名称 Part Name	材质 Material		
	Q11F-25,40,64C	Q11F-25,40,64P	Q11F-25,40,64R
阀体 Body	WCB	ZG1Cr18Ni9Ti	ZG1Cr18Ni12Mo2Ti
球体 Ball	1Cr18Ni9Ti	ZG1Cr18Ni9Ti	ZG1Cr18Ni12Mo2Ti
阀杆 Stem	1Cr18Ni9Ti	ZG1Cr18Ni9Ti	1Cr18Ni9Ti
密封圈 Gasket	聚四氟乙烯 PTFE		
填料 Packing	聚四氟乙烯 PTFE		

主要外形尺寸 Main External and Connecting Dimensions

单位 Unit: mm

NPS	DN	d	L	Φ	H	W
1/4"	6	5	48	20	32	65
3/8"	10	8	55	27	42	85
1/2"	15	10.5	60	31.5	45	95
3/4"	20	13	65	37	48	110
1"	25	17	73	43.8	53	110
1-1/4"	32	22	88.5	53	64	140
1-1/2"	40	25	95	60	75	140
2"	50	32	108	73	79	155
2-1/2"	65	40	132	88.5	90	180
3"	80	50	150	105	100	220
4"	100	64	188	135	115	220



主要性能规范 Main Performance Specifications

产品规格: NPS 1/4"~3" (DN 6~80)
公称压力: PN 1.0/1.6MPa
适用介质: 水、空气、油品、酸类
适用温度: -50~232°C
螺纹标准: 按BSPT/BSP/NPT/DIN/JIS/RC/G
设计制造: GB/T 12224/ANSI B16.34
检验与试验: GB/T 13927/API 598

Product specification: NPS 1/4" ~ 3" (DN 6~80)
Nominal pressure: PN 1.0 / 1.6MPa
Applicable media: water, air, oil, acid
Applicable temperature: -50 ~232°C
Thread standard: according to BSPT/BSP/NPT/DIN/JIS/ RC/G
Design and manufacture: GB/T 12224/ANSI B16.34
Inspection and test: GB/T 13927/API 598

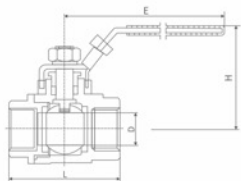
主要部件材质 Material of Main Parts

部件名称 Part Name	材质 Material		
	CF8M	CF8	WCB
阀盖 Bonnet	CF8M	CF8	WCB
球体 Ball	SS316	SS304	SS304
阀杆 Stem	SS316	SS304	SS304
阀座 Seat	RTFE		
密封垫 Gasket	PTFE		
中头垫 Middle head pad	PTFE		
填料压套 Packing sleeve	SS202		
手柄 Handle	SS202		
螺母 Nut	SS202		

主要外形尺寸 Main External and Connecting Dimensions

单位 Unit: mm

NPS	DN	d	L	H	W
1/4"	6	11.6	57	49	120
3/8"	10	12.7	57	49	120
1/2"	15	15	53	54	120
3/4"	20	20	64	65	130
1"	25	25	72	72	154
1-1/4"	32	32	83	83	154
1-1/2"	40	38	95	94	185
2"	50	50	108	107	185
2-1/2"	65	65	161.5	130	250
3"	80	80	178	148	250



主要性能规范 Main Performance Specifications

产品规格: NPS 1/2"~4"
公称压力: PN 1.0/1.6/2.5/4.0MPa
适用介质: 水、空气、油品、酸类
适用温度: -20~120°C
螺纹标准: BSPT/BSPP/NPT/DIN/JIS/RC/G
设计制造: GB/T 12224/ANSI B16.34
检验与试验: GB/T 13927/API 598

Product specification: NPS 1/2"~4"
Nominal pressure: PN 1.0 / 1.6 / 2.5 / 4.0MPa
Applicable media: water, air, oil, acid
Applicable temperature: -20 ~ 120 °C
Thread standard: BSPT/BSPP/NPT/DIN/JIS/RC/G
Design and manufacture: GB/T 12224/ANSI B16.34
Inspection and test: GB/T 13927/API 598

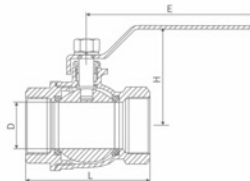
主要部件材质 Material of Main Parts

部件名称 Part Name	材质 Material		
阀体 Body	CF8M	CF8	WCB
阀盖 Bonnet	CF8M	CF8	WCB
球体 Ball	SS316	SS304	SS304
阀杆 Stem	SS316	SS304	SS304
阀座 Seat		RTFE	
密封垫 Gasket		PTFE	
中头垫 Middle head pad		PTFE	
填料压套 Packing sleeve		SS202	
手柄 Handle		SS202	
螺帽 Nut		SS202	

主要外形尺寸 Main External and Connecting Dimensions

单位 Unit: mm

NPS	L	D	H	E
1/2"	62	15	60	98
3/4"	70	20	67	120
1"	81	25	70	120
1-1/4"	96	32	82	150
1-1/2"	105	38	91	170
2"	120	48	100	170
2-1/2"	138	65	125	250
3"	170	78	142	250
4"	205	100	163	300



主要性能规范 Main Performance Specifications

产品规格: DN 15-50
公称压力: PN 1.0/1.6MPa
适用介质: 水、空气、油品、酸类
适用温度: -20~120°C
螺纹标准: 按BSPT/BSPP/NPT/DIN/JIS/RC/G
设计制造: GB/T 12224/ANSI B16.34
检验与试验: GB/T 13927/API 598

Product specification: DN 15 ~ 50
Nominal pressure: PN 1.0/1.6MPa
Applicable media: water, air, oil, acid
Applicable temperature: -20 ~ 120 °C
Thread standard: according to BSPT/BSPP/NPT/DIN/JIS/RC/G
Design and manufacture: GB/T 12224/ANSI B16.34
Inspection and test: GB/T 13927/API 598

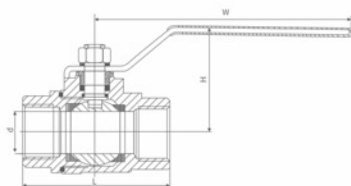
主要部件材质 Material of Main Parts

部件名称 Part Name	材质 Material		
阀体 Body	CF8M	CF8	WCB
阀盖 Bonnet	CF8M	CF8	WCB
球体 Ball	SS316	SS304	SS304
阀杆 Stem	SS316	SS304	SS304
阀座 Seat		RTFE	
密封垫 Gasket		PTFE	
中头垫 Middle head pad		PTFE	
填料压套 Packing sleeve		SS202	
手柄 Handle		SS202	
螺帽 Nut		SS202	

主要外形尺寸 Main External and Connecting Dimensions

单位 Unit: mm

DN	L	D	H	E
15	52.5	13	44	85
20	56	19	51	94
25	65	23	58	106
32	75	30	63	115
40	90	38	80	142
50	102	48	90	143



主要性能规范 Main Performance Specifications

产品规格: NPS 1/4" - 3" (DN6-80)
公称压力: 1000psi/2000psi
适用温度: -29-350°C
适用介质: 水、油品、气体及某些腐蚀性液体
设计标准: ASME B16.34
结构长度: DIN 3202-M3
螺纹类型: NPT/BSPT/BSPP/DIN259/2999NPT/BSPT
检验和试验: MSS SP-110/EN 12266

Product specification: NPS 1/4" - 3" (DN6-80)
Nominal pressure: 1000psi / 2000psi
Applicable temperature: -29-350°C
Applicable medium: water, oil, gas and some corrosive liquids
Design standard: ASME B16.34
Face to Face: DIN 3202-M3
Thread type: NPT/BSPT/BSPP/DIN259/2999NPT/BSPT
Inspection and test: MSS SP-110/EN 12266

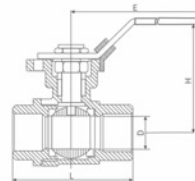
主要部件材质 Material of Main Parts

部件名称 Part Name	材质 Material
阀盖 Bonnet	CF8/CF8M
密封垫 Gasket	PTFE
阀体 Body	CF8/CF8M
球体 Ball	304/316
阀杆 Stem	304/316
密封垫 Gasket	PTFE
止推垫片 Thrust gasket	PTFE
填料 Packing	PTFE
填料压盖螺母 Packing gland nut	304/316
弹簧垫圈 Spring washer	304/316
阀杆螺母 Stem nut	304/316
手柄 Handle	304/316

主要外形尺寸 Main External and Connecting Dimensions

单位 Unit: mm

NPS	DN	d	L	H	W
1/4"	6	11.6	57	49	120
3/8"	10	12.7	57	49	120
1/2"	15	15	53	54	120
3/4"	20	20	64	65	130
1"	25	25	72	72	154
1-1/4"	32	32	83	83	154
1-1/2"	40	38	95	94	185
2"	50	50	108	107	185
2-1/2"	65	65	161.5	130	250
3"	80	80	178	148	250



主要性能规范 Main Performance Specifications

产品规格: NPS 1/2"-4"
公称压力: PN 1.0/1.6MPa
适用介质: 水、空气、油品、酸类
适用温度: -20-120°C
螺纹标准: 按BSPT/BSPP/NPT/DIN/JIS/RC/G
设计制造: GB/T 12224/ANSI B16.34
检验与试验: GB/T 13927/API 598

Product specification: NPS 1/2" - 4"
Nominal pressure: PN 1.0/1.6MPa
Applicable media: water, air, oil, acid
Applicable temperature: -20 - 120°C
Thread standard: according to BSPT/BSPP/NPT/DIN/JIS/RC/G
Design and manufacture: GB/T 12224/ANSI B16.34
Inspection and test: GB/T 13927/API 598

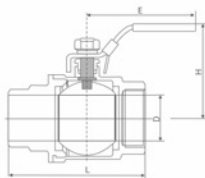
主要部件材质 Material of Main Parts

部件名称 Part Name	材质 Material		
阀体 Body	CF8M	CF8	WCB
阀盖 Bonnet	CF8M	CF8	WCB
球体 Ball	SS316	SS304	SS304
阀杆 Stem	SS316	SS304	SS304
阀座 Seat	PTFE		
线条杆 Line bar	PTFE		
阀杆密封 Stem seal	PTFE		
中头垫 Middle head pad	PTFE		
填料压套 Packing sleeve	SS202		

主要外形尺寸 Main External and Connecting Dimensions

单位 Unit: mm

NPS	D	L	E	H
1/2"	15	62	120	70
3/4"	20	74	137	78
1"	25	86	137	82
1-1/4"	32	96	187	88
1-1/2"	38	108	187	93
2"	50	120	187	103
2-1/2"	65	160	315	165
3"	85	185	315	180
4"	100	225	265	200



主要性能规范 Main Performance Specifications

产品规格: NPS 1/2"~2"
公称压力: PN 1.0/1.6MPa
适用介质: 水、空气、油品
适用温度: 20~120°C
螺纹标准: 按BSPT/BSP/NPT/DIN/JIS/RC/G
设计制造: GB/T 12224/ANSI B16.34
检验与试验: GB/T 13927/API 598

Product specification: NPS 1/2"~2"
Nominal pressure: PN 1.0/1.6MPa
Applicable media: water, air, oil
Applicable temperature: 20~120°C
Thread standard: according to BSPT/BSP/NPT/DIN/JIS/RC/G
Design and manufacture: GB/T 12224/ANSI B16.34
Inspection and test: GB/T 13927/API 598

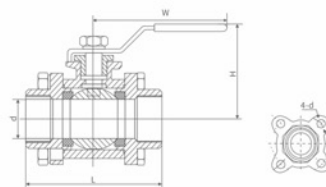
主要部件材质 Material of Main Parts

部件名称 Part Name	材质 Material		
阀体 Body	CF8M	CF8	WCB
阀盖 Bonnet	CF8M	CF8	WCB
球体 Ball	SS316	SS304	SS304
阀杆 Stem	SS316	SS304	SS304
阀座 Seat		PTFE	
阀杆密封 Stem seal		PTFE	
中头垫 Middle head pad		PTFE	
填料压套 Packing sleeve		SS202	
手柄 Handle		SS202	
弹性垫圈 Elastic washer		SS202	
螺帽 Nut		SS202	

主要外形尺寸 Main External and Connecting Dimensions

单位 Unit: mm

NPS	L	D	E	H
1/2"	75	15	98	58
3/4"	86	20	118	65
1"	98	25	126	64
1-1/4"	110	32	136	80
1-1/2"	121	40	145	86
2"	133	50	173	95.5



主要性能规范 Main Performance Specifications

产品规格: NPS 1/4"~3" (DN 6~80)
公称压力: PN 1.0/1.6MPa
适用介质: 水、空气、油品、酸类
适用温度: 50~232°C
螺纹标准: 按BSPT/BSP/NPT/DIN/JIS/RC/G
连接尺寸: GB/T 9113.1/ASME B16.5 CLASS150
结构长度: GB/T 12221/ASMW B16.1
设计制造: GB/T 12237/ANSI B16.34
检验与试验: GB/T 13927/API 598

Product specification: NPS 1/4"~3" (DN 6~80)
Nominal pressure: PN 1.0/1.6MPa
Applicable media: water, air, oil, acid
Applicable temperature: 50~232°C
Thread standard: according to BSPT/BSP/NPT/DIN/JIS/RC/G
Connection size: GB/T 9113.1/ASME B16.5 CLASS150
Structural length: GB/T 12221 /ASMW B16.1
Design and manufacture: GB/T 12237/ANSI B16.34
Inspection and test: GB/T 13927/API 598

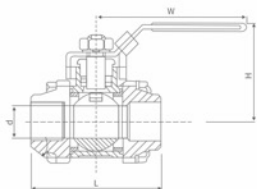
主要部件材质 Material of Main Parts

部件名称 Part Name	材质 Material	
阀体 Body	CF8M	CF8
阀盖 Bonnet	CF8M	CF8
球体 Ball	SS304	SS304
阀杆 Stem	SS304	SS304
阀座 Seat	RTFE	RTFE
阀杆密封 Stem seal	PTFE	PTFE
中头垫 Middle head pad	PTFE	PTFE
填料压套 Packing sleeve	SS202	SS202
手柄 Handle	SS202	SS202
胶套 Rubber sleeve	PLASTIC	PLASTIC
弹性垫圈 Elastic washer	SS202	SS202
螺母 Nut	SS202	SS202
螺栓 Bolt	SS202	SS202

主要外形尺寸 Main External and Connecting Dimensions

单位 Unit: mm

NPS	DN	d	L	H	W	4-d
1/4"	6	11.6	65	48	120	7
3/8"	10	12.7	65	48	120	7
1/2"	15	15	72	54	120	8
3/4"	20	20	83	57	130	8.5
1"	25	25	91	72	154	8.5
1-1/4"	32	32	103	79	154	10
1-1/2"	40	38	110	81	185	10
2"	50	50	131	97	185	11
2-1/2"	65	65	164.5	130	250	16
3"	80	80	182.5	148	250	18



主要性能规范 Main Performance Specifications

产品规格: NPS 1/4"~3" (DN 6~80)
公称压力: PN 1.0/1.6MPa
适用介质: 水、空气、油品、酸类
适用温度: -50~232°C
螺纹标准: 按BSPT/BSPP/NPT/DIN/JIS/RC/G
连接尺寸: GB/T 9113.1/ASME B16.5 CLASS150
结构长度: GB/T 12221/ASMW B16.1
设计制造: GB/T 12237/ANSI B16.34
检验与试验: GB/T 13927/API 598

Product specification: NPS 1/4"~3" (DN 6~80)
Nominal pressure: PN 1.0/1.6MPa
Applicable media: water, air, oil, acid
Applicable temperature: -50~232°C

Thread standard: according to BSPT/BSPP/NPT/DIN/JIS/RC/G
Connection size: GB/T 9113.1/ASME B16.5 CLASS150
Structural length: GB/T 12221/ASMW B16.1
Design and manufacture: GB/T 12237/ANSI B16.34
Inspection and test: GB/T 13927/API 598

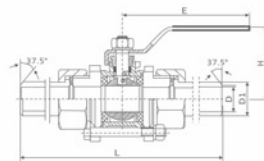
主要部件材质 Material of Main Parts

部件名称 Part Name	材质 Material		
阀体 Body	WCB	CF8M	CF8
阀盖 Bonnet	WCB	CF8M	CF8
球体 Ball	SS304	SS316	SS304
阀杆 Stem	SS304	SS316	SS304
阀座 Seat		RTFE	
阀杆密封 Stem seal		PTFE	
中头垫 Middle head pad		PTFE	
填料压套 Packing sleeve		SS202	
手柄 Handle		SS202	
胶套 Rubber sleeve		PLASTIC	
弹性垫圈 Elastic washer		SS202	
螺母 Nut		SS202	
螺栓 Bolt		SS202	

主要外形尺寸 Main External and Connecting Dimensions

单位 Unit: mm

NPS	DN	d	L	H	W
1/4"	6	11.6	65	48	120
3/8"	10	12.7	65	48	120
1/2"	15	15	72	54	120
3/4"	20	20	83	57	130
1"	25	25	91	72	154
1-1/4"	32	32	103	79	154
1-1/2"	40	38	110	81	185
2"	50	50	131	97	185
2-1/2"	65	65	164.5	130	250
3"	80	80	182.5	148	250



主要性能规范 Main Performance Specifications

产品规格: NPS 1/4"~2"
公称压力: PN 1.0/1.6MPa
适用介质: 水、空气、油品、酸类
适用温度: -20~120°C
螺纹标准: 按BSPT/BSPP/NPT/DIN/JIS/RC/G
连接尺寸: GB/T 9113.1/ASME B16.5 CLASS150
结构长度: GB/T 12221/ASMW B16.1
设计制造: GB/T 12237/ANSI B16.34
检验与试验: GB/T 13927/API 598

Product specification: NPS 1/4"~2"
Nominal pressure: PN 1.0/1.6MPa
Applicable media: water, air, oil, acid
Applicable temperature: -20~120°C
Thread standard: according to BSPT/BSPP/NPT/DIN/JIS/RC/G
Connection size: GB/T 9113.1/ASME B16.5 CLASS150
Structural length: GB/T 12221/ASMW B16.1
Design and manufacture: GB/T 12237/ANSI B16.34
Inspection and test: GB/T 13927/API 598

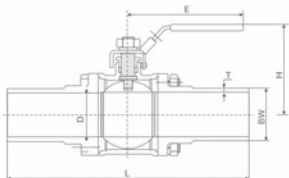
主要部件材质 Material of Main Parts

部件名称 Part Name	材质 Material		
阀体 Body	CF8M	CF8	
阀盖 Bonnet	CF8M	CF8	
球体 Ball	SS316	SS304	
阀杆 Stem	SS316	SS304	
阀座 Seat		RTFE	
阀杆密封 Stem seal		PTFE	
中头垫 Middle head pad		PTFE	
填料压套 Packing sleeve		SS202	
螺母 Nut		SS202	
胶套 Rubber sleeve		PLASTIC	
螺栓 Bolt		SS304	
接管螺母 Nozzle nut		SS304	
接管 Take over		PTFE	
接管垫片 Nozzle gasket		SS304	
螺帽 Nut		A194.Gr.8	

主要外形尺寸 Main External and Connecting Dimensions

单位 Unit: mm

NPS	L	D	D1	H	E
1/4"	140	11.5	14	57	95
3/8"	160	12.5	18	57	95
1/2"	180	15	22	68	110
3/4"	200	20	28	70	125
1"	218	25	34	80	125
1-1/4"	235	32	42	85	135
1-1/2"	260	38	46	95	155
2"	300	50	60	105	155



主要性能规范 Main Performance Specifications

产品规格: DN 15-100 (NPS 1/2"-4")
公称压力: PN 1.0/1.6MPa
适用介质: 水、空气、油品、酸类
适用温度: -20-120°C
螺纹标准: 按BSPT/BSP/NPT/DIN/JIS/RC/G
设计制造: GB/T 12224/ANSI B16.34
检验与试验: GB/T 13927/API 598

Product specification: DN 15-100 (NPS 1/2"-4")
Nominal pressure: PN 1.0 / 1.6MPa
Applicable media: water, air, oil, acid
Applicable temperature: -20 - 120 °C
Thread standard: according to BSPT/BSP/NPT/DIN/JIS/RC/G
Design and manufacture: GB/T 12224/ANSI B16.34
Inspection and test: GB/T 13927/API 598

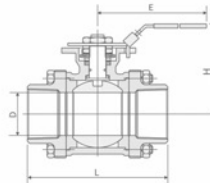
主要部件材质 Material of Main Parts

部件名称 Part Name	材质 Material	
阀体 Body	CF8M	CF8
阀盖 Bonnet	CF8M	CF8
球体 Ball	SS316	SS304
阀杆 Stem	SS316	SS304
阀座 Seat		PTFE
阀杆密封 Stem seal		PTFE
中头垫 Middle head pad		PTFE
填料压套 Packing sleeve		SS202
手柄 Handle		SS202
螺母 Nut		SS302
螺帽 Nut		PLASTIC
弹性垫圈 Elastic washer		SS304

主要外形尺寸 Main External and Connecting Dimensions

单位 Unit: mm

DN	NPS	L	BW	E	H	DN	D	T
15	1/2"	135	10.2	122.9	58.0	12.70	1.24	
20	3/4"	135	15.8	122.9	61.0	19.05	1.65	
25	1"	152	22.1	144.9	68.0	25.40	1.65	
32	1-1/4"	157	28.5	144.9	73.5	31.80	1.65	
40	1-1/2"	190	34.8	188.9	84.5	38.10	1.65	
50	2"	204	47.5	188.9	93.2	50.80	1.65	
65	2-1/2"	254	60.2	255.3	131.8	63.50	1.65	
80	3"	280	72.9	260.8	140.0	76.20	1.65	
100	4"	306	97.4	322.2	173.6	101.6	1.65	



主要性能规范 Main Performance Specifications

产品规格: NPS 1/4"-3" (DN 6-80)
公称压力: PN 1.0/1.6MPa
适用介质: 水、空气、油品、酸类
适用温度: -20-280°C
螺纹标准: 按BSPT/BSP/NPT/DIN/JIS/RC/G
设计制造: GB/T 12224/ANSI B16.34
检验与试验: GB/T 13927/API 598

Product specification: NPS 1/4"-3" (DN 6-80)
Nominal pressure: PN 1.0/1.6MPa
Applicable media: water, air, oil, acid
Applicable temperature: -20 - 280 °C
Thread standard: according to BSPT/BSP/NPT/DIN/JIS/RC/G
Design and manufacture: GB/T 12224/ANSI B16.34
Inspection and test: GB/T 13927/API 598

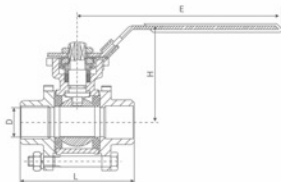
主要部件材质 Material of Main Parts

部件名称 Part Name	材质 Material	
阀体 Body	CF8M	CF8
阀盖 Bonnet	CF8M	CF8
球体 Ball	SS316	SS304
阀杆 Stem	SS316	SS304
阀座 Seat		RTFE
阀杆密封 Stem seal		PTFE
中头垫 Middle head pad		PTFE
填料压套 Packing sleeve		SS202
弹性垫圈 Elastic washer		SS202
螺母 Nut		SS202
螺栓 Bolt		SS304
弹性垫圈 Elastic washer		A193Gr.B8
螺帽 Nut		A194.Gr.8

主要外形尺寸 Main External and Connecting Dimensions

单位 Unit: mm

NPS	DN	L	D	H	E
1/4"	6	72	11	51	100
3/8"	10	72	12	51	100
1/2"	15	62	15	57	105
3/4"	20	71	20	63	118
1"	25	77	25	77	128
1-1/4"	32	92	32	80	137
1-1/2"	40	101	38	92	170
2"	50	122	48	102	170
2-1/2"	65	162	64	115	215
3"	80	200	80	136	235



主要性能规范 Main Performance Specifications

产品规格: DN 15-50
公称压力: PN 1.0/1.6MPa
适用介质: 水、空气、油品、酸类
适用温度: -20~280°C
螺纹标准: 按BSPT/BSP/NPT/DIN/JIS/RC/G
连接尺寸: GB/T 9113.1/ASME B16.5 CLASS150
结构长度: GB/T 12221/ASMW B16.1
设计制造: GB/T 12224/ANSI B16.34
检验与试验: GB/T 13927/API 598

Product specification: DN 15 - 50
Nominal pressure: PN 1.0/1.6MPa
Applicable media: water, air, oil, acid
Applicable temperature: -20 - 280 °C
Thread standard: according to BSPT/BSP/NPT/DIN/JIS/RC/G
Connection size: GB/T 9113.1/ASME B16.5 CLASS150
Structural length: GB/T 12221/ASMW B16.1
Design and manufacture: GB/T 12224/ANSI B16.34
Inspection and test: GB/T 13927/API 598

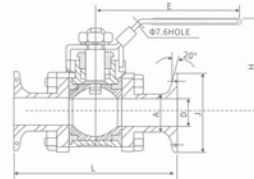
主要部件材质 Material of Main Parts

部件名称 Part Name	材质 Material	
阀体 Body	CF8M	CF8
阀盖 Bonnet	CF8M	CF8
球体 Ball	SS316	SS304
阀杆 Stem	SS316	SS304
阀座 Seat	RTFE	
阀杆密封 Stem seal	PTFE	
中头垫 Middle head pad	PTFE	
填料压套 Packing sleeve	SS202	
弹性垫圈 Elastic washer	SS202	
螺母 Nut	SS202	
螺栓 Bolt	SS302	
弹性垫圈 Elastic washer	A193Gr.B8	
螺帽 Nut	A194.Gr.8	

主要外形尺寸 Main External and Connecting Dimensions

单位 Unit: mm

DN	L	D	H	E
15	70	15	72	145
20	81	20	75	145
25	87	25	80	166
32	102	32	83	166
40	112	38	103	206
50	137	48	110	206



主要性能规范 Main Performance Specifications

产品规格: NPS 1/2"-4"
公称压力: PN 1.0/1.6MPa
适用介质: 水、空气、油品
适用温度: -20~120°C
螺纹标准: 按BSPT/BSP/NPT/DIN/JIS/RC/G
结构长度: GB/T 12221/ASMW B16.1
设计制造: GB/T 12224/ANSI B16.34
检验与试验: GB/T 13927/API 598

Product specification: NPS 1/2" - 4"
Nominal pressure: PN 1.0/1.6MPa
Applicable media: water, air, oil
Applicable temperature: -20 - 120 °C
Thread standard: according to BSPT/BSP/NPT/DIN/JIS/RC/G
Structural length: GB/T 12221/ASMW B16.1
Design and manufacture: GB/T 12224/ANSI B16.34
Inspection and test: GB/T 13927/API 598

主要部件材质 Material of Main Parts

部件名称 Part Name	材质 Material	
阀体 Body	CF8M	CF8
阀盖 Bonnet	CF8M	CF8
球体 Ball	SS316	SS304
阀杆 Stem	SS316	SS304
阀座 Seat	RTFE	
阀杆密封 Stem seal	PTFE	
中头垫 Middle head pad	PTFE	
填料压套 Packing sleeve	SS202	
手柄 Handle	SS202	
弹性垫圈 Elastic washer	SS202	
螺母 Nut	SS202	
螺帽 Nut	SS202	

主要外形尺寸 Main External and Connecting Dimensions

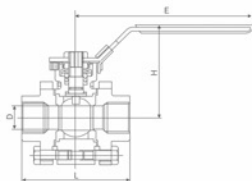
单位 Unit: mm

NPS	L	A	D	J	H	E
1/2"	97	12.70	9.40	25.4	58.0	122.9
3/4"	110	19.05	15.75	25.4	61.0	122.9
1"	111	25.50	22.20	50.4	68.0	144.9
1-1/4"	127	32.20	28.50	50.4	79.0	165.9
1-1/2"	141	38.20	34.90	50.4	84.5	188.9
2"	155	50.80	47.50	63.9	93.2	188.9
2-1/2"	168.5	63.60	60.30	77.5	131.8	255.3
3"	196.2	76.30	73.00	90.9	140.0	260.8
4"	232.5	101.60	94.40	118.9	173.6	322.2



THREE PIECE INTERNAL THREAD HIGH PLATFORM BALL VALVE(2000PSI)

三片式内螺纹高平台球阀(2000PSI)



主要性能规范 Main Performance Specifications

产品规格: DN 15-50
公称压力: PN 63/1000WOG
适用介质: 水、空气、油品
适用温度: -20~280°C
设计制造: GB/T 12224/ANSI B16.34
螺纹标准: 按BSP/T/BSP/NPT/DIN/JIS/RC/G
检验与试验: GB/T 13927/API 598
气压测试: 4.0MPa

Product specification: DN 15-50
Nominal pressure: PN 63/1000WOG
Applicable media: water, air, oil
Applicable temperature: -20~280°C
Design and manufacture: GB/T 12224/ANSI B16.34
Thread standard: according to BSP/T/BSP/NPT/DIN/JIS/RC/G
Inspection and test: GB/T 13927/API 598
Air pressure test: 4.0MPa

主要部件材质 Material of Main Parts

部件名称 Part Name	材质 Material	
阀体 Body	CF8M	CF8
阀盖 Bonnet	CF8M	CF8
球体 Ball	SS316	SS304
阀杆 Stem	SS316	SS304
阀座 Seat	RTFE	
中央垫 Middle head pad	PTFE	
填料压套 Packing sleeve	SS304	
手柄 Handle	SS304	
螺母 Nut	PLASTIC	
螺栓 Bolt	SS304	
弹性垫圈 Elastic washer	A193Gr.B8	
螺帽 Nut	A194.Gr.8	

主要外形尺寸 Main External and Connecting Dimensions

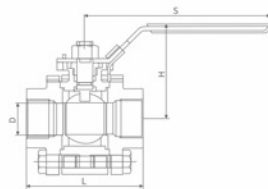
单位 Unit: mm

DN	L	D	H	E
15	74	14	72	145
20	88	19	77	145
25	90	24	82	166
32	110	32	86	166
40	120	36	106	206
50	140	49	114	206



THREE PIECE INTERNAL THREAD BALL VALVE(2000PSI)

三片式内螺纹球阀(2000PSI)



主要性能规范 Main Performance Specifications

产品规格: DN15-50(NPS 1/2"-2")
公称压力: PN 63/1000WOG
适用温度: -20~150°C
设计制造: GB T12237/ANSI B16.34
螺纹标准: 按BSP/T/BSP/NPT/DIN/JIS/RC/G
尺寸参照: GB/T 9113.1/ASME B16.5 CLASS 150
长度: GB/T 12221/ASME B16.1
检验与试验: GB/T 13927/API 598

Product specification: DN 15-50(NPS 1/2"-2")
Nominal pressure: PN 63/1000WOG
Applicable temperature: -20~150°C
Design and manufacture: GB/T 12237/ANSI B16.34
Thread standard: according to BSP/T/BSP/NPT/DIN/JIS/RC/G
Dimension reference: GB/T 9113.1/ASME B16.5 CLASS 150
Length: GB/T 12221/ASME B16.1
Inspection and test: GB/T 13927/API 598

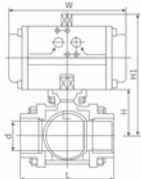
主要部件材质 Material of Main Parts

部件名称 Part Name	材质 Material	
阀体 Body	CF8M	CF8
阀盖 Bonnet	CF8M	CF8
球体 Ball	SS316	SS304
阀杆 Stem	SS316	SS304
阀座 Seat	RTFE	
阀杆密封 Stem seal	RTFE	
中央垫 Middle head pad	PTFE	
填料压套 Packing sleeve	SS304	
手柄 Handle	SS304	
弹性垫圈 Elastic washer	SS304	
螺母 Nut	PLASTIC	
螺栓 Bolt	SS304	

主要外形尺寸 Main External and Connecting Dimensions

单位 Unit: mm

DN	NPS	L	D	H	S
15	1/2"	74	14	67	145
20	3/4"	88	19	70	145
25	1"	90	24	74	166
32	1-1/4"	110	32	80	166
40	1-1/2"	120	36	94	206
50	2"	140	49	98	206



主要性能规范 Main Performance Specifications

产品规格: NPS 3/8"-2" (DN 10-50)
公称压力: PN 1.0/1.6MPa
适用介质: 水、空气、油品、酸类
适用温度: -50~232°C
螺纹标准: 按BSPT/BSPP/NPT/DIN/JIS/RC/G
连接尺寸: GB/T 9113.1/ASME B16.5 CLASS150
结构长度: GB/T 12221/ASMW B16.1
设计制造: GB/T 12237/ANSI B16.34
检验与试验: GB/T 13927/API 598

Product specification: NPS 3/8"-2" (DN 10-50)
Nominal pressure: PN 1.0/1.6MPa
Applicable media: water, air, oil, acid
Applicable temperature: -50~232°C
Thread standard: according to BSPT/BSPP/NPT/DIN/JIS/RC/G
Connection size: GB/T 9113.1/ASME B16.5 CLASS150
Structural length: GB/T 12221/ASMW B16.1
Design and manufacture: GB/T 12237/ANSI B16.34
Inspection and test: GB/T 13927/API 598

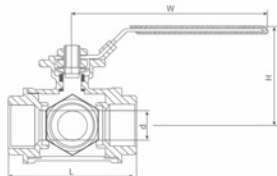
主要部件材质 Material of Main Parts

部件名称 Part Name	材质 Material	
阀体 Body	A351-CF8M	A351-CF8
阀盖 Bonnet	A351-CF8M	A351-CF8
球体 Ball	A351-CF8M	A351-CF8
中口 Midmouth	SUS316	SUS304
阀座 Seat	RTFE	RTFE/TFM1600PEEK
中口 Midmouth		REINFORCED/PTFE
O型圈 O-ring	VITTON	
弹簧 Spring	SUS301	
C型扣簧 C-type buckle spring	SUS304	
连接螺栓 Connecting bolt	ASTM A193-E8	
螺母 Nut	ASTMA194-8	
垫片 Gasket	SUS304	
连接螺栓 Connecting bolt	ASTM A193-E8	

主要外形尺寸 Main External and Connecting Dimensions

单位 Unit: mm

NPS	DN	d	L	H	H	W
3/8"	10	12.7	65	36.5	125.5	137
1/2"	15	15	72	36.5	125.5	137
3/4"	20	20	83	39.5	128.5	137
1"	25	25	91	47.5	136.5	137
1-1/4"	32	32	103	53.5	142.0	137
1-1/2"	40	38	110	61.5	166.5	154
2"	50	50	131	70.5	175.5	154



主要性能规范 Main Performance Specifications

产品规格: NPS 1/4"-2" (DN6-50)
公称压力: PN 1.6MPa
适用介质: 水、空气、油品
适用温度: -20~220°C
螺纹标准: 按BSPT/BSPP/NPT/DIN/JIS/RC/G
设计制造: GB/T 12224/ANSI B16.34
检验与试验: GB/T 13927/API 598
Product specification: NPS 1/4"-2" (DN6-50)
Nominal pressure: PN 1.6MPa
Applicable media: water, air, oil
Applicable temperature: -20~220°C
Thread standard: according to BSPT/BSPP/NPT/DIN/JIS/RC/G
Design and manufacture: GB/T 12224/ANSI B16.34
Inspection and test: GB/T 13927/API 598

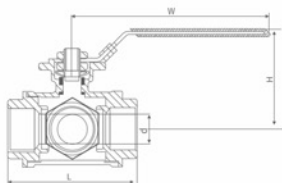
主要部件材质 Material of Main Parts

部件名称 Part Name	材质 Material	
阀体 Body	CF8M	CF8
阀盖 Bonnet	CF8M	CF8
球体 Ball	SS316	SS304
阀杆 Stem	SS316	SS304
阀座 Seat	RTFE	
中头垫 Middle head pad	PTFE	
填料压套 Packing sleeve	SS202	
弹性垫圈 Elastic washer	SS202	
螺母 Nut	SS202	
方向指示片 Direction indicator	聚乙烯 Polyethylene	

主要外形尺寸 Main External and Connecting Dimensions

单位 Unit: mm

NPS	DN	L	d	H	W
1/4"	6	64	4.2	32	85
3/8"	10	64	6	32	95
1/2"	15	68	10	34	108
3/4"	20	78	15	60	115
1"	25	86	18	60	135
1-1/4"	32	111	25	76	150
1-1/2"	40	126	32	85	175
2"	50	143	40	95	190



主要性能规范 Main Performance Specifications

产品规格: NPS 1/4"-2" (DN6-50)
公称压力: PN 1.6MPa
适用介质: 水、空气、油品
适用温度: -20~220°C
螺纹标准: 按BSPT/BSPP/NPT/DIN/JIS/RC/G
设计制造: GB/T 12224/ANSI B16.34
检验与试验: GB/T 13927/API 598

Product specification: NPS 1/4" ~ 2" (DN6-50)
Nominal pressure: PN 1.6MPa
Applicable media: water, air, oil
Applicable temperature: -20 ~ 220 °C
Thread standard: according to BSPT/BSPP/NPT/DIN/JIS/RC/G
Design and manufacture: GB/T 12224/ANSI B16.34
Inspection and test: GB/T 13927/API 598

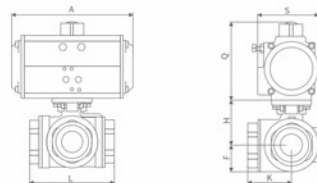
主要部件材质 Material of Main Parts

部件名称 Part Name	材质 Material	
阀体 Body	CF8M	CF8
阀盖 Bonnet	CF8M	CF8
球体 Ball	SS316	SS304
阀杆 Stem	SS316	SS304
阀座 Seat	RTFE	
中头垫 Middle head pad	PTFE	
填料压套 Packing sleeve	SS202	
线条杆 Line bar	PTFE	
方向指示片 Direction indicator	聚乙烯 Polyethylene	

主要外形尺寸 Main External and Connecting Dimensions

单位 Unit: mm

NPS	DN	L	d	H	W
1/4"	6	64	4.2	32	85
3/8"	10	64	6	32	95
1/2"	15	68	10	34	108
3/4"	20	78	15	60	115
1"	25	86	18	60	135
1-1/4"	32	111	25	76	150
1-1/2"	40	126	32	85	175
2"	50	143	40	95	190



主要性能规范 Main Performance Specifications

产品规格: NPS 1/4"-3" (DN6-80)
公称压力: PN 1.6MPa
适用介质: 水、空气、油品
适用温度: -20~220°C
螺纹标准: BSPT/BSPP/NPT/DIN/JIS/RC/G
设计制造: GB/T 12224/ANSI B16.34
检验与试验: GB/T 13927/API 598

Product specification: NPS 1/4" ~ 3" (DN6-80)
Nominal pressure: PN 1.6MPa
Applicable media: water, air, oil
Applicable temperature: -20 ~ 220 °C
Thread standard: BSPT/BSPP/NPT/DIN/JIS/RC/G
Design and manufacture: GB/T 12224/ANSI B16.34
Inspection and test: GB/T 13927/API 598

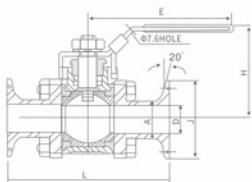
主要部件材质 Material of Main Parts

部件名称 Part Name	材质 Material	
阀体 Body	CF8M	CF8
阀盖 Bonnet	CF8M	CF8
球体 Ball	SS316	SS304
阀杆 Stem	SS316	SS304
阀座 Seat	RTFE	
中头垫 Middle head pad	PTFE	
填料压套 Packing sleeve	SS202	
线条杆 Line bar	PTFE	
方向指示片 Direction indicator	聚乙烯 Polyethylene	

主要外形尺寸 Main External and Connecting Dimensions

单位 Unit: mm

DN(mm)	A	L	H	F	K	Q	S	执行器配置 Actuator configuration
6	146	71	37	16	35	98	71.5	AT52Q
10	146	71	37	16	35	98	71.5	AT52Q
15	146	71	37	16	35	98	71.5	AT52Q
20	146	80	41	20	40	98	71.5	AT52Q
25	170	87	50	24	43	116	83.5	AT63Q
32	170	114	58	31	57	116	96	AT75Q
40	184	130	72	38	65	128	96	AT75Q
50	211	144	80	45	72	136	104	AT83Q
65	265	186	98	58	93	146	109	AT92Q
80	275	206	109	69	103	153	125	AT105Q



主要性能规范 Main Performance Specifications

产品规格: NPS 1/2"~4"
公称压力: PN 1.0/1.6MPa
适用介质: 水、空气、油品
适用温度: -20~120°C
螺纹标准: 按BSPT/BSPP/NPT/DIN/JIS/RC/G
结构长度: GB/T 12221/ASME B16.1
设计制造: GB/T 12224/ANSI B16.34
检验与试验: GB/T 13927/API 598

Product specification: NPS 1/2"~4"
Nominal pressure: PN 1.0/1.6MPa
Applicable media: water, air, oil
Applicable temperature: -20~120°C
Thread standard: according to BSPT/BSPP/NPT/DIN/JIS/RC/G
Structural length: GB/T 12221/ASME B16.1
Design and manufacture: GB/T 12224/ANSI B16.34
Inspection and test: GB/T 13927/API 598

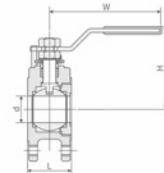
主要部件材质 Material of Main Parts

部件名称 Part Name	材质 Material	
阀体 Body	CF8M	CF8
阀盖 Bonnet	CF8M	CF8
球体 Ball	SS316	SS304
阀杆 Stem	SS316	SS304
阀座 Seat	RTFE	
阀杆密封 Stem seal	PTFE	
中头垫 Middle head pad	PTFE	
填料压套 Packing sleeve	SS202	
手柄 Handle	SS202	
螺母 Nut	SS202	
弹性垫圈 Elastic washer	SS202	
螺帽 Nut	SS202	

主要外形尺寸 Main External and Connecting Dimensions

单位 Unit: mm

NPS	L	A	D	J	H	E
1/2"	97	12.70	9.40	25.4	58.0	122.9
3/4"	110	19.05	15.75	25.4	61.0	122.9
1"	111	25.50	22.20	50.4	68.0	144.9
1-1/4"	127	32.20	28.50	50.4	79.0	165.9
1-1/2"	141	38.20	34.90	50.4	84.5	188.9
2"	155	50.80	47.50	63.9	93.2	188.9
2-1/2"	168.5	63.60	60.30	77.5	131.8	255.3
3"	196.2	76.30	73.00	90.9	140.0	260.8
4"	232.5	101.60	94.40	118.9	173.6	322.2



主要性能规范 Main Performance Specifications

产品规格: DN 15-100(NPS 1/2"~4")
结构长度: Q/SYF012-96
法兰标准: GB/T 9113
传动方式: 手柄或蜗轮
设计制造: GB/T 12224/ANSI B16.34
检验与试验: API 598

Product specification: DN 15-100(NPS 1/2"~4")
Structure length: Q/SYF012-96
Flange standard: GB/T 9113
Transmission mode: handle or worm gear
Design and manufacture: GB/T 12224/ANSI B16.34
Inspection and test: API 598

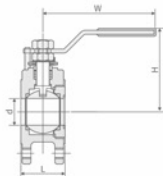
主要部件材质 Material of Main Parts

部件名称 Part Name	材质 Material	
阀体 Body	WCB	CF8M
阀盖 Bonnet	WCB	CF8M
阀座 Seat	RTFE	RTFE
球体 Ball	SS316	SS304
密封垫 Gasket	RTFE	
阀杆 Stem	SS316	
防静电装置 Anti static device	SS304	
填料压套 Packing sleeve	RTFE	
填料压套 Packing gland	SS202	
手柄 Handle	SS202	
螺母 Nut	SS202	

主要外形尺寸 Main External and Connecting Dimensions

单位 Unit: mm

DN	NPS	L	d	H	W
15	1/2"	34	15	70	145
20	3/4"	38	19	77	145
25	1"	42	25	75	166
32	1-1/4"	55	32	88	166
40	1-1/2"	62	38	100	206
50	2"	72	48	108	206
65	2-1/2"	95	64	115	240
80	3"	122	78	135	240
100	4"	142	92	145	240



主要性能规范 Main Performance Specifications

产品规格: DN 15-100(NPS 1/2"-4")
结构长度: Q/SYF012-96
法兰标准: GB/T 9113
传动方式: 手柄或蜗轮
设计制造: GB/T 12224/ANSI B16.34
检验与试验: API 598

Product specification: DN 15-100(NPS 1/2"-4")
Structure length: Q/SYF012-96
Flange standard: GB/T 9113
Transmission mode: handle or worm gear
Design and manufacture: GB/T 12224/ANSI B16.34
Inspection and test: API 598

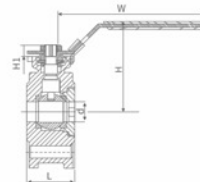
主要部件材质 Material of Main Parts

部件名称 Part Name	材质 Material	
阀体 Body	WCB	CF8M
阀盖 Bonnet	WCB	CF8M
阀座 Seat	RTFE	RTFE
球体 Ball	SS316	SS304
密封垫 Gasket	RTFE	
阀杆 Stem	SS316	
防静电装置 Anti static device	SS304	
填料压套 Packing sleeve	RTFE	
填料压盖 Packing gland	SS202	
手柄 Handle	SS202	
螺母 Nut	SS202	

主要外形尺寸 Main External and Connecting Dimensions

单位 Unit: mm

DN	NPS	L	d	H	W
15	1/2"	34	15	70	145
20	3/4"	38	19	77	145
25	1"	42	25	75	166
32	1-1/4"	55	32	88	166
40	1-1/2"	62	38	100	206
50	2"	72	48	108	206
65	2-1/2"	95	64	115	240
80	3"	122	78	135	240
100	4"	142	92	145	240



主要性能规范 Main Performance Specifications

产品规格: DN 15-100(NPS 1/2"-4")
适用温度: 20-180°C
法兰尺寸: EN 1092-1 ANSI B16.5
检验与试验: API 598

Product specification: DN 15-100(NPS 1/2"-4")
Applicable temperature: 20-180 °C
Flange dimension: EN 1092-1 ANSI B16.5
Inspection and test: API 598

主要部件材质 Material of Main Parts

部件名称 Part Name	材质 Material
阀体 Body	CF8M
阀盖 Bonnet	CF8M
球体 Ball	SS316
阀杆 Stem	SS316
阀座 Seat	RTFE
定位螺帽 Positioning nut	SS202
阀杆密封 Stem seal	PTFE
中头垫 Middle head pad	VITON
填料压套 Packing sleeve	SS202
手柄 Handle	SS202
碟簧 Disc spring	SS202
螺帽 Nut	SS202
O型圈 O-ring	橡胶 Rubber
下螺帽 Lower nut	SS304

主要外形尺寸 Main External and Connecting Dimensions

单位 Unit: mm

DN	NPS	L	d	H	H1	W
15	1/2"	34	15	80	9	145
20	3/4"	38	19	84	9	145
25	1"	42	25	90	11	166
32	1-1/4"	55	32	100	11	166
40	1-1/2"	62	38	115	14	206
50	2"	72	48	120	14	206
65	2-1/2"	95	64	140	17	240
80	3"	122	78	175	17	240
100	4"	142	92	185	17	240

INTERNAL THREAD GATE VALVE SERIES

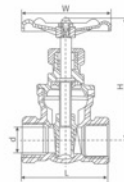
内螺纹闸阀系列



WF 沃弗阀门
WOFER VALVE

GB STANDARD INTERNAL THREAD GATE VALVE

国标内螺纹闸阀



主要性能规范 Main Performance Specifications

产品规格: NPS 1/2"-2"(DN 15-50)
公称压力: PN 1.6-6.4MPa
强度试验压力: PT 2.4-9.6MPa
低压气密封试验压力: 0.6MPa
Z15W-(16-64) C: 水、油品、空气
Z15W-(16-64) P: 硝酸类
Z15W-(16-64) R: 磷酸类
适用温度: -20~180°C

Product specification: NPS 1/2"-2"(DN 15-50)
Nominal pressure: PN 1.6 - 6.4MPa
Strength test pressure: PT 2.4 - 9.6MPa
Sealing test pressure of low pressure gas: 0.6MPa
Z15W - (16-64) C: water, oil and gas
Z15W - (16-64) P: nitric acid
Z15W - (16-64) R: nitric acid
Applicable temperature: -20 - 180 °C

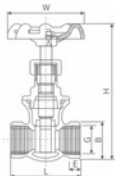
主要部件材质 Material of Main Parts

部件名称 Part Name	材质 Material
阀体 Body	ASTM A351 CF8M/CF8
阀盖 Bonnet	ASTM A351 CF8M/CF8
中轴 Stem	SS 316
中塞 Central Serbia	ASTM A351 GR.CF8M
厚垫片 Gasket	R-PTFE
弹簧片 Spring	SS 304
密封圈 Sealing ring	SS 316
填料 Packing	R-PTFE
填料压套 Packing sleeve	SS 304
六角帽 Hex cap	SS 316
手轮 Handwheel	铝合金 Aluminum alloy

主要外形尺寸 Main External and Connecting Dimensions

单位 Unit: mm

NPS	DN	L	d	H	W
1/2"	15	55	15	92	70
3/4"	20	60	20	99	70
1"	25	66	25	113	80
1-1/4"	32	76	32	128	80
1-1/2"	40	86	40	147	90
2"	50	96	50	168	100



主要性能规范 Main Performance Specifications

产品规格: NPS 1/2" - 4" (DN 15 - 100)
适用温度: -20 - 120°C
公称压力: PN 1.6MPa
设计制造: GB/T 12237/ANSI B16.34
连接尺寸: GB/T 9113.1/ASME B16.5 CLASS150
结构长度: GB/T 12221/ASMW B16.1
螺纹标准: 按BSPT/BSPP/NPT/DIN/JIS/RC/G
检查与测试: GB/T 13927/API 598

Product specification: NPS 1/2" - 4" (DN 15 - 100)
Applicable temperature: -20 - 120 °C
Nominal pressure: PN 1.6MPa
Design and manufacture: GB/T 12237/ANSI B16.34
Connection size: GB/T 9113.1/ASME B16.5 CLASS150
Structural length: GB/T 12221/ASMW B16.1
Thread standard: according to BSPT/BSPP/NPT/DIN/JIS/RC/G
Inspection and test: GB/T 13927/API 598

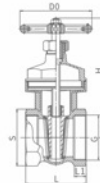
主要部件材质 Material of Main Parts

部件名称 Part Name	材质 Material
阀体 Body	ASTM A351 CF8M/CF8
阀盖 Bonnet	ASTM A351 CF8M/CF8
中轴 Stem	SS 316
中塞 Central Serbia	ASTM A351 GR.CF8M
厚垫片 Gasket	R-PTFE
弹簧片 Spring	SS 304
密封圈 Sealing ring	SS 316
填料 Packing	R-PTFE
填料压套 Packing sleeve	SS 304
六角帽 Hex cap	SS 316
手轮 Handwheel	铝合金 Aluminum alloy

主要外形尺寸 Main External and Connecting Dimensions

单位 Unit: mm

NPS	DN	L	E	B	H	W	G
1/2"	15	52	16	25	90	63	19
3/4"	20	57	18	31	98	63	24
1"	25	62	20	38	108	63	31
1-1/4"	32	71	21.5	46	128	73	39
1-1/2"	40	74	23	51	152	97	45
2"	50	84	24.5	65	166	97	57
2-1/2"	65	105	32	83	198	126	73
3"	80	115	35	98	220	126	85
4"	100	125	40	122	260	140	110



主要性能规范 Main Performance Specifications

产品规格: DN 15 - 80
适用温度: -20 - 100°C
公称压力: PN 1.0MPa
适用介质: 水、油品

Product specification: DN 15 - 80
Applicable temperature: 0 - 100 °C
Nominal pressure: PN1.0MPa
Applicable medium: water and oil

主要部件材质 Material of Main Parts

部件名称 Part Name	材质 Material	
	Z15T-10	Z15W-10
阀体/阀盖/闸板 Body / bonnet / plate	灰铸铁 Cast Iron	
闸杆 Stem	不锈钢 Stainless Steel	
密封垫 Gasket	铜合金 Copper Alloy	
填料 Packing	柔性石墨 Flexible graphite	

主要外形尺寸 Main External and Connecting Dimensions

单位 Unit: mm

DN	G	L	S	H	D0
15	1/2"	60(50)	32	110	55
20	3/4"	65(60)	36	120	55
25	1"	75(65)	46	145	65
32	1 1/4"	85(75)	55	155	65
40	1 1/2"	95(85)	62	180	80
50	2"	110(95)	75	205	100
65	2 1/2"	120(115)	92	236	120
80	3"	150(130)	105	280	140

注: 1. 本产品执行GB/T8464《铁制和铜制螺纹连接阀门》 2. 括号内数值为GB/T12221《金属阀门 结构长度》中N2系列
Note: 1. This product is in accordance with GB/T8464 "iron and copper threaded connection valves"
2. The values in brackets are N2 Series in GB/T12221 "structural length of metal valves"

INTERNAL THREAD GLOBE VALVE SERIES

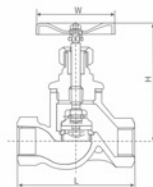
内螺纹截止阀系列



WF[®] 沃弗阀门
WOFER VALVE

GB STANDARD INTERNAL THREAD GLOBE VALVE

国标内螺纹截止阀



主要性能规范 Main Performance Specifications

产品规格: NPS 1/2"~2"
适用温度: -20~120°C
公称压力: PN 1.6MPa
设计制造: GB/T 12237/ANSI B16.34
连接尺寸: GB/T 9113.1/ASME B16.5 CLASS150
结构长度: GB/T 12221/ASMW B16.1
螺纹标准: 按BSP/T/BSP/NPT/DIN/JIS/RC/G
检验与试验: GB/T 13927/API 598

Product specification: NPS 1/2" ~ 2"
Applicable temperature: -20 ~ 120 °C
Nominal pressure: PN 1.6MPa
Design and manufacture: GB/T 12237/ANSI B16.34
Connection size: GB/T 9113.1/ASME B16.5 CLASS150
Structural length: GB/T 12221/ASMW B16.1
Thread standard: according to BSP/T/BSP/NPT/DIN/JIS/RC/G
Inspection and test: GB/T 13927/API 598

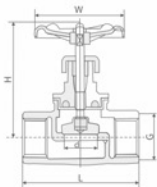
主要部件材质 Material of Main Parts

部件名称 Part Name	材质 Material
阀体 Body	不锈钢, CF8M
阀杆 Stem	不锈钢, CF8M
阀盖 Bonnet	不锈钢, CF8M
金属垫片 Metal gasket	不锈钢, SS304
填料 Packing	聚四氟乙烯, PTFE
填料压套 Packing sleeve	不锈钢, SS316, 304
填料压盖螺母 Packing gland nut	不锈钢, SS316, 304
金属垫片 Metal gasket	不锈钢, SS316, 304
弹性垫圈 Elastic washer	不锈钢, SS316, 304
螺帽 Nut	不锈钢, SS316, 304

主要外形尺寸 Main External and Connecting Dimensions

单位 Unit: mm

NPS	L	W	H
1/2"	87	63	97
3/4"	97	72	103
1"	117	72	110
1-1/4"	135	97	142
1-1/2"	163	98	167
2"	188	126	182



主要性能规范 Main Performance Specifications

产品规格: NPS 1/2"~2" (DN15~50)
适用温度: -20~120°C
公称压力: PN 1.6MPa
设计制造: GB/T 12237/ANSI B16.34
连接尺寸: GB/T 9113.1/ASME B16.5 CLASS150
结构长度: GB/T 12221/ASME B16.1
螺纹标准: 按BSPT BSP/NPT/DIN/JIS/RC/G
检验与试验: GB/T 13927/API 598

Product specification: NPS 1/2"~2" (DN15~50)
Applicable temperature: -20~120°C
Nominal pressure: PN 1.6MPa
Design and manufacture: GB/T 12237/ANSI B16.34
Connection size: GB/T 9113.1/ASME B16.5 CLASS150
Structural length: GB/T 12221/ASME B16.1
Thread standard: according to BSPT/BSP/NPT/DIN/JIS/RC/G
Inspection and test: GB/T 13927/API 598

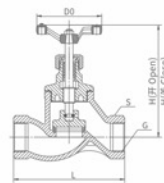
主要部件材质 Material of Main Parts

部件名称 Part Name	材质 Material
阀体 Body	ASTM A351 CF8M/CF8
阀盖 Bonnet	ASTM A351 CF8M/CF8
中轴 Centre shaft	SS 316
中塞 Middle stopper	SS 316
六角帽 Hexagonal nuts	SS 316
填料压套 Packing sleeve	SS 304
填料 Packing	R-PTFE
垫圈 Gasket	SS 304
密封圈 Seal ring	R-PTFE
手轮 Handwheel	ASTM B85

主要外形尺寸 Main External and Connecting Dimensions

单位 Unit: mm

NPS	DN	L	H	W	G
1/2"	15	60	88	63	19
3/4"	20	75	90	63	24
1"	25	85	100	73	31
1-1/4"	32	99	120	96	39
1-1/2"	40	115	130	96	45
2"	50	132	143	107	57
2-1/2"	65	164	190	125	73
3"	80	188	205	125	85



主要性能规范 Main Performance Specifications

产品规格: DN 15-65
适用温度: -100~200°C
公称压力: PN 1.6MPa
适用介质: 水、空气、油品

Product specification: DN 15~65
Applicable temperature: 100~200°C
Nominal pressure: PN 1.6MPa
Applicable media: water, air, gas and oil

主要部件材质 Material of Main Parts

零件名称 Part Name	材质 Material			
	J11T-16	J11W-16	J11H-16	J11F-16
阀体/阀盖/阀板 Body/bonnet/plate	灰铸铁 Grey cast iron			
阀瓣 Disc	灰铸铁 Grey cast iron			
阀杆 Stem	不锈钢 Stainless steel			
密封圈 Sealing ring	铜合金 Copper alloy	-	不锈钢 Stainless steel	氟塑料 Fluorine plastic
填料 Packing	柔性石墨 Flexible graphite			

主要外形尺寸 Main External and Connecting Dimensions

单位 Unit: mm

DN	G	L	S	H (关 Close)	H (开 Open)	D0
15	1/2"	90	32	109	117	55
20	3/4"	100	36	109	117	55
25	1"	120(115)	46	132	142	80
32	1 1/4"	140(130)	55	156	168	100
40	1 1/2"	170(150)	65	167	182	100
50	2"	200(180)	80	182	200	120
65	2 1/2"	260(190)	95	200	223	140

注: 1、本产品执行GB/T8464《铁制和铜制螺纹连接阀门》 2、括号内数据为GB/T12221《金属阀门 结构长度》N11系列。
Note: 1. This product is in accordance with GB/T8464 "iron and copper threaded connection valves".
2. The data in brackets is N11 series of GB/T12221 "structural length of metal valves".

INTERNAL THREAD CHECK
VALVE SERIES

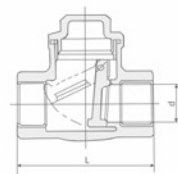
内螺纹止回阀系列



WF[®] 沃弗阀门
WOFER VALVE

INTERNAL THREAD SWING CHECK VALVE (H14W)

内螺纹旋启式止回阀 (H14W)



主要性能规范 Main Performance Specifications

产品规格: NPS 1/2"~2" (DN15~50)
适用温度: -20~120°C
公称压力: PN 1.6MPa
设计制造: GB/T 12237/ANSI B16.34
连接尺寸: GB/T 9113.1/ASME B16.5 CLASS150
结构长度: GB/T 12221/ASMW B16.1
螺纹标准: 按BSP/T/BSP/NPT/DIN/JIS/RC/G
检验与试验: GB/T 13927/API 598

Product specification: NPS 1/2"~2" (DN15~50)
Applicable temperature: -20~120 °C
Nominal pressure: PN 1.6MPa
Design and manufacture: GB/T 12237 / ANSI B16.34
Dimension reference: GB/T 9113.1/ASME B16.5 CLASS150
Structural length: GB/T 12221/ASMW B16.1
Thread standard: according to BSP/T/BSP/NPT /DIN/JIS /RC /G
Inspection and test: GB/T 13927/API 598

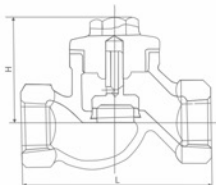
主要部件材质 Material of Main Parts

部件名称 Part Name	材质 Material
阀体 Body	不锈钢, CF8M, CF8
阀杆 Stem	不锈钢, CF8M, CF8
阀盖 Bonnet	不锈钢, CF8M, CF8
线条杆 Line bar	聚四氟乙烯 Teflon
螺栓 Bolt	不锈钢, SS316, 304
四氟垫片 PTFE gasket	聚四氟乙烯 Teflon
金属垫片 Metal gasket	不锈钢, SS316, 304
销 pin	不锈钢, SS316, 304

主要外形尺寸 Main External and Connecting Dimensions

单位 Unit: mm

NPS	DN	L	d	H
1/2"	15	65	15	44
3/4"	20	80	20	53
1"	25	90	25	58
1-1/4"	32	105	32	62
1-1/2"	40	120	40	73
2"	50	141	50	78



主要性能规范 Main Performance Specifications

产品规格: NPS 1/2"~2-1/2"
适用温度: -20~120°C
公称压力: PN 63/1000WOG
设计制造: GB/T 12237/ANSI B16.34
连接尺寸: GB/T 9113.1/ASME B16.5 CLASS150
结构长度: GB/T 12221/ASMW B16.1
螺纹标准: 按BSPT/BSPP/NPT/DIN/JIS/RC/G
检查与测试: GB/T 13927/API 598

Product specification: NPS 1/2"~2-1/2"
Applicable temperature: -20~120°C
Nominal pressure: PN 63/1000WOG
Design and manufacture: GB/T 12237/ANSI B16.34
Connection size: GB/T 9113.1/ASME B16.5 CLASS150
Structural length: GB/T 12221/ASMW B16.1
Thread standard: according to BSPT/BSPP/NPT/DIN/JIS/RC/G
Inspection and test: GB/T 13927/API 598

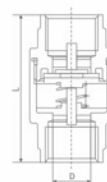
主要部件材质 Material of Main Parts

部件名称 Part Name	材质 Material
阀体 Body	不锈钢, CF8M, CF8
阀杆 Stem	不锈钢, CF8M, CF8
阀盖 Bonnet	不锈钢, CF8M, CF8
线条杆 Line bar	聚四氟乙烯, PTFE

主要外形尺寸 Main External and Connecting Dimensions

单位 Unit: mm

NPS	L	H
1/2"	90	46
3/4"	100	50
1"	120	57
1-1/4"	140	61
1-1/2"	170	77
2"	200	82
2-1/2"	260	95



主要性能规范 Main Performance Specifications

产品规格: NPS 3/8"-3" (DN10-80)
适用温度: -20~180°C
公称压力: PN 1.6~6.4MPa
设计制造: GB/T 12237/ANSI B16.34
连接尺寸: GB/T 9113.1/ASME B16.5 CLASS150
结构长度: GB/T 12221/ASMW B16.1
螺纹标准: 按BSPT/BSPP/NPT/DIN/JIS/RC/G
检验与测试: GB/T 13927/API 598

Product specification: NPS 3/8"-3" (DN10-80)
Applicable temperature: -20~180°C
Nominal pressure: PN 1.6~6.4MPa
Design and manufacture: GB/T 12237/ANSI B16.34
Connection size: GB/T 9113.1/ASME B16.5 CLASS150
Structural length: GB/T 12221/ASMW B16.1
Thread standard: according to BSPT/BSPP/NPT/DIN/JIS/RC/G
Inspection and test: GB/T 13927/API 598

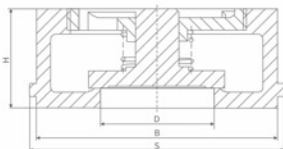
主要部件材质 Material of Main Parts

部件名称 Part Name	材质 Material
阀体 Body	不锈钢, CF8M, CF8
阀盖 Bonnet	不锈钢, CF8M, CF8
阀杆 Stem	不锈钢, CF8M, CF8
阀座 Seat	氟橡胶 Fluororubber
线条杆 Line bar	聚四氟乙烯 Teflon
弹簧 Spring	不锈钢, SS316, 304

主要外形尺寸 Main External and Connecting Dimensions

单位 Unit: mm

NPS	DN	L	D
3/8"	10	56	11
1/2"	15	61	14
3/4"	20	69	18
1"	25	82	24
1-1/4"	32	92	31
1-1/2"	40	107	38
2"	50	121	47
2-1/2"	65	127	64
3"	80	168	80



主要性能规范 Main Performance Specifications

产品规格: DN 15-150
适用温度: -20-180°C
公称压力: PN 1.6-6.4MPa
设计制造: GB/T 12237/ANSI B16.34
连接尺寸: GB/T 9113.1/ASME B16.5
结构长度: GB/T 12221/ASME B16.1
螺纹标准: 按BSPT/BSPP/NPT/DIN/JIS/RC/G
检验与试验: GB/T 13927/API 598

Product specification: DN15 - 150
Applicable temperature: -20 - 180 °C
Nominal pressure: PN 1.6-6.4MPa
Design and manufacture: GB/T 12237 / ANSI B16.34
Connection size: GB/T 9113.1/ASME B16.5
Structural length: GB/T 12221/ASME B16.1
Thread standard: according to BSPT/BSPP/NPT/DIN/JIS/RC/G
Inspection and test: GB/T 13927/API 598

主要部件材质 Material of Main Parts

部件名称 Part Name	材质 Material
阀体 Body	不锈钢、CF8M、CF8
阀盖 Bonnet	不锈钢、CF8M、CF8
阀杆 Stem	不锈钢、CF8M、CF8
阀座 Seat	氟橡胶 Fluororubber
线条杆 Line bar	聚四氟乙烯 Teflon
弹簧 Spring	不锈钢、SS316、304

主要外形尺寸 Main External and Connecting Dimensions

单位 Unit: mm

DN	D	B	S	H
20	17	54	60	28
25	25	66	71	30
32	32	77	82	33
40	40	85	92	36
50	50	100	105	40
65	64	121	127	50
80	71	136	143	60
100	92	155	163	70
125	117	182	188	82
150	135	205	215	100



主要性能规范 Main Performance Specifications

产品规格: DN 40-600
公称压力: PN 1.6MPa
适用介质: 水、空气、油品、酸类
适用温度: -20-120°C
螺纹标准: BSPT/BSPP/NPT/DIN/JIS/RC/G
设计制造: GB/T 12237/ANSI B16.34
连接尺寸: GB/T 9113.1/ASME B16.5 CLASS150
检验与试验: GB/T 13927/API 598

Product specification: DN 40 - 600
Nominal pressure: PN1.6MPa
Applicable media: water, air, oil, acid
Applicable temperature: -20 - 120 °C
Thread standard: BSPT/BSPP/NPT/DIN/JIS/RC/G
Design and manufacture: GB/T 12237 / ANSI B16.34
Connection size: GB/T 9113.1/ASME B16.5 CLASS150
Inspection and test: GB/T 13927/API 598

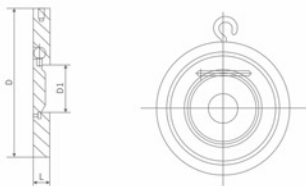
主要部件材质 Material of Main Parts

部件名称 Part Name	材质 Material
阀体 Body	不锈钢、CF8M、CF8
阀盖 Bonnet	不锈钢、CF8M、CF8
阀瓣 Valve disc	不锈钢、CF8M、CF8
阀座 Seat	氟橡胶 Fluororubber
线条 line	聚四氟乙烯 Teflon
弹簧 Spring	不锈钢、SS316、304

主要外形尺寸 Main External and Connecting Dimensions

单位 Unit: mm

公称压力 PN(MPa)	公称口径 DN(mm)	尺寸 Dimensions(mm)				重量 WT (kg)	配管法兰(供参考) Piping flange (for reference)			
		L	D	D3	D2		D1	n	螺栓数量 d Number of bolts	螺栓长度 D Bolt length
1.6	40	43	92	55	41	1.8	110	4	M16	105
	50	43	107	65.5	51	2	125	4	M16	150
	65	46	127	81	65	3	145	4	M16	155
	80	64	142	95	80	4	160	8	M16	160
	100	64	162	117.5	102	6	180	8	M16	165
	125	70	192	145.5	127	8	210	8	M16	180
	150	76	218	170.5	152	13	240	8	M20	205
	200	89	273	227.5	203	24	295	12	M20	235
	250	114	330	266	254	37	355	12	M24	265
	300	114	385	312	305	50	410	12	M24	305
	350	127	445	361	350	80	470	16	M24	310
	400	140	495	406	400	110	525	16	M27	330
	450	152	555	450	450	145	585	20	M27	345
	600	152	615	505	500	180	650	20	M30	370
	600	178	730	624	600	280	770	20	M33	380



产品执行标准 Product Enforce Standard

产品规范 Product specification	设计规范 Design spec	结构长度 Face to face	连接法兰 Flange end	试验与检验 Test & check	压力-温度 Pressure-temp
	GB/T 12233	GB/T 12221	JB/T 79, HG/T 20592, GB/T9113	JB/T 9092, GB/T13927	GB/T 9131

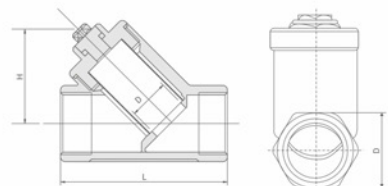
产品性能规范 Product Performance Specifications

公称压力 (MPa) Nominal pressure	1.6	2.5	4.0
密封试验压力 (MPa) Seal test pressure	1.76	2.75	4.4
壳体试验压力 (MPa) Shell test pressure	2.4	3.75	6.0
适用温度 (°C) Applicable temperature	WCB ≤ 350, 304/316 ≤ 200		
材料 Material	阀体 Body	WCB, 304, 316	
	阀板 Plate	WCB, 304, 316	
	密封环 Sealing ring	合金钢, 橡胶 Alloy steel, rubber	

主要外形尺寸 Main External and Connecting Dimensions

单位 Unit: mm

公称通径 DN(mm)	L			D1	D			
	PN1.0, 1.6MPa	PN2.5, 4.0MPa			1.0MPa	1.6MPa	2.5MPa	4.0MPa
50	19	19	25	109	109	109	109	
65	19	19	38	129	129	129	129	
80	19	19	46	144	144	144	144	
100	19	19	71.5	164	164	170	170	
125	19	19	95	194	194	196	196	
150	19	29	114	220	220	226	226	
200	29	29	140	275	275	286	293	
250	29	38	188	330	331	343	355	
300	38	51	216	380	386	403	420	
350	44	51	263	440	446	460	477	
400	51	51	305	491	495	517	549	
450	60	76	356	541	558	567	574	
500	64	83	406	596	620	622	626	
600	70	90	482	698	732	734	745	



主要性能规范 Main Performance Specifications

产品规格: NPS 1/4"-2"
适用温度: -20~120°C
公称压力: PN 1.0/1.6MPa
设计制造: GB/T 12237/ANSI B16.34
连接尺寸: GB/T 9113.1/ASME B16.5
结构长度: GB/T 12221/ASME B 16.1
螺纹标准: 按 BSPT/ BSP/ NPT/ DIN/ JIS/ RC/ G
检验与试验: GB/T 13927/API 598

Product specification: NPS 1/4"-2"
Applicable temperature: -20 ~ 120°C
Nominal pressure: PN 1.0/1.6MPa
Design and manufacture: GB/T 12237/ANSI B16.34
Connection size: GB/T 9113.1/ASME B16.5
Structural length: GB/T 12221/ASME B16.1
Thread standard: according to BSPT/ BSP/ NPT/ DIN/ JIS/ RC/ G
Inspection and test: GB/T 13927/API 598

主要部件材质 Material of Main Parts

部件名称 Part Name	材质 Material
阀体 Body	不锈钢, CF8M
阀盖 Bonnet	不锈钢, CF8M
阀杆 Stem	不锈钢, CF8M
阀座 Seat	氟橡胶 Fluororubber
线条杆 Line bar	聚四氟乙烯 TEFLON, PTFE
金属垫片 Metal gasket	不锈钢, SS304, 304
弹性垫圈 Elastic washer	不锈钢, SS316, 304
螺母 Nut	不锈钢, SS316, 304
弹簧 Spring	不锈钢, SS316, 304

主要外形尺寸 Main External and Connecting Dimensions

单位 Unit: mm

NPS	L	D	H
1/4"	78	15	50
3/8"	78	15	50
1/2"	78	15	50
3/4"	93	20	60
1"	108	25	70
1-1/4"	128	32	84
1-1/2"	143	40	92
2"	173	50	118

FLANGE BALL VALVE SERIES

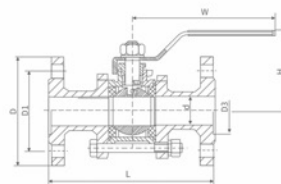
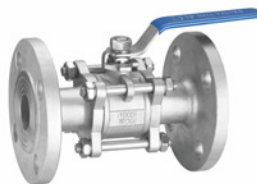
法兰球阀系列



WF® 沃弗阀门
WOFER VALVE

THREE PIECE FLANGE BALL VALVE

三片式法兰球阀



主要性能规范 Main Performance Specifications

产品规格: DN 15-100
公称压力: PN 1.6MPa
适用介质: 水、气、油品
适用温度: -20~120°C
螺纹标准: BSPT/BSP/NPT/DIN/JIS/RC/G
设计制造: GB/T 12224/ANSI B16.34
检验与试验: GB/T 13927/API 598
气压测试: 1.6MPa

Product specification: DN 15 - 100
Nominal pressure: PN 1.6MPa
Applicable medium: water, gas and oil
Applicable temperature: -20 - 120 °C
Thread standard: BSPT/BSP/NPT/DIN/JIS/RC/G
Design and manufacture: GB/T 12224/ANSI B16.34
Inspection and test: GB/T 13927/API 598
Air pressure test: 1.6MPa

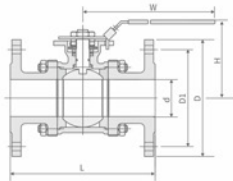
主要部件材质 Material of Main Parts

部件名称 Part Name	材质 Material	
阀体 Body	CF8M	CF8
阀盖 Bonnet	CF8M	CF8
球体 ball	SS316	SS304
阀杆 Stem	SS316	SS304
阀座 Seat	RTFE	RTFE
阀杆密封 Stem seal	PTFE	PTFE
中头垫 Middle head pad	PTFE	PTFE
填料压套 Packing sleeve	SS202	SS202
手柄 Handle	SS202	SS202
胶套 Rubber sleeve	PLASTIC	PLASTIC
弹性垫圈 Elastic washer	SS202	SS202
螺母 Nut	SS202	SS202
螺栓 Bolt	SS202	SS202
弹性垫圈 Elastic washer	A193Gr.B8	A193Gr.B8

主要外形尺寸 Main External and Connecting Dimensions

单位 Unit: mm

DN	L	d	H	D	D1	D3	W
15	130	15	57	95	65	40	105
20	150	20	63	105	75	51	118
25	158	25	77	115	85	58	128
32	175	32	80	140	100	66	137
40	202	39	92	150	110	76	170
50	227	50	102	165	125	88	170
65	284	65	115	185	145	110	215
80	316	78	136	200	160	121	235
100	348	100	178	220	180	150	318



主要性能规范 Main Performance Specifications

产品规格: DN15-50
公称压力: PN 1.6MPa
适用介质: 水、气、油品
适用温度: -20~280°C
螺纹标准: BSPT/BSNPT/DIN/JIS/RC/G
设计制造: GB/T 12224/ANSI B16.34
检验与试验: GB/T 13927/API 598
气压测试: 1.6MPa

Product specification: DN15-50
Nominal pressure: PN 1.6MPa
Applicable medium: water, gas and oil
Applicable temperature: -20~280°C
Thread standard: BSPT/BSNPT/DIN/JIS/RC/G
Design and manufacture: GB/T 12224/ANSI B16.34
Inspection and test: GB/T 13927/API 598
Air pressure test: 1.6MPa

主要部件材质 Material of Main Parts

部件名称 Part Name	材质 Material	
阀体 Body	CF8M	CF8
阀盖 Bonnet	CF8M	CF8
球体 Ball	SS316	SS304
阀杆 Stem	SS316	SS304
阀座 Seat	RTFE	RTFE
阀杆密封 Stem seal	PTFE	PTFE
中头垫 Middle head pad	PTFE	PTFE
填料压套 Packing sleeve	SS202	SS202
弹性垫圈 Elastic washer	SS302	SS302
螺母 Nut	SS302	SS302
螺栓 Bolt	SS302	SS302
弹性垫圈 Elastic washer	SS302	SS302

主要外形尺寸 Main External and Connecting Dimensions

单位 Unit: mm

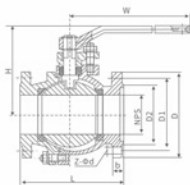
DN	L	d	H	D	D1	W
15	130	15	72	95	65	145
20	150	20	75	105	75	145
25	158	25	85	115	85	166
32	175	32	100	140	100	166
40	202	39	110	150	110	206
50	227	50	125	165	125	206

主要性能规范 Main Performance Specifications

产品规范 Product Specification	设计规范 Design Spec.	结构长度 Face to Face	连接法兰 Flange End	试验与检验 Test & Check	产品标识 Marking	供货规范 Supply
	API600	ANSI B16.10	ANSI B16.5	API598	MSS SP-25	API608
API6D	API 6D	API 6D		API6D	API6D	

主要零件材质 Material of Main Parts

NO	零件名称 Part Name	碳钢 Carbon steel	18Cr-9Ni-2Mo	碳钢 Carbon steel	0Cr18Ni9
1	阀体 Body	A216-WCB	A351-CF8M	A352-LCB	A351-CF8
2	阀盖 Bonnet	A216-WCB	A351-CF8M	A352-LCB	A351-CF8
3	球体 Ball	A182-F304	A182-F316	A182-F304	A182-F304
4	阀杆 Stem	A276-304	A276-316	A276-304	A276-304
5	阀座 Seat	R.PTFE			
6	垫片 Gasket	石墨 Graphite+304	PTFE	石墨 Graphite+304	PTFE
7	阀盖螺栓 Bonnet bolts	A193-B7	A193-B8M	A320-L7	A193-B8
8	阀盖螺母 Bonnet nut	A194-2H	A194-8M	A194-7	A194-8
9	填料 Packing	PTFE			
10	填料压板 Packing Gland	A216-WCB	A351-CF8M	A351-LCB	A35-CF8
11	填料螺栓 Packing bolts	A193-B7	A193-B8M	A193-B7	A193-B8
12	定位片 Locating piece	碳钢 Carbon steel	201	碳钢 Carbon steel	201
13	手柄 Handle	碳钢 Carbon steel			



主要外形尺寸及连接尺寸 Main External and Connecting Dimensions

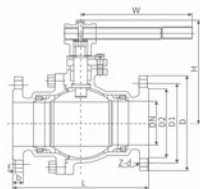
单位Unit:mm

压力等级 Class	DN	NPS	L	D	D1	D2	f	b	z-φd	H	W
Class150Lb	15	1/2	108	90	60.3	34.9	2	8	4-16	188	120
	20	3/4	117	100	69.9	42.9	2	8.9	4-16	202	120
	25	1	127	110	79.4	50.8	2	9.6	4-16	225	140
	32	1-1/4	140	115	88.9	63.5	2	11.2	4-16	252	160
	40	1-1/2	165	125	98.4	73	2	12.7	4-16	277	180
	50	2	178	150	120.7	92.1	2	14.3	4-19	323	200
	65	2-1/2	190	180	139.7	104.8	2	15.9	4-19	347	240
	80	3	203	190	152.4	127	2	17.5	4-19	383	240
	100	4	229	230	190.5	157.2	2	22.3	8-19	457	280
	125	5	356	255	215.9	185.7	2	22.3	8-22.5	580	300
	150	6	394	280	241.3	215.9	2	23.9	8-22.5	635	300
	200	8	457	345	298.5	269.9	2	27	8-22.5	762	350
250	10	533	405	362	323.8	2	28.6	12-25.5	910	400	
300	12	610	485	431.8	381	2	30.2	12-25.5	1080	500	

主要外形尺寸及连接尺寸 Main External and Connecting Dimensions

单位Unit:mm

压力等级 Class	DN	NPS	L	D	D1	D2	f	b	z-φd	H	W
Class300Lb	15	1/2	140	95	66.7	35	2	12.7	4-φ16	155	140
	20	3/4	152	115	82.6	43	2	14.3	4-φ19	160	140
	25	1	165	125	88.9	50.8	2	15.9	4-φ19	186	160
	32	1-1/4	178	135	98.4	63.5	2	17.5	4-φ19	216	180
	40	1-1/2	190	155	114.3	73	2	19.1	4-φ22.5	250	200
	50	2	216	165	127	92	2	20.7	8-φ19	330	220
	65	2-1/2	241	190	149.2	104.8	2	23.9	8-φ22.5	368	250
	80	3	282	210	168.3	127	2	27	8-φ22.5	400	300
	100	4	305	255	200	157.2	2	30.2	8-φ22.5	473	300
	125	5	381	280	235	185.7	2	33.4	8-φ22.5	660	350
	150	6	403	320	269.9	215.9	2	35	12-φ22.5	711	400
	200	8	502	380	330.2	269.9	2	39.7	12-φ25.5	813	450
Class600Lb	15	1/2	165	95	66.7	34.9	7	14.3	4-φ16	155	160
	20	3/4	190	115	82.6	42.9	7	15.9	4-φ19	160	190
	25	1	216	125	88.9	50.8	7	17.5	4-φ19	186	200
	32	1-1/4	229	135	98.4	63.5	7	20.7	4-φ19	216	220
	40	1-1/2	241	155	114.3	73	7	22.3	4-φ22.5	250	240
	50	2	292	165	127	92.1	7	25.4	8-φ19	375	280
	65	2-1/2	330	190	149.2	104.8	7	28.6	8-φ22.5	425	320
	80	3	356	210	168.3	127	7	31.8	8-φ22.5	475	350
	100	4	432	275	215.9	157.2	7	38.1	8-φ25.5	568	400
	125	5	508	330	266.7	185.7	7	44.5	8-φ28.5	610	500
	150	6	559	355	292.1	215.9	7	47.7	12-φ28.5	730	550



性能参数 Performance Parameter

项目名称 Project Name	PN 16	PN 25	PN 40	PN 64
公称压力(MPa) Nominal pressure	1.6	2.5	4.0	6.4
壳体强度试验压力(MPa) Shell strength	常温下公称压力的1.5倍 1.5 times of nominal pressure at normal temperature			
高压试验压力(MPa) High pressure test	常温下公称压力的1.1倍 1.1 times of nominal pressure at normal temperature			
常温下工作压力(MPa) Normal temperature	<1.6	<2.5	<4.0	<6.4
适用温度 Applicable temperature	-29~121°C		-40~121°C	
适用介质 Applicable media	水、油、天然气 Water, Oil, Steam		硝酸类 Nitric Acid	

产品规范 Product Specification

产品规范 Product Specification	设计规范 Design Spec.	结构长度 Face to Face	连接法兰 Flange End	试验与检验 Test & Check	产品标识 Marking	供货规范 Supply
GB/T 12237 JB/T7745	GB/T 12221 JB/T 7745	GB/T 12221 JB/T 7745	JN/T 79	JB/T 9092	GB/T 12220	JB/T 7928

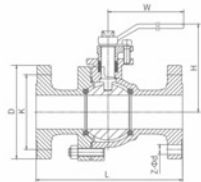
主要部件材质 Material of Main Parts

零件名称 Part name	零部件材料 Part Material					
	JB/T7298		API608/API6D			
阀盖 Bonnet	WCB	25	ZG1Cr18Ni9Ti	WCB	A105	CF8M
阀体 Body	20Cr13	20Cr13	1Cr18Ni9Ti	A182-F304	A182-F304	A182-F316
阀杆 Stem	20Cr13	20Cr13	1Cr18Ni9Ti	A182-F6a	A182-F6a	A182-F316
阀座 Seat	25	1Cr18Ni9Ti		A105	A182-F316	
密封圈 Seal Ring	PTFE	R.PTFE		PTFE	R.PTFE	
填料 Packing	聚四氟乙烯 TEFLON/PTFE+PPM		聚四氟乙烯 TEFLON/PTFE+PPM			
垫片 Gasket	18-8柔性石墨/18-8Flexible Graphite+聚四氟乙烯 TEFLON/PTFE+PPM					
螺栓 Bolt	35	35	1Cr18Ni9Ti	A193-B7	A193-B7	A193-B8M

主要外形尺寸 Main External and Connecting Dimensions

单位Unit:mm

产品型号 Type	公称通径 DN	PN1.6/2.5/4.0/6.4MPa							
		L	D	D1	D2	b	z-φ	H	W
Q41F-16C Q41-16P	15	130	95	65	45	14	4-φ14	78	130
	20	130/140	105	75	55	14	4-φ14	84	130
	25	140/150	115	85	65	14	4-φ14	95	160
	32	165	135/140	100	78	16	4-φ18	150	160
	40	165/180	145/150	110	85	16	4-φ18	150	180
Q641F-16C Q641-16P	50	203/200	160/165	125	100	16	4-φ18	170	200
	65	222/220	180/185	145	120	18	4-φ18	195	240
Q9B41F-16C Q9B41F-16P	80	241/250	195/200	160	135	20	8-φ18	215	240
	100	305/280	215/220	180	155	20	8-φ18	250	280
	125	356/320	245/250	210	185	22	8-φ18	265	300
	150	394/360	280/285	240	210	24	8-φ23	270	300
	200	457/400	335/340	295	265	26	12-φ23	330	350
Q41F-25 Q41-25P	15	130	95	65	45	16	4-φ14	103	130
	20	130/140	105	75	55	16	4-φ14	112	130
	25	140/150	115	85	65	16	4-φ14	123	160
	32	165	135/140	100	78	18	4-φ18	150	160
	40	165/180	145/150	110	85	18	4-φ18	156	180
Q641F-25 Q641F-25P	50	200/203	160/165	125	100	20	4-φ18	172	200
	65	220/222	180/185	145	120	22	8-φ18	197	240
Q9B41F-25 Q9B41F-25P	80	241/250	195/200	160	135	22	8-φ18	222	240
	100	280/305	230/235	190	160	24	8-φ23	253	280
	125	320/356	270	220	188	28	8-φ25	275	300
	150	360/394	300	250	218	30	8-φ25	286	300
	200	400/457	360	310	278	34	12-φ25	360	350
Q41F-40 Q41F-40P	15	130/140	95	65	45	16	4-φ14	103	130
	20	140/152	105	75	55	16	4-φ14	112	130
	250	150/165	115	85	65	16	4-φ14	123	160
	32	178/180	135/140	100	78	18	4-φ18	150	160
	40	190/200	145/150	110	85	18	4-φ18	156	180
Q341F-40 Q341F-40P	50	216/220	160/165	125	100	20	4-φ18	172	200
	65	241/250	180/185	145	120	22	8-φ18	197	240
Q641F-40 Q641F-40P	80	280/283	195/200	160	135	22	8-φ18	222	240
	100	305/320	230/235	190	160	24	8-φ23	253	280
	125	381/400	270	220	188	28	8-φ25	275	300
	150	400/403	300	250	218	30	8-φ25	286	300
	200	502/550	375	320	282	38	12-φ30	340	350
Q41F-64 Q41F-64P	15	140	105	75	55	18	4-φ14	105	130
	20	150	125/130	90	68	20	4-φ18	125	130
	25	180	135/140	100	78	22	4-φ18	135	160
	32	200	150/155	110	82	24	4-φ23	150	160
	40	220	165/170	125	95	24	4-φ23	165	240
Q641F-64 Q641F-64P	50	250/292	175/180	135	105	26	4-φ23	175	240
	65	280/330	200/205	160	130	28	8-φ23	200	280
Q9B41F-64 Q9B41F-64P	80	320/356	210/215	170	140	30	8-φ23	210	300
	100	360/432	250	200	168	32	8-φ25	250	300
Q9B41F-64 Q9B41F-64P	125	455/508	295	240	202	36	8-φ30	295	350
	150	495	340/345	280	240	38	8-φ34	340	400



主要性能规范 Main Performance Specifications

产品规格: NPS 1/2"-8" (DN15-200)
公称压力: JIS 10K/20K
适用介质: 水、空气、油品
适用温度: -34~177°C

Product specification: NPS 1/2" - 8" (DN 15-200)
Nominal pressure: JIS 10K/20K
Applicable medium: water, gas and oil
Applicable temperature: -34 - 177 °C

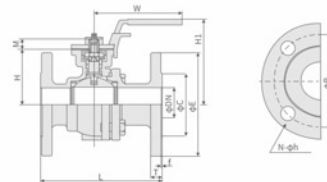
主要部件材质 Material of Main Parts

部件名称 Part Name	材质 Material		
阀体 Body	WCB	CF8	CF8M
阀盖 Bonnet	CF8		CF8M
球体 Ball	SS304		SS316
阀杆 Stem	SS304		SS316
密封垫 Gasket		PTFE	
填料 Packing		PTFE	

主要外形尺寸 Main External and Connecting Dimensions

单位 Unit: mm

NPS	DN(mm)	H	W	L	D	K	Z-φd
1/2"	15	65	120	108	98	70	4X15
3/4"	20	72	120	117	100	75	4X15
1"	25	83	140	127	125	90	4X19
1-1/4"	32	90	160	140	135	100	4X19
1-1/2"	40	100	180	165	140	105	4X19
2"	50	110	200	178	155	120	4X19
2-1/2"	65	130	240	190	175	140	4X19
3"	80	140	260	203	185	150	8X19
4"	100	165	320	229	210	175	8X19
5"	125	250	600	356	250	210	8X23
6"	150	270	600	394	280	240	8X23
8"	200	320	800	457	330	290	12X23



主要性能规范 Main Performance Specifications

产品规格: DN 15-200
适用温度: -40~180°C
公称压力: PN 1.6MPa
适用介质: 水、油品、空气、硝酸类、醋酸类
设计制造: GB/T 12237-2007
防火测试: API 607-1993
结构长度: GB/T 12221-1989
连接法兰: GB/T 9113.1
检查与测试: GB/T 13927-1992

Product specification: DN 15 - 200
Applicable temperature: -40 - 180 °C
Nominal pressure: PN 1.6MPa
Applicable media: water, oil, gas, nitric acid, acetic acid
Design and manufacture: GB/T 12237-2007
Fire test: API 607-1993
Structural length: GB/T 12221-1989
Connecting flange: GB/T 9113.1
Inspection and testing: GB/T 13927-1992

主要外形尺寸 Main External and Connecting Dimensions

Q41F-16 PN1.6MPa(GB/T9113, RF)

DN(mm)	L	φE	φB	φC	D1	T	f	N-φh	H	H1	W	M
15	130	95	65	46	/	14	2	4-14	48	80	145	13
20	130	105	75	56	/	16	2	4-14	53	86	145	14
25	140	115	85	65	/	16	2	4-14	63.5	92	165	14
32	165	140	100	76	/	18	2	4-18	72	99	165	14
40	165	150	110	84	/	18	2	4-18	77	124	200	16
50	203	165	125	99	/	20	2	4-18	85	132	200	22
65	222	185	145	118	/	20	2	4-18	106	160	290	20
80	241	200	160	132	/	20	2	8-18	121	183	290	20
100	280	220	180	156	/	22	2	8-18	143	220	360	24
125	325	250	210	184	/	22	2	8-18	183	231	600	27
150	350	285	240	211	/	24	2	8-22	201	250	800	27
200	400	340	295	266	/	24	2	12-22	252	300	1000	27

主要部件材质 Material of Main Parts

部件名称 Part Name	材质 Material		
型号 Model	Q41F-16-25JC	Q41F-16-25/P	Q41F-16-25/R
阀体 Body	WCB	ZG1Cr18Ni9Ti/CF8	ZG1Cr18Ni12Mo2Ti/CF8M
阀盖 Bonnet	WCB	ZG1Cr18Ni9Ti/CF8	ZG1Cr18Ni12Mo2Ti/CF8M
球体 Ball	1Cr18Ni9Ti/304	1Cr18Ni9Ti/304	1Cr18Ni12Mo2Ti/316
阀杆 Stem	1Cr18Ni9Ti/304	1Cr18Ni9Ti/304	1Cr18Ni12Mo2Ti/316
密封圈 Sealing ring	聚四氟乙烯 PTFE		
填料 Packing	聚四氟乙烯 PTFE		

主要外形尺寸 Main External and Connecting Dimensions

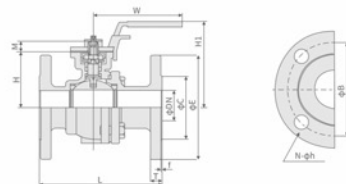
Q41F-25 PN2.5MPa(GB/T 9113, RF)

DN(mm)	L	ΦE	ΦB	ΦC	D1	T	f	N-Φh	H	H1	W	M
15	130	95	65	46	/	14	2	4-14	48	80	145	13
20	130	105	75	56	/	16	2	4-14	53	86	145	14
25	140	115	85	65	/	16	2	4-14	63.5	92	165	14
32	165	140	100	76	/	18	2	4-18	72	99	165	14
40	165	150	110	84	/	18	2	4-18	77	124	200	16
50	203	165	125	99	/	20	2	4-18	85	132	200	22
65	222	185	145	118	/	22	2	8-18	106	160	290	20
80	241	200	160	132	/	24	2	8-18	121	183	290	20
100	280	235	190	156	/	24	2	8-18	143	220	360	24
125	325	270	220	184	/	26	2	8-26	183	231	600	27
150	350	300	250	211	/	28	2	8-26	201	250	800	27
200	400	360	310	274	/	30	2	12-22	252	300	1000	27

主要外形尺寸 Main External and Connecting Dimensions

Q41F-40 PN4.0MPa(GB/T 9113, RF)

DN(mm)	L	ΦE	ΦB	ΦC	D1	T	f1	N-Φh	H	H1	W	M
15	130	95	65	46	40	14	3	4-14	48	80	145	13
20	130	105	75	56	51	16	3	4-14	53	86	145	14
25	140	115	85	65	58	16	3	4-14	63.5	92	165	14
32	165	140	100	76	66	18	3	4-18	72	99	165	14
40	165	150	110	84	76	18	3	4-18	77	124	200	16
50	203	165	125	99	88	20	3	4-18	85	132	200	22
65	222	185	145	118	110	22	3	8-18	106	160	290	20
80	241	200	160	132	121	24	3	8-18	121	183	290	20
100	280	235	190	156	150	24	3.5	8-22	143	220	360	24
125	325	270	220	184	176	26	3.5	8-26	183	231	600	27
150	350	300	250	211	204	28	3.5	8-26	201	250	800	27
200	400	375	320	284	260	34	3.5	12-30	252	300	1000	27



主要性能规范 Main Performance Specifications

设计与制造: ASME B16.34-2004

结构长度: ASME B16.10-2000

连接尺寸: ASME B16.5-2003

检验与试验: API 598-2004

Design and manufacture: ASME B16.34-2004

Structural length: ASME B16.10-2000

Connection size: ASME B16.5-2003

Inspection and test: API 598-2004

主要部件材质 Material of Main Parts

部件名称 Part Name	Q41F-(150-300Lb)C	Q41F-(150-300Lb)P	Q41F-(150-300Lb)R
阀体 Body	WCB	ZG1Cr18Ni9Ti/CF8	ZG1Cr18Ni12Mo2Ti/CF8M
阀盖 Bonnet	WCB	ZG1Cr18Ni9Ti/CF8	ZG1Cr18Ni12Mo2Ti/CF8M
球体 Ball	1Cr18Ni9Ti/304	1Cr18Ni9Ti/304	1Cr18Ni12Mo2Ti/316
阀杆 Stem	1Cr18Ni9Ti/304	1Cr18Ni9Ti/304	1Cr18Ni12Mo2Ti/316
密封圈 Sealing ring	聚四氟乙烯 TEFLON/PTFE		
填料 Filler	聚四氟乙烯 TEFLON/PTFE		

执行标准 Executive Standards

公称压力 Nominal pressure	CLASS 150/300Lb
强度试验压力 Strength test pressure	PT3.0/7.5MPa
低压气密封试验压力 Low pressure gas seal test pressure	0.6MPa

适用介质 Applicable Media

Q41F-(150-300Lb)C	水、油品、空气 Water, oil and air
Q41F-(150-300Lb)P	硝酸类 Nitric acid
Q41F-(150-300Lb)R	醋酸类 Acetic acid
适用温度 Applicable temperature	-20~120°C

主要外形尺寸 Main External and Connecting Dimensions

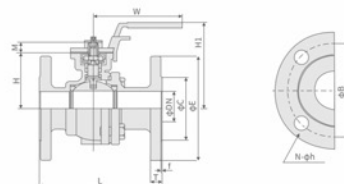
Q41F-150LB ANSI CLASS 150,RF

NPS(in)	ΦDN	L	ΦE	ΦB	ΦC	T	f	N-φh	H	H1	W	M
1/2"	13	108	89	60.5	35	11.5	1.6	4-16	45	82	145	17
3/4"	19	117	98	70	43	11.5	1.6	4-16	45	83	145	19
1"	25	127	108	79.5	51	12	1.6	4-16	55	93	165	20.5
1-1/4"	32	140	117	89	64	13	1.6	4-16	72	105	165	14.5
1-1/2"	38	165	127	98.5	73	15	1.6	4-16	77	122	200	20.5
2"	51	178	152	120.5	92	16	1.6	4-19	85	120	200	14
2-1/2"	64	190	178	139.5	105	18	1.6	4-19	108	167	290	17
3"	76	203	190	152.5	127	19	1.6	4-19	127	190	290	20
4"	102	229	229	190.5	157	24	1.6	8-19	150	228	360	24
5"	127	356	254	216	186	24	1.6	8-22	175	270	600	73
6"	152	394	279	241.5	216	26	1.6	8-22	200	293	800	95
8"	203	457	343	298.5	270	29	1.6	8-22	247	300	1000	84

主要外形尺寸 Main External and Connecting Dimensions

Q41F-300LB ANSI CLASS 300,RF

NPS(in)	ΦDN	L	ΦE	ΦB	ΦC	T	f	N-φh	H	H1	W	M
1/2"	13	140	95	66.5	35	15	1.6	4-16	45	82	145	17
3/4"	19	152	117	82.5	43	16	1.6	4-19	45	83	145	19
1"	25	165	124	89	51	18	1.6	4-19	55	93	165	20.5
1-1/4"	32	178	133	98.5	64	19	1.6	4-19	72	105	165	14.5
1-1/2"	38	190	156	114.5	73	21	1.6	4-22	77	122	200	20.5
2"	51	216	165	127	92	23	1.6	8-19	85	120	200	14
2-1/2"	64	241	190	149	105	26	1.6	8-22	108	167	290	17
3"	76	283	210	168.5	127	29	1.6	8-22	127	190	290	20
4"	102	305	254	200	157	32	1.6	8-22	150	228	360	24
5"	127	381	279	235	186	35	1.6	8-22	175	270	600	73
6"	152	403	318	270	216	37	1.6	12-22	200	293	800	95
8"	203	502	381	330	270	42	1.6	12-25	247	300	1000	84



标准规范 Standard Specification

设计与制造: DIN 3357/1.2
防火测试: API 607
结构长度: DIN 3202
连接法兰: DIN 2543
检验与测试: DIN 3230

Design and manufacture: DIN 3357/1.2
Fire test: API 607
Structural length: DIN 3202
Connection flange: DIN 2543
Inspection and testing: DIN 3230

主要性能规范 Main Performance Specifications

公称压力 Nominal pressure	PN	PN16.25MPa	
强度试验压力 Strength test pressure	PT	2.4/3.8MPa	
低压气密封试验压力 Low pressure gas seal test pressure		0.6MPa	
高压气密封试验压力 High pressure seal test pressure		1.8/2.8MPa	
适用介质 Applicable media	Q41F-(16-25)C	Q41F-(16-25)P	Q41F-(16-25)R
	水、油品、气 Water, oil and gas	硝酸类 Nitric acid	醋酸类 Acetic acid
适用温度 Applicable temperature		-40°C~180°C	

主要部件材质 Material of Main Parts

部件名称 Part name	Q41F-(16-25)C	Q41F-(16-25)P	Q41F-(16-25)R
阀体 Body	WCB	ZG1Cr18Ni9Ti/CF8	ZG1Cr18Ni12Mo2Ti/CF8M
阀盖 Bonnet	WCB	ZG1Cr18Ni9Ti/CF8	ZG1Cr18Ni12Mo2Ti/CF8M
球体 Ball	1Cr18Ni9Ti/304	1Cr18Ni9Ti/304	1Cr18Ni12Mo2Ti/316
阀杆 Stem	1Cr18Ni9Ti/304	1Cr18Ni9Ti/304	1Cr18Ni12Mo2Ti/316
密封垫 Gasket	聚四氟乙烯 PTFE		
填料 Packing	聚四氟乙烯 PTFE		

主要外形尺寸 Main External and Connecting Dimensions

Q41F-16 PN1.6MPa(DIN2543-2000, RF)

DN(mm)	L	φE	φB	φC	T	f	N-φh	H	H1	W	M
15	130	95	65	45	16	2	4-14	48	80	145	9
20	120	105	75	58	18	2	4-14	53	84	145	9
25	125	115	85	68	18	2	4-14	58	92	165	15
32	130	140	100	78	18	2	4-18	72	108	165	11
40	140	150	110	88	18	3	4-18	75.5	122	200	14.5
50	150	165	125	102	20	3	4-18	84	120	200	15.5
65	170	185	145	122	18	3	4-18	87	164	290	21
80	180	200	160	138	20	3	8-18	100	178	290	21
100	190	220	180	158	20	3	8-18	134	225	360	24
125	325	250	210	188	22	3	8-18	183	231	600	27
150	350	285	240	212	22	3	8-22	201	250	800	27
200	400	340	295	268	24	3	12-22	253	300	1000	27

主要外形尺寸 Main External and Connecting Dimensions

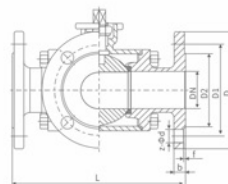
Q41F-25 PN2.5MPa(DIN2544-2000, RF)

DN(mm)	L	φE	φB	φC	T	f	N-φh	H	H1	W	M
15	130	95	65	45	16	2	4-14	48	80	145	9
20	150	105	75	58	18	2	4-14	53	84	145	9
25	160	115	85	68	18	2	4-14	58	92	165	15
32	180	140	100	78	18	2	4-18	72	108	165	11
40	200	150	110	88	18	3	4-18	75.5	122	200	14.5
50	230	165	125	102	20	3	4-18	84	120	200	15.5
65	290	185	145	122	22	3	8-18	87	164	290	21
80	310	200	160	138	24	3	8-18	100	178	290	21
100	350	235	190	162	24	3	8-22	134	225	360	24
125	400	270	220	188	26	3	8-26	183	231	600	27
150	450	300	250	218	28	3	8-26	201	250	800	27
200	550	360	310	278	30	3	12-26	253	300	1000	27

主要外形尺寸 Main External and Connecting Dimensions

Q41F-40 PN4.0MPa(DIN2545-2000, RF)

DN(mm)	L	φE	φB	φC	T	f	N-φh	H	H1	W	M
15	130	95	65	45	16	2	4-14	48	80	145	9
20	150	105	75	58	18	2	4-14	53	84	145	9
25	160	115	85	68	18	2	4-14	58	92	165	15
32	180	140	100	78	18	2	4-18	72	108	165	11
40	200	150	110	88	18	3	4-18	75.5	122	200	14.5
50	230	165	125	102	20	3	4-18	84	120	200	15.5
65	290	185	145	122	22	3	8-18	87	164	290	21
80	310	200	160	138	24	3	8-18	100	178	290	21
100	350	235	190	162	24	3	8-22	134	225	360	24
125	400	270	220	188	26	3	8-26	183	231	600	27
150	450	300	250	218	28	3	8-26	201	250	800	27
200	550	375	320	285	34	3	12-30	253	300	1000	27

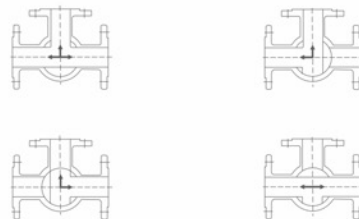


标准规范 Standard Specification

设计标准: GB/T 12237, ASME B16.34
结构长度: GB/T 12221, ASME B16.10
连接法兰: GB/T 9113 JB 79, ASME B16.5
试验与检验: GB/T 12237 JB 9092, API 598

Design Standard: GB/T 12237, ASME B16.34
Structural length: GB/T 12221, ASME B16.10
Flange Ends: GB/T 9113 JB 79, ASME B16.5
Test and Inspection: GB/T 12237 JB 9092, API 598

T型三通进口位置图 T Port Position



L型三通进口位置图 L Port Position



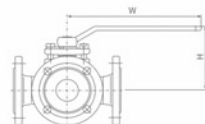
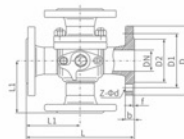
主要部件材质 Material of Main Parts

零件名称 Part Name	碳钢 Carbon steel		不锈钢 Stainless steel	
	A216 WCB	A351 CF8	A351 CF8M	A351 CF8M
阀体 Body	A216 WCB	A351 CF8	A351 CF8M	A351 CF8M
阀盖 Bonnet	A216 WCB	A351 CF8	A351 CF8M	A351 CF8M
球体 Ball	A276 304 / A276 316			
阀杆 Stem	2Cr13 / A276 304 / A276 316			
阀座 Seat	PTFE, RPTFE			
填料 Packing	PTFE/柔性石墨 Flexible Graphite			
压盖 Gland	A216 WCB	A351 CF8		
螺栓 Bolt	A193-B7	A193-B8M		
螺母 Nut	A194-2H	A194-8		

主要外形尺寸 Main External and Connecting Dimensions

单位 Unit: mm

压力等级 Class	DN(mm)	L	D	D1	D2	b	f	Z-Φd
Class150Lb	15	108	90	60.3	34.9	11.5	1.6	4-Φ16
	20	117	100	69.9	42.9	13	1.6	4-Φ16
	25	127	110	79.5	50.8	14.5	1.6	4-Φ16
	32	140	115	88.9	63.5	16	1.6	4-Φ16
	40	165	125	98.4	73	17.5	1.6	4-Φ16
	50	178	150	120.7	92.1	19.5	1.6	4-Φ19
	65	190	180	139.7	104.8	22.5	1.6	4-Φ19
	80	203	190	152.4	127	24	1.6	4-Φ19
	100	229	230	190.5	157.2	24	1.6	8-Φ19
	125	356	255	215.9	185.7	24	1.6	8-Φ23
150	394	280	241.3	215.9	25.5	1.6	8-Φ23	
200	457	345	298.5	266.9	29	1.6	8-Φ23	



主要性能规范 Main Performance Specifications

产品规格: DN 15-200(NPS 1/2"-8")
 适用温度: -28-350°C
 工作压力: PN 1.6-4.0MPa
 适用介质: 水、油品、空气、酸碱类
 连接法兰: JB/T99-59, GB/T9113, HG/T20592-97, ANSI B16.5
 检验与试验: GB/T9092-99, API 598

Product specification: DN 15 - 200 (NPS 1 / 2 ~ 8")
 Applicable temperature: - 28 - 350 °C
 Working pressure: PN 1.6 - 4.0MPa
 Applicable media: water, oil, air, acid and alkali
 Connecting flange: JB/T99-59, GB/T9113, HG/T20592-97, ANSI B16.5
 Inspection and test: GB/T9092-99, API 598

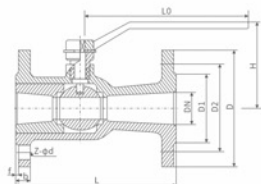
主要部件材质 Material of Main Parts

部件名称 Part Name	材质 Material	
	GB	ASTM
阀体/阀盖 Body / bonnet	WCB	A216-WCB
密封圈 Seal Ring	PTFE, 对位聚苯 Para polyphenylene	PTFE, 对位聚苯 Para polyphenylene
球体 Ball	1Cr18Ni9Ti	SS 304
阀座/阀杆 Seat / stem	2Cr13	A246-416
双头螺栓 Double end stud	35CrMoA	A193-B7

主要外形尺寸 Main External and Connecting Dimensions

单位 Unit: mm

公称压力 Nominal pressure	DN NPS	15	20	25	32	40	50	65	80	100	125	150	200
		1/2"	3/4"	1"	1 1/4"	1-1/2"	2"	2-1/2"	3"	4"	5"	6"	8"
PN1.6MPa	L	150	150	180	200	220	240	260	280	320	380	440	550
PN2.5MPa	L1	75	75	90	100	110	120	130	140	160	190	220	275
PN4.0MPa	H	90	90	102	115	135	140	155	185	210	275	305	335
CL ASS150	W	140	140	155	250	250	350	350	420	700	1000	1300	1800



产品用途 Product Usage

本公司设计的一体式高温球阀是采用新型密封材料为阀座，与同类产品聚四氟乙烯球密封的球阀，使用寿命提高了3-5倍。具有性能稳定、密封可靠、磨擦力小、开关轻便、耐高温、耐腐、耐油、耐腐蚀、使用寿命长等优点，高温球阀与截止阀、柱塞阀、排污阀，结构长度相符，扩大了球阀使用范围，广泛用于石油、化工、橡胶、造纸、制药等行业，可替代截止阀、柱塞阀、快速排污阀。

The integrated high-temperature ball valve designed by our company is a ball valve with a new sealing material as the valve seat and polytetrafluoroethylene as the sealing product of the same kind. Its service life has been increased by 3-5 times. It has the advantages of stable performance, reliable sealing, small friction, light switch, high temperature resistance, wear resistance, oil resistance, corrosion resistance, long service life, etc. The high temperature ball valve is consistent with the stop valve, plunger valve, drain valve, and the structure length, expanding the use range of the ball valve, widely used in petroleum, chemical industry, rubber, papermaking, pharmaceutical and other industries, and can replace the stop valve, plunger valve, and fast drain valves.

产品执行标准 Product Standard

产品规范 Product specification	设计规范 Design spec	结构长度 Face to Face	连接法兰 Flange end	试验与检验 Test & check	压力-温度 Pressure-TEMP
	GB/T 12237	GB/T 12221	JB/T 79, EN 1092	JB/T 9092 GB/T 13927, API 598	GB/T 12224

主要性能参数 Main Performance Parameters

型号 Model	公称压力 Nominal pressure (MPa)	强度试验压力 Shell test (MPa)	密封试验压力 Sealing test (MPa)	适用温度 Applicable temperature (°C)	适用介质 Suitable medium
QJ41M-16C	1.6	2.4	1.8	-28~+300 (M/F)	导热油、水、蒸汽、气体、油品和硝酸类、醋酸类腐蚀性介质 Heat transfer oil, water, steam, gas, oil, nitric acid and acetic acid corrosive medium
QJ41M-25C	2.5	4.0	2.8	-28~+350 (PPN)	

主要零件材质 Main Part Materials

零件名称 Parts name	阀体 Body	螺塞 Screw	球体 Ball	阀杆 Stem	涂层 Coating	密封圈 Sealing ring	手柄 Handle
材料 Materials	QT450	QT450	不锈钢 Stainless steel	20Cr13	中灰油漆 Medium grey paint	复合式金属密封环 Composite metal sealing ring	铸铁 Cast iron

主要外形连接尺寸 Main External and Connecting Dimensions

(PN1.0/1.6/2.5 MPa)

型号 Model	公称直径 (DN) Nominal diameter	标准值 Standard							参考值 Reference				
		L	D	D1	D2	f	b	Z-φd	L0	H			
QZ41M -10	40	165	145	85	110	3	18	4-18	250	155			
	50	178	160	100	125		20		300	175			
	65	195	180	120	145		22		320	195			
	80	210	195	135	160		24		360	225			
	100	229	215	155	180		26		450	250			
	QJ41M -16	125	254	245	185	210	2	16	4-14	270	290		
		150	280	280	210	240				180	140		
		200	330	335	265	295				150	110		
		15	130	95	45	65				160	120		
		20	150	105	55	75				180	140		
QJ41M -25		32	180	135	78	100	3	24	8-18	250	155		
		40	200	145	85	110				18	160	120	
		50	230	160	100	125				20	180	140	
		65	290	180	120	145				22	250	155	
		80	310	195	135	160				28	8-23	360	270
	QJ41M -25C	100	350	215	155	180	2	16	4-14	250	155		
		125	400	245	185	210				26	360	270	
		150	480	280	210	240				28	8-23	290	
		200	600	335	265	295				30	12-23	350	
		250	730	405	320	355				32	12-25	450	405
QJ41M -25C		15	130	95	45	65	3	24	8-18	150	105		
		20	150	105	55	75				110			
		25	160	115	65	85				160	120		
		32	180	135	78	100				18	180	140	
		40	200	145	85	110				20	250	155	
	QJ41M -25C	50	230	160	100	125	2	20	4-18	250	155		
		65	290	180	120	145				195			
		80	310	195	135	160				22	8-18	225	
		100	350	230	160	190				24	8-23	320	250
		125	400	270	188	220				28	8-25	360	270
QJ41M -25C		150	480	300	218	250	3	34	12-25	290			
		200	600	360	278	310				350			
		250	730	425	332	370				36	12-30	405	

FLANGE GATE VALVE SERIES

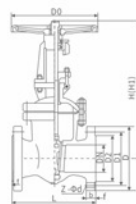
法兰闸阀系列



WF 沃弗阀门
WOFER VALVE

GB STANDARD WEDGE GATE VALVE

国标楔式闸阀



产品执行标准 Production Enforce Standard

产品规范 Product specification	设计规范 Design spec	结构长度 Face to face	连接法兰 Flange end	试验与检验 Test & check	压力-温度 Pressure-temper
	GB/T 12234	GB/T 12221	JB/T 79	GB/T 13927	GB/T 12224

产品性能规范 Product Performance Specification

公称压力(MPa) Nominal Pressure	壳体 Shell	试验压力(Mpa) Test pressure			壳体材料 Shell material	适用介质 Applicable medium	适用温度°C Applicable temperature
		密封(液) Seal	密封(气) Seal	上密封 Back seat			
1.6	2.4	1.8	0.6	1.8	碳素钢(C型) Carburizing steel (C type)	水、蒸汽、油品 Water, steam, oil goods	≤425
2.5	3.8	2.8	0.6	2.8	铬镍钛钢(P型) Cr, Ni, steel (P type)	硝酸类 Nitric acid	≤200
4.0	6.0	4.4	0.6	4.4	铬镍钼钛钢(R型) Cr, Ni, Mo, Ti steel (R type)	醋酸类 Acetic acid	≤200
6.4	9.6	7.0	0.6	7.0			
10.0	15.0	11.0	0.6	11.0			
16.0	24.0	18.0	0.6	18.0	铬钼钢(I型) Cr, Mo steel (I type)	水、蒸汽、油品 Water, steam, oil goods	≤550

主要零件材料 Main Part Material

阀体、阀盖 Body, bonnet	闸板、闸座 Wedge disc, seat	阀杆 Stem	阀杆螺母 Stem nut	填料 Packing	手轮 Hand wheel
碳素钢 Carburizing steel	优质碳素+硬质合金或不锈钢 High-grade carbon steel+carbide alloy or stainless steel	铬不锈钢 Cr stainless steel		石墨石棉盘根 Graphite asbestos coils	
铬镍钛钢 Cr, Ni, steel	不锈钢、不锈钢+硬质合金 Stainless steel, stainless steel+hard alloy	铬镍钛不锈钢 Cr, Ni, Ti stainless steel		浸聚四氟乙烯 Dipping polytetrafluoroethylene	可锻铸铁 Malleable cast iron
铬镍钼钛钢 Cr, Ni, Mo, Ti steel	不锈钢、不锈钢+硬质合金 Stainless steel, stainless steel+hard alloy	铬镍钼不锈钢 Cr, Ni, Ti stainless steel	铜合金 Copper alloy	石墨石棉盘根 Asbestos coil	
铬钼钢 Cr, Mo steel	合金钢+硬质合金 Alloy steel+carbide alloy	铬钼钼钢 Cr, Mo Al steel		柔性石墨 Flexible graphite	

主要外形尺寸 Main External and Connecting Dimensions

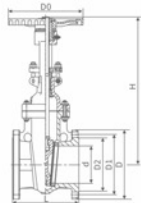
单位Unit: mm

公称口径 DN	L	D	D1	D2	b	f	Z-Φd	H	H1	D0	WT (Kg)
Z40/41/H/Y-16C/P/R/I											
40	200	145	110	85	16	3	4-18	300	352	200	18
50	250	160	125	100	16	3	4-18	358	438	240	29
65	265	180	145	120	18	3	4-18	375	450	240	33
80	280	195	160	135	20	3	8-18	433	528	280	46
100	300	215	180	155	20	3	8-18	502	620	320	63
125	325	245	210	185	22	3	8-18	612	753	360	108
150	350	280	240	210	24	3	8-23	676	847	360	134
200	400	335	295	265	26	3	12-23	820	1039	400	192
250	450	405	355	320	30	3	12-25	969	1245	450	273
300	500	460	410	375	30	3	12-25	1142	1472	560	379
350	550	520	470	435	34	4	16-25	1280	1450	640	590
400	600	580	525	485	36	4	16-30	1452	1887	640	850
450	650	640	585	545	40	4	20-30	1541	2011	720	907
500	700	705	650	608	44	4	20-34	1676	2181	720	958
600	800	840	770	718	48	5	20-41	1874	2346	800	1112
Z40H/41/-25C/P/R/I											
40	200	145	110	85	18	3	4-18	300	352	200	18
50	250	160	125	100	20	3	4-18	358	438	240	28
65	265	180	145	120	22	3	8-18	375	450	240	33
80	280	195	160	135	22	3	8-18	433	528	280	46
100	300	230	190	160	24	3	8-23	502	620	320	64
125	325	270	220	188	28	3	8-25	612	753	360	116
150	350	300	250	218	30	3	8-25	676	847	360	141
200	400	360	310	278	34	3	12-25	820	1039	400	213
250	450	425	370	332	36	3	12-30	969	1245	450	290
300	500	485	430	390	40	4	16-30	1142	1472	560	400
350	550	550	490	448	44	4	16-34	1280	1450	640	631
400	600	610	550	505	48	4	16-34	1452	1887	640	900
450	650	660	600	555	50	4	20-34	1541	2011	720	1013
500	700	730	660	610	52	4	20-41	1676	2181	720	1166
600	800	840	770	718	56	5	20-41	1874	2346	800	1258

主要外形尺寸 Main External and Connecting Dimensions

单位Unit: mm

公称口径 DN	L	D	D1	D2	D6	b	f	f2	Z-Φd	H	H1	D0	WT (Kg)
Z40/41/H/Y-40C/P/R													
40	200	145	110	85	76	18	3	4	4-18	323	369	200	16.5
50	250	160	125	100	88	20	3	4	4-18	372	440	280	29
65	265	180	145	120	110	22	3	4	8-18	395	473	280	39
80	280	195	160	135	121	22	3	4	8-18	457	552	320	52
100	300	230	190	160	150	24	3	4.5	8-23	552	671	360	80
125	325	270	220	188	176	28	3	4.5	8-25	634	726	400	127
150	350	300	250	218	204	30	3	4.5	8-25	708	883	400	154
200	400	375	320	282	260	38	3	4.5	12-30	858	1086	450	263
250	450	445	385	345	313	42	3	4.5	12-34	1015	1298	560	368
300	500	510	450	408	364	46	4	4.5	16-34	1203	1535	640	547
350	550	570	510	465	422	52	4	5	16-34	1341	1678	640	679
400	600	655	585	535	474	58	4	5	16-41	1492	1903	720	953
Z40/41/H/Y-64C/P/R/I													
40	240	165	125	95	76	24	3	4	4-23	360	389	240	29
50	250	175	135	105	88	26	3	4	4-23	372	448	280	34
65	280	200	160	130	110	28	3	4	8-23	395	475	280	43
80	310	210	170	140	121	30	3	4	8-23	458	553	320	60
100	350	250	200	168	150	32	3	4.5	8-25	553	679	360	89
125	400	295	240	202	176	36	3	4.5	8-30	638	779	400	140
150	450	340	280	240	204	38	3	4.5	8-34	718	893	450	207
200	550	405	345	300	260	44	3	4.5	12-34	873	1100	560	325
250	650	470	400	352	313	48	3	4.5	12-41	1053	1332	640	467
300	750	530	460	412	364	54	4	4.5	16-41	1203	1535	640	590
Z40/41/H/Y-100C/P/R/I													
40	240	165	125	95	75	26	3	4	4-23	360	389	280	51
50	250	195	145	112	85	28	3	4	4-25	490	558	360	60
65	280	220	170	138	110	32	3	4	8-25	540	622	400	70
80	310	230	180	148	115	34	3	4	8-25	573	671	400	89
100	350	265	210	172	145	38	3	4.5	8-30	575	671	400	130
125	400	310	250	210	175	42	3	4.5	8-34	744	892	560	223
150	450	350	290	250	205	46	3	4.5	12-34	800	972	560	295
200	550	430	360	312	265	54	3	4.5	12-41	800	972	560	559
250	650	500	430	382	320	60	3	4.5	12-41	1050	1305	640	640
300	750	585	500	442	/	70	4	4.5	16-48	1208	1506	640	730



产品执行标准 Product Execution Standard

产品规范 Product specification	设计规范 Design spec	结构长度 Face to face	连接法兰 Flange end	试验与检验 Test & check	压力-温度 Pressure-temp
API 600, API 603 JIS B2073, B2083		ASME B16.10	ASME B16.5, ASME B16.47 JIS B2238	API 600 API 598 BS EN 12260	ASME B16.34

主要外形尺寸 Main External and Connecting Dimensions

Class 150Lb(10K) 单位Unit: mm

等级 Class	口径 Size	L	D	D1	D2	b-f	Z-φd	H	D0
Class 150 JIS 10K	1/2	108	90	60.3	34.9	8-2	4-16	188	120
	3/4	117	100	69.9	42.9	8.9-2	4-16	202	120
	1	127	110	79.4	50.8	9.6-2	4-16	225	140
	1-1/4	140	115	88.9	63.5	11.2-2	4-16	252	160
	1-1/2	165	125	98.4	73	12.7-2	4-16	277	180
	2	178	150	120.7	92.1	14.3-2	4-19	310	200
	2-1/2	190	180	139.7	104.8	15.9-2	4-19	380	220
	3	203	190	152.4	127	17.5-2	4-19	412	240
	4	229	230	190.5	157.2	22.3-2	8-19	471	280
	5	254	255	215.9	185.7	22.3-2	8-22	516	300
	6	267	280	241.3	215.9	23.9-2	8-22	588	300
	8	292	345	298.5	269.9	27-2	8-22	741	350
	10	330	405	362	323.8	28.6-2	12-25	903	400
	12	356	485	431.8	381	30.2-2	12-25	1054	500
	14	381	535	476.3	412.8	33.4-2	12-29	1295	600
	16	406	595	539.8	469.9	35-2	16-29	1435	600
18	432	635	577.9	533.4	38.1-2	16-32	1626	650	
20	457	700	635	584.2	41.3-2	20-32	1859	650	
24	508	815	749.5	692.2	46.1-2	20-35	2175	700	
26	559	870	806.4	749	66.7-2	24-35	2387	/	
28	610	925	863.6	800	69.9-2	28-35	2590	/	
30	610	985	914.4	857	73.1-2	28-35	2819	/	
32	711	1060	977.9	914	79.4-2	28-41	2870	/	
36	711	1170	1085.8	1022	88.9-2	32-41	2997	/	
40	1067	1290	1200.2	1124	88.9-2	36-41	3302	/	

主要外形尺寸 Main External and Connecting Dimensions

Class 300(20K)~Class 900Lb(63K) 单位Unit: mm

等级 Class	口径 Size	L	D	D1	D2	b-f	Z-φd	H	D0
Class 300 JIS 20K	1/2	140	95	66.7	34.9	12.7-2	4-16	188	120
	3/4	152	115	82.6	42.9	14.3-2	4-19	202	120
	1	165	125	88.9	50.8	15.9-2	4-19	225	140
	1-1/4	178	135	98.4	63.5	17.5-2	4-19	252	160
	1-1/2	190	155	114.3	73	19.1-2	4-22	277	180
	2	216	165	127	92.1	20.7-2	8-19	353	250
	2-1/2	241	190	149.2	104.8	23.9-2	8-22.5	377	250
	3	282	210	168.3	127	27-2	8-22.5	397	300
	4	305	255	200	157.2	30.2-2	8-22.5	482	300
	5	381	280	235	185.7	33.4-2	8-22.5	568	350
	6	403	320	269.9	215.9	35.2	12-25.5	625	350
	8	419	380	330.2	269.9	39.7-2	12-25.5	776	400
	10	457	445	387.4	323.8	46.1-2	16-29	958	500
	12	502	520	450.8	381	49.3-2	16-32	1135	600
	14	762	585	514.4	412.8	52.4-2	20-32	1205	600
	16	838	650	571.5	469.9	55.6-2	20-35	1367	650
18	914	710	628.6	533.4	58.8-2	24-35	2077	/	
20	991	775	685.8	584.2	62-2	24-35	2310	/	
24	1143	915	812.8	692.2	68.3-2	24-41	2810	/	
26	1245	970	876.3	749	77.8-2	28-45	3105	/	
28	1346	1035	939.8	800	84.2-2	28-45	3300	/	
Class 600 JIS 40K	1/2	165	95	66.7	34.9	14.3-2	4-16	195	200
	3/4	190	115	82.6	42.9	15.9-2	4-19	210	240
	1	216	125	88.9	50.8	17.5-2	4-19	238	240
	1-1/4	229	135	98.4	63.5	20.7-2	4-19	278	300
	1-1/2	241	155	114.3	73	22.3-2	4-22	312	300
	2	292	165	127	92.1	25.4-2	8-19	379	350
	2-1/2	330	190	149.2	104.8	28.6-2	8-22.5	420	400
	3	356	210	168.3	127	31.8-2	8-22.5	461	450
	4	432	275	215.9	157.2	38.1-2	8-25.5	545	500
	5	508	330	267.7	185.7	44.5-2	8-29	630	600
	6	559	355	292.1	215.9	47.7-2	12-29	745	700
	8	660	420	349.2	269.9	55.6-2	12-32	881	700
	10	787	510	431.8	323.8	63.5-2	16-35	1062	800
	12	838	560	489	381	66.7-2	20-35	1194	/
	14	889	605	527	412.8	69.9-2	20-38	1630	/
	16	991	685	603.2	469.9	76.2-2	20-41	2032	/
18	1092	745	654	533.4	82.6-2	20-44.5	2186	/	
Class 900 JIS 63K	2	368	215	165.1	92.1	38.1-2	8-25	465	300
	2-1/2	419	245	190.5	104.8	41.3-2	8-29	525	400
	3	381	240	190.5	127	38.1-2	8-25	625	500
	4	457	290	235	157.2	44.5-2	8-32	855	550
	5	559	350	275.4	185.7	50.8-2	8-35	960	600
	6	610	380	317.5	215.9	55.6-2	12-32	1195	700
	8	737	470	393.7	269.9	63.5-2	12-38	1220	/
	10	838	545	469.9	323.8	69.9-2	16-38	1440	/

FLANGE GLOBE VALVE SERIES

法兰截止阀系列



产品执行标准 Production Enforce Standard

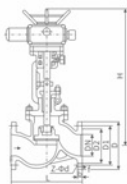
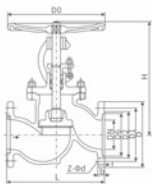
产品规范 Products specification	设计规范 Design spec	结构长度 Face to face	连接法兰 Flange end	试验与检验 Test & check	压力-温度 Pressure-temp
	GB/T 12235	GB/T 12221	JB/T 79	GB/T 9092	GB/T12224

产品性能规范 Product Performance Specification

公称压力PN(MPa) Nominal Pressure	1.6	2.5	4.0	6.4	10.0	16.0	产品类型 Product type	适用介质 Applicable medium	适用温度℃ Applicable temperature
壳体强度试验 Shell strength test	2.4	3.8	6.0	9.6	15	24	J41/H/Y-C型 J941/H/Y-C型	水、油品、蒸汽 Water,oil,steam	≤425 ≤450
上密封试验 Back seat test	1.8	2.8	4.4	7.0	11	18	J41W-P型 J941W-P型	硝酸类 Nitric acid	≤200
密封试验 Seat test	1.8	2.8	4.4	7.0	11	18	J41W-R型 J41Y-I型 J941Y-I型	醋酸类 Acetic acid	≤200
								水、油品、蒸汽 Water,oil,steam	≤550

主要零件材料 Main Part Material

产品类型 Product type	零件名称 Part name							
	阀体、阀盖 Body bonnet	阀杆 Stem	阀瓣 Disc	密封面 Sealing face	阀杆螺母 Stem nut	填料 Packing	紧固件 Fastener	手轮 Hand wheel
J41/H/Y-C型 J941/H/Y-C型	25.WCB	铬不锈钢 Cr,Stainless steel	20Cr13 25	H:不锈钢 Y:钴基硬质合金 H:Stainless Steel Y:Co-based Carbide Alloy Steel	铜合金 Copper alloy	柔性石墨 Flexible graphite	优质碳钢 High-grade carbon steel	可锻铸铁 Malleable iron
J41W-P型 J941W-P型	铬镍钢 Cr,Ni steel	铬镍钢 Cr,Ni steel	铬镍钢 Cr,Ni steel	铬镍钢 Cr,Ni steel	铜合金 Copper alloy	柔性石墨 Flexible graphite	不锈钢 Stainless steel	可锻铸铁 Malleable iron
J41W-R型	铬镍钼钢 Cr Ni Mo steel	铬镍钼钢 Cr Ni Mo steel	铬镍钼钢 Cr Ni Mo steel	铬镍钼钢 Cr Ni Mo steel	铜合金 Copper alloy	柔性石墨 Flexible graphite	不锈钢 Stainless steel	可锻铸铁 Malleable iron
J41Y-I型 J941Y-I型	铬钼钒钢 Cr Mo V steel	铬钼钒钢 Cr Mo V steel	铬钼钒钢 Cr Mo V steel	钴基硬质合金钢 Co-based carbide alloy steel	铜合金 Copper alloy	柔性石墨 Flexible graphite	合金钢 Alloy steel	可锻铸铁 Malleable iron



主要外形尺寸 Main External and Connecting Dimensions

单位Unit: mm

公称通径 DN	L	D	D1	D2	b	f	Z-φd	H	D0	WT (kg)
J41H/V/B-16C/P/R/I										
10	130	90	60	40	14	2	4-14	198	120	4.7
15	130	95	65	45	14	2	4-14	218	120	5.2
20	150	105	75	55	14	2	4-14	258	140	7.1
25	160	115	85	65	14	2	4-14	275	160	7.4
32	180	135	100	78	15	2	4-18	280	180	8.5
40	200	145	110	85	16	2	4-18	330	200	12.5
50	230	160	125	100	16	3	4-18	350	240	20
65	290	180	145	120	18	3	4-18	400	280	25
80	310	195	160	135	20	3	8-18	355	280	35
100	350	215	180	155	20	3	8-18	415	320	50
125	400	245	210	185	22	3	8-18	460	360	75
150	480	280	240	210	24	3	8-23	510	400	100
200	600	335	295	205	26	3	12-23	710	400	210
250	650	405	355	320	30	3	12-23	789	450	446
300	750	460	410	375	30	3	12-23	925	500	648

主要外形尺寸 Main External and Connecting Dimensions

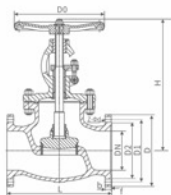
单位Unit: mm

公称通径 DN	J41H/V/B-25C/P/R/I												
	L	D	D1	D2	b	f	Z-φd	H手	H电	D0	电动装置 Electric device	WT (kg)	
10	130	90	60	40	16	2	4-14	198	-	120	-	4.9	-
15	130	95	65	45	16	2	4-14	218	-	120	-	5.4	-
20	150	105	75	55	16	2	4-14	258	-	140	-	7	-
25	160	115	85	65	16	2	4-14	275	-	160	-	7.4	-
32	180	135	100	78	18	2	4-18	280	-	180	-	8.5	-
40	200	145	110	85	18	3	4-18	330	-	200	-	12.5	-
50	230	160	125	100	20	3	4-18	350	645	240	DZW101	16	50
65	290	180	145	120	22	3	8-18	400	690	280	DZW101	25	62
80	310	195	160	135	22	3	8-18	355	715	280	DZW151	30	67
100	350	230	190	160	24	3	8-23	415	770	320	DZW20	34.5	73
125	400	270	220	188	28	3	8-25	460	780	360	DZW30	89	127
150	480	300	250	218	30	3	8-25	510	875	400	DZW45	98	215
200	600	360	310	278	34	3	12-25	710	967	400	DZW60	180	322
250	650	425	370	332	36	3	12-30	789	-	450	-	446	-
300	750	485	430	390	40	4	12-30	925	-	500	-	654	-

主要外形尺寸 Main External and Connecting Dimensions

单位Unit: mm

公称通径 DN	J41/J941H/V/I/W-40C/P/R/I													
	L	D	D1	D2	b	f	f2	Z-φd	H手	H电	D0	电动装置 Electric device	WT (kg)	
10	130	90	60	40	16	2	4	4-14	198	-	120	-	4.9	
15	130	95	65	45	16	2	4	4-14	238	-	120	-	5.4	
20	150	105	75	55	16	2	4	4-14	275	-	140	-	7	
25	160	115	85	65	16	2	4	4-14	285	-	160	-	8.8	
32	180	135	100	78	18	2	4	4-18	302	-	180	-	11.8	
40	200	145	110	85	18	3	4	4-18	355	-	200	-	16.5	
50	230	160	125	100	20	3	4	4-18	370	645	240	DZW101	24	61
65	290	180	145	120	22	3	4	8-18	408	690	280	DZW101	33	75
80	310	195	160	135	22	3	4	8-18	436	715	320	DZW201	44	84
100	350	230	190	160	24	3	4.5	8-23	480	770	360	DZW301	60	101
125	400	270	220	188	28	3	4.5	8-25	558	782	400	DZW45	89	207
150	480	300	250	218	30	3	4.5	8-25	611	875	400	DZW60	98	226
200	600	375	320	282	38	3	4.5	12-30	720	1160	400	DZW901	190	339



产品执行标准 Product Enforce Standard

产品规范 Product specification	设计规范 Design spec	结构长度 Face to face	连接法兰 Flange end	试验与检验 Test & check	压力-温度 Pressure-temp
	ASME B16.34 BS1873	ASME B16.10	ASME B16.5 JIS B2238	API 598	ASME B16.34

主要外形尺寸 Main External and Connecting Dimensions

Class 150Lb(10K) 单位Unit:mm

磅级 Class	口径 size	L	D	D1	D2	b-f	Z-φd	H	D0
Class 150 JIS 10K	1/2	108	90	60.3	34.9	8-2	4-16	235	120
	3/4	117	100	69.9	42.9	8.9-2	4-16	241	120
	1	127	110	79.4	50.8	9.6-2	4-16	242	140
	1-1/4	140	115	88.9	63.5	11.2-2	4-16	280	160
	1-1/2	165	125	98.4	73	12.7-2	4-16	315	180
	2	203	150	120.7	92.1	14.3-2	4-19	350	220
	2-1/2	216	180	139.7	104.8	15.9-2	4-19	370	240
	3	241	190	152.4	127	17.5-2	4-19	385	280
	4	292	230	190.5	157.2	22.3-2	8-19	454	280
	5	356	255	215.9	185.7	22.3-2	8-22	472	350
	6	406	280	241.3	215.9	23.9-2	8-22	541	350
	8	495	345	298.5	269.9	27-2	8-22	590	450
10	622	405	362	323.8	28.6-2	12-25	780	500	
12	698	485	431.8	381	30.2-2	12-25	870	550	
14	787	535	476.3	412.8	33.4-2	12-29	900	600	
16	914	595	539.8	469.9	35-2	16-29	1250	600	
18	978	635	577.9	533.4	38.1-2	16-32	1320	610	
20	978	700	635	584.2	41.3-2	20-32	1390	650	

主要外形尺寸 Main External and Connecting Dimensions

Class 300(20K)-Class 900Lb(63K) 单位Unit: mm

磅级 Class	口径 size	L	D	D1	D2	b-f	Z-φd	H	D0
Class 300 JIS 20K	1/2	152	95	66.7	34.9	12.7-2	4-16	241	140
	3/4	178	115	82.6	42.9	14.3-2	4-19	241	140
	1	203	125	88.9	50.8	15.9-2	4-19	283	160
	1-1/4	216	135	98.4	63.5	17.5-2	4-19	320	200
	1-1/2	229	155	114.3	73	19.1-2	4-22	322	200
	2	267	165	127	92.1	20.7-2	8-19	345	240
	2-1/2	292	190	149.2	104.8	23.9-2	8-22.5	377	280
	3	318	210	168.3	127	27-2	8-22.5	464	280
	4	356	255	200	157.2	30.2-2	8-22.5	490	350
	5	400	280	235	185.7	33.4-2	8-22.5	614	400
	6	444	320	269.9	215.9	35.2	12-22.5	700	450
	8	559	380	330.2	269.9	39.7-2	12-25.5	777	500
	10	622	445	387.4	323.8	46.1-2	16-29	935	450
	12	711	520	450.8	381	49.3-2	16-32	997	500
	14	838	585	514.4	412.8	52.4-2	20-32	1058	600
	16	864	650	571.5	469.9	55.6-2	20-35	1320	600
	18	978	710	628.6	533.4	58.8-2	24-35	1420	700
	20	1016	775	685.8	584.2	62-2	24-35	1510	800
Class 600 JIS 40K	1/2	165	95	66.7	34.9	14.3-7	4-16	245	140
	3/4	190	115	82.6	42.9	15.9-7	4-19	245	180
	1	216	125	88.9	50.8	17.5-7	4-19	290	200
	1-1/4	229	135	98.4	63.5	20.7-7	4-19	325	200
	1-1/2	241	155	114.3	73	22.3-7	4-22	330	240
	2	292	165	127	92.1	25.4-7	8-19	345	280
	2-1/2	330	190	149.2	104.8	28.6-7	8-22.5	365	350
	3	356	210	168.3	127	31.8-7	8-22.5	465	350
	4	432	275	215.9	157.2	38.1-7	8-25.5	520	400
	5	508	330	266.7	185.7	44.5-7	8-29	635	550
	6	559	355	292.1	215.9	47.7-7	12-29	763	600
	8	660	420	349.2	269.9	55.6-7	12-32	845	700
10	787	510	431.8	323.8	63.5-7	16-35	930	800	
12	838	560	489	381	66.7-7	20-35	1010	900	
14	889	605	527	412.8	69.9-7	20-38	1090	900	
16	991	685	603.2	469.9	76.2-7	20-41	1140	1000	
Class 900 JIS 63K	2	368	215	165.1	92.1	38.1-7	8-25	430	320
	2-1/2	419	245	190.5	104.8	41.3-7	8-29	530	320
	3	381	240	190.5	127	38.1-7	8-25	580	360
	4	457	290	235	157.2	44.5-7	8-32	690	450
	5	559	350	279.4	185.7	50.8-7	8-35	780	560
	6	610	380	317.5	215.9	55.6-7	12-32	890	630
	8	737	470	393.7	269.9	63.5-7	12-38	1240	720
	10	838	545	469.9	323.8	69.9-7	16-38	1651	760

FLANGE CHECK VALVE SERIES

法兰止回阀系列



产品执行标准 Product Enforce Standard

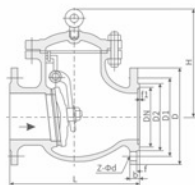
产品规范 Productspecification	设计规范 Design spec	结构长度 Face to face	连接法兰 Flange end	试验与检验 Test & check	压力-温度 Pressure-temp
	GB/T 12236	GB/T 12221 GB/T 15188.1	GB/T 9113 JB/T 79	JB/T 9092 GB/T 13927	GB/T 12224

技术性能规范 Technical Specification

公称压力 Nominal Pressure	PN1.6	PN2.5	PN4.0	PN6.4	PN10.0	PN16.0
壳体试验 Shell Test	2.4	3.75	6.0	9.6	15.0	24.0
高压密封 High Pressure Seal Test	1.76	2.75	4.4	7.04	11.0	17.6
低压密封 Low Pressure Seal Test	0.6					

主要零件材料 Main Parts and Materials

零件名称 Part Name	碳钢系列 Carbon Steel	不锈钢系列 Stainless Steel	合金钢系列 Alloy Steel	低温钢系列 Low Temperature Steel
阀体 Body	WCB	CF8	WC6	LCB
阀座 Seat	25#	0Cr18Ni9(304)	0Cr18Ni9(304)	0Cr18Ni9(304)
阀瓣 Disk	WCB	CF8	WC6	LCB
摇杆 Arm	WCB	CF8	WC6	LCB
销轴 Pin	1Cr13	0Cr18Ni9(304)	0Cr18Ni9(304)	0Cr18Ni9(304)
连接架 Connector	WCB	CF8	WC6	LCB
垫片 Gasket	柔性石墨 Flexible graphite +SS304	柔性石墨 Flexible graphite +SS304	柔性石墨 Flexible graphite +SS304	柔性石墨 Flexible graphite +SS304
阀盖 Bonnet	WCB	CF8	WC6	LCB
双头螺栓 Stud	35CrMoA	0Cr18Ni9(304)	35CrMoA	0Cr18Ni9(304)
螺母 Nut	35#	0Cr18Ni9(304)	35CrMoA	0Cr18Ni9(304)



主要外形尺寸 Main External and Connecting Dimensions

单位Unit: mm

公称直径 DN	L	D	D1	D2	b	Z-φd	H
H44H/W/Y-16C/P/R/I							
50	230	160	125	100	16	4-φ18	160
65	290	180	145	120	18	4-φ18	177
80	310	195	160	135	20	8-φ18	187
100	350	215	180	155	20	8-φ18	202
125	400	245	210	185	22	8-φ18	227
150	480	280	240	210	24	8-φ23	263
200	600	335	295	265	26	12-φ23	293
250	650	405	355	320	30	12-φ26	330
300	750	460	410	375	30	12-φ26	382
350	850	520	470	435	34	16-φ26	430
400	950	580	525	485	36	16-φ30	480
450	1050	640	585	545	40	20-φ30	530
500	1150	705	650	608	44	20-φ34	570
H44H/W/Y-25C/P/R/I							
50	230	160	125	100	20	4-φ18	160
65	290	180	145	120	22	8-φ18	177
80	310	195	160	135	24	8-φ18	187
100	350	230	190	160	28	8-φ23	202
125	400	270	220	188	30	8-φ26	227
150	480	300	250	218	34	8-φ26	263
200	600	360	310	278	36	12-φ26	293
250	650	425	370	332	40	12-φ30	330
300	750	485	430	390	44	16-φ30	382
350	850	550	490	448	48	16-φ34	430
400	950	610	550	505	50	16-φ36	480
450	1050	660	600	555	52	20-φ36	530
500	1150	730	660	610	56	20-φ41	570

主要外形尺寸 Main External and Connecting Dimensions

单位Unit: mm

公称直径 DN	L	D	D1	D2	D6	b	f	f1	Z-φd	H
H44H/W/Y-40C/P/R/I										
50	230	160	125	100	88	20	3	4	4-φ18	160
65	290	180	145	120	110	22	3	4	8-φ18	177
80	310	195	160	135	121	22	3	4	8-φ18	187
100	350	230	190	160	150	24	3	4.5	8-φ23	202
125	400	270	220	188	176	28	3	4.5	8-φ26	227
150	480	300	250	218	204	30	3	4.5	8-φ26	263
200	600	375	320	282	260	38	3	4.5	12-φ30	293
250	650	445	385	345	313	42	3	4.5	12-φ34	330
300	750	510	450	408	364	46	4	4.5	16-φ34	382
350	850	570	510	465	422	52	4	5	16-φ36	430
400	950	655	585	535	474	58	4	5	16-φ41	480
H44H/W/Y-64C/P/R/I										
50	300	175	135	105	88	26	3	4	4-φ23	170
65	340	200	160	130	110	28	3	4	8-φ23	187
80	380	210	170	140	121	30	3	4	8-φ23	197
100	430	250	200	168	150	32	3	4.5	8-φ26	212
125	500	295	240	202	176	36	3	4.5	8-φ30	237
150	550	340	280	240	204	38	3	4.5	8-φ34	273
200	650	405	345	300	260	44	3	4.5	12-φ36	303
250	775	470	400	352	313	48	3	4.5	12-φ41	340
300	900	530	460	412	364	54	4	4.5	16-φ41	392
350	1025	595	525	475	422	60	4	5	16-φ41	440
400	1150	670	585	525	474	66	4	5	16-φ48	490
H44H/W/Y-100C/P/R/I										
50	300	195	145	112	88	28	3	4	4-26	170
65	340	220	170	138	110	32	3	4	8-26	187
80	380	230	180	148	121	34	3	4	8-26	197
100	430	265	210	172	150	38	3	4.5	8-30	212
125	500	310	250	210	176	42	3	4.5	8-34	237
150	550	350	290	250	204	46	3	4.5	12-34	273
200	650	430	360	312	260	54	3	4.5	12-41	303
250	775	500	430	382	313	60	3	4.5	12-41	340
300	900	585	500	442	364	70	4	4.5	16-48	392
350	1025	655	560	495	422	76	4	5	16-54	440
400	1150	715	620	558	474	80	4	5	16-54	490

产品执行标准 Product Enforce Standard

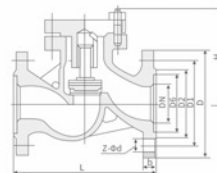
产品规范 Productspecification	设计规范 Design spec	结构长度 Face to face	连接法兰 Flange end	试验与检验 Test & check	压力-温度 Pressure-temp
	GB/T 12235	GB/T 12221	GB/T 9113 JB/T 79	JB/T 9092 GB/T 13927	GB/T 12224

产品性能规范 Product Performance Specification

公称压力 Nominal Pressure	PN1.6	PN2.5	PN4.0	PN6.4	PN10.0
壳体试验 Shell Test	2.4	3.75	6.0	9.6	15.0
高压密封 High Pressure Seal Test	1.76	2.75	4.4	7.04	11.0
低压密封 Low Pressure Seal Test			0.6		

主要零件材料 Main Parts and Materials

零件名称 Part Name	碳钢系列 Carbon Steel	不锈钢系列 Stainless Steel	合金钢系列 Alloy Steel	低温钢系列 Low Temperature Steel
阀体 Body	WCB	CF8	WC6	LCB
阀瓣 Disc	WCB	CF8	WC6	LCB
垫片 Gasket	柔性石墨 Flexible graphite+SS304	柔性石墨 Flexible graphite+SS304	柔性石墨 Flexible graphite+SS304	柔性石墨 Flexible graphite+SS304
阀盖 Bonnet	WCB	CF8	WC6	LCB
双头螺栓 Stud	35CrMoA	0Cr18Ni9(304)	35CrMoA	0Cr18Ni9(304)
螺母 Nut	35#	0Cr18Ni9(304)	35CrMoA	0Cr18Ni9(304)
弹簧 Spring	60S12Mn	0Cr18Ni9(304)	0Cr18Ni9(304)	0Cr18Ni9(304)



主要外形尺寸 Main External and Connecting Dimensions

单位Unit: mm

公称口径 DN	L	D	D1	D2	b	Z-φd	H	WT (kg)
H41H/W/Y-16C/P/R/I								
15	130	95	65	45	14	4-φ14	95	3
20	150	105	75	55	14	4-φ14	110	4
25	160	115	85	65	14	4-φ14	120	5
32	180	135	100	78	16	4-φ18	135	7
40	200	145	110	85	16	4-φ18	148	9
50	230	160	125	100	16	4-φ18	160	10
65	290	180	145	120	18	4-φ18	177	20
80	310	195	160	135	20	8-φ18	187	30
100	350	215	180	155	20	8-φ18	202	39
125	400	245	210	185	22	8-φ18	227	50
150	480	280	240	210	24	8-φ23	263	70
200	600	335	295	265	26	12-φ23	293	161
250	730	405	355	320	30	12-φ26	330	251
300	850	460	410	375	34	12-φ26	382	395
H41H/W/Y-25C/P/R/I								
15	130	95	65	45	16	4-φ14	95	3.4
20	150	105	75	55	16	4-φ14	110	5
25	160	115	85	65	16	4-φ14	120	5.7
32	180	135	100	78	18	4-φ18	135	9.1
40	200	145	110	85	18	4-φ18	148	11.8
50	230	160	125	100	20	4-φ18	160	14.4
65	290	180	145	120	22	4-φ18	177	23
80	310	195	160	135	22	8-φ18	187	30
100	350	230	190	160	24	8-φ23	202	44
125	400	270	220	188	28	8-φ26	227	65
150	480	300	250	218	30	8-φ26	263	99
200	600	360	310	278	34	12-φ26	293	190
250	650	425	370	332	36	12-φ30	330	315
300	750	485	430	390	40	16-φ30	382	450

主要外形尺寸 Main External and Connecting Dimensions

单位Unit:mm

公称口径 DN	L	D	D1	D2	D6	b	Z-Φd	H	WT (kg)
H41H/W/Y-40C/P/R/I									
15	130	95	65	45	40	16	4-Φ14	105	4
20	150	105	75	55	51	16	4-Φ14	120	5.5
25	160	115	85	65	58	16	4-Φ14	130	6
32	180	135	100	78	66	18	4-Φ18	145	12
40	200	145	110	85	76	18	4-Φ18	158	14
50	230	160	125	100	88	20	4-Φ18	170	18
65	290	180	145	120	110	22	8-Φ18	187	27
80	310	195	160	135	121	22	8-Φ18	197	36
100	350	230	190	160	150	24	8-Φ23	212	50
125	400	270	220	188	176	28	8-Φ26	240	75
150	480	300	250	218	204	30	8-Φ26	290	119
200	600	375	320	282	260	38	12-Φ30	330	217
250	650	445	385	345	313	42	12-Φ34	382	310
300	750	510	450	408	364	46	16-Φ34	430	365

主要外形尺寸 Main External and Connecting Dimensions

单位Unit:mm

公称口径 DN	L	D	D1	D2	D6	b	Z-Φd	H	WT (kg)
H41H/W/Y-64C/P/R/I									
15	165	105	75	55	40	18	4-Φ14	115	7
20	190	125	90	68	51	20	4-Φ18	128	11
25	210	135	100	78	58	22	4-Φ18	142	13
32	230	150	110	82	66	24	4-Φ23	161	14
40	260	165	125	95	76	24	4-Φ23	172	20
50	300	175	135	105	88	26	4-Φ23	180	23
65	340	200	160	130	110	28	8-Φ23	192	37
80	380	210	170	140	121	30	8-Φ23	207	46
100	430	250	200	168	150	32	8-Φ26	207	68
125	500	295	240	202	176	36	8-Φ30	235	89
150	550	340	280	240	204	38	8-Φ34	265	131
200	650	405	345	300	260	44	12-Φ36	297	235

执行标准 Execution Standard

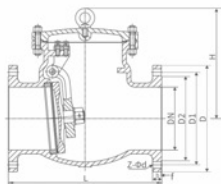
产品规范 Product specification	设计规范 Design spec	结构长度 Face to Face	连接法兰 Flange end	压力-温度 Pressure-temp	试验与检验 Test & check
	API 6D, BS1868	ASME B16.10	ASME B16.5	ASME B16.34	API 598

性能规范 Performance Specification

公称压力(Lb) Nominal pressure		150	300	600	900
强度试验 Strength test	MPa	3.1	7.8	15.3	23.1
	Lbf/in ²	150	1125	2225	3350
水密封试验 Water seal test	MPa	2.2	5.6	11.2	16.8
	Lbf/in ²	315	815	1630	2440
气密封试验 Air seal test	MPa	0.5-0.7			
	Lbf/in ²	60-100			

主要零件材料 Main Parts and Materials

阀体/阀盖/阀瓣/摇杆/导套 Body, bonnet, disc, rocker, guide sleeve	销轴 Pin	垫片 Gasket	密封面 Sealing surface	工作温度(°C) Working temperature	适用介质 Applicable medium	
WCB		增强柔性石墨 1Cr13/柔性石墨 不锈钢/耐酸石棉 PTFE 齿型垫片 Enhanced Flexible graphite 1Cr13/Flexible Graphite S.S./Acie-proof asbestos Tooth profile gasket	13Cr STL 本体材料 PTFE 尼龙 With body material Nylon	≤425	水、汽、油品、 硝酸类、醋酸类、 强氧化、尿素 Water, gas, oil Nitric acid, acetic acid Strong oxidation, urea	
WC1				≤450		
WC6	20Cr13			≤540		
WC9				≤570		
C5C12				≤550		
CF8	304			≤600		
CF3	304L					
CF8M	316					
CF3M	316L					



主要外形尺寸 Main External and Connecting Dimensions

Class 150-300Lb

NPS	Class 150Lb						Class 300Lb									
	L	D	D1	D2	f	b	Z-Φd	H	L	D	D1	D2	f	b	Z-Φd	H
2	203	150	120.7	92.1	2	14.3	4-Φ19	144	267	165	127.0	92.1	2	20.7	8-Φ19	170
2 1/2	216	180	139.7	104.8	2	15.9	4-Φ19	150	292	190	149.2	104.8	2	23.9	8-Φ22.5	190
3	241	190	152.4	127	2	17.5	4-Φ19	210	318	210	168.3	127	2	27	8-Φ22.5	216
4	292	230	190.5	157.2	2	22.3	8-Φ19	217	356	255	200.0	157.2	2	30.2	8-Φ22.5	260
5	330	255	215.9	185.7	2	22.3	8-Φ22.5	235	400	280	235.0	185.7	2	33.4	8-Φ22.5	280
6	356	280	241.3	216	2	23.9	8-Φ22.5	305	444	320	269.9	216	2	35	12-Φ22.5	305
8	495	345	298.5	270	2	27	8-Φ22.5	370	533	380	330.2	270	2	39.7	12-Φ25.5	368
10	622	405	362.0	323.8	2	28.6	12-Φ25.5	417	622	445	387.4	323.8	2	46.1	16-Φ28.5	410
12	698	485	431.8	381	2	30.2	12-Φ25.5	478	711	520	450.8	381	2	49.3	16-Φ32	445
14	787	535	476.3	412.8	2	33.4	12-Φ28.5	540	838	585	514.4	412.8	2	52.4	20-Φ32	570
16	864	595	539.8	470	2	35	16-Φ28.5	620	864	650	571.5	470	2	55.6	20-Φ35	630
18	978	635	577.9	533.4	2	38.1	16-Φ32	685	978	710	628.6	533.4	2	58.8	24-Φ35	676
20	978	700	635.0	584.2	2	41.3	20-Φ32	720	1016	775	685.8	584.2	2	62	24-Φ35	740
24	1295	815	749.3	692.2	2	46.1	20-Φ35	880	1346	915	812.8	692.2	2	68.3	24-Φ41	900

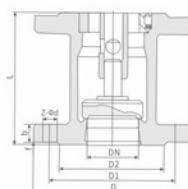
主要外形尺寸 Main External and Connecting Dimensions

Class 600-900Lb

NPS	Class 600Lb						Class 900Lb									
	L	D	D1	D2	f	b	Z-Φd	H	L	D	D1	D2	f	b	Z-Φd	H
2	292	165	127.0	92.1	7	25.4	8-Φ19	170	368	215	165.1	92.1	7	38.1	8-Φ25.5	216
2 1/2	330	190	149.2	104.8	7	28.6	8-Φ22.5	190	419	245	190.5	104.8	7	41.3	8-Φ28.5	254
3	356	210	168.3	127	7	31.8	8-Φ22.5	216	381	240	190.5	127	7	38.1	8-Φ25.5	292
4	432	275	215.9	157.2	7	38.1	8-Φ25.5	260	457	290	235.0	157.2	7	44.5	8-Φ32	318
5	508	330	266.7	185.7	7	44.5	8-Φ29	280	559	350	279.4	185.7	7	50.8	8-Φ35	344
6	559	355	292.1	216	7	47.7	12-Φ29	305	610	380	317.5	215.9	7	55.6	12-Φ32	400
8	660	420	349.2	270	7	55.6	12-Φ32	368	737	470	393.7	269.9	7	63.5	12-Φ38	432
10	787	510	431.8	323.8	7	63.5	16-Φ35	410	838	545	469.9	323.8	7	70	16-Φ38	546
12	838	560	489	381	7	66.7	20-Φ35	445	965	610	533.4	381	7	79.4	20-Φ38	660
14	889	605	537	412.8	7	69.9	20-Φ38	570	1029	640	558.8	412.8	7	85.8	20-Φ41	782
16	991	685	603.2	470	7	76.2	20-Φ41	630	1130	705	616	469.9	7	90	20-Φ44.5	820

注：本表中法兰尺寸按ASME B16.5标准，结构长度按ASME B16.10标准。

Note: The dimensions of flanges in this table are ASME B16.5 standard, and the Face to Face is ASME B16.10 standard.



执行标准 Executive Standard

产品规范 Product Specification	设计规范 Design spec	结构长度 Face to face	连接法兰 Flange end	试验与检验 Test & check
	GB/T 12235	GB/T 12221	JB/T 79, EN 1092-1/2, ASME B16.5/B16.47	JB/T 9092, API 598

主要性能规范 Main Performance Specification

公称压力 Nominal pressure	1.6MPa	2.5MPa		4.0MPa
壳体试验(MPa) Shell test	2.4	3.8		6.0
密封试验(MPa) Seal test	1.8	2.8		4.4
阀体材料 Body material	WCBC(I)	CF8(P)	CF8M (R)	WC6 WC9
工作温度 Working temperature	≤425°C	≤200°C	≤200°C	≤550°C ≤550°C
通用介质 Applicable medium	水、蒸汽、油品 Water, steam, oil products	硝酸类 Nitric acid	醋酸类 Acetic acid	水、蒸汽 Water, steam

主要外形尺寸 Main External and Connecting Dimensions

H42H/W/Y-16、25 单位Unit:mm

公称口径 DN	PN 1.6MPa						PN 2.5MPa					
	L	D	D1	D2	b-f	Z-Φd	L	D	D1	D2	b-f	Z-Φd
15	86	95	65	45	14-2	4-14	86	95	65	45	16-2	4-14
20	96	105	75	55	14-2	4-14	96	105	75	55	16-2	4-14
25	106	115	85	65	14-2	4-14	106	115	85	65	16-2	4-14
32	152	135	100	78	16-2	4-18	152	135	100	78	18-2	4-18
40	160	145	110	85	16-3	4-18	160	145	110	85	18-3	4-18
50	170	160	125	100	16-3	4-18	170	160	125	100	20-3	4-18
65	180	180	145	120	18-3	4-18	180	180	145	120	22-3	4-18
80	200	195	160	135	20-3	8-18	200	195	160	135	22-3	8-18
100	210	215	180	155	20-3	8-18	210	230	190	160	24-3	8-23
125	280	245	210	185	22-3	8-18	280	270	220	188	28-3	8-26
150	300	280	240	210	24-3	8-23	300	300	250	218	30-3	8-26
200	380	335	295	265	26-3	12-23	380	360	310	278	34-3	12-26
250	450	405	355	320	30-3	12-26	450	425	370	332	36-3	12-30
300	450	460	410	375	30-4	12-26	450	485	430	390	40-4	16-30
350	500	520	470	435	34-4	16-26	500	550	490	448	44-4	16-34
400	550	580	525	485	36-4	16-30	550	610	550	505	48-4	16-36
450	600	640	585	545	40-4	20-30	600	660	600	555	50-4	20-36
500	650	705	650	608	44-4	20-34	650	730	660	610	52-4	20-41

FLANGE STRAINER
SERIES

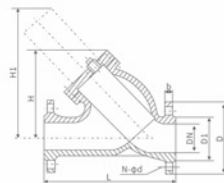
法兰过滤器系列



WF[®] 沃弗阀门
WOFER VALVE

Y-TYPE FLANGE STRAINER

Y型法兰过滤器



主要零件材料 Main Parts and Materials

型号 Model	连接形式 Connection type	公称压力 Nominal pressure	耐压试验压力 Proof pressure	公称压力 Nominal pressure	壳体材料 Shell material	过滤网 Filter screen roof pressure	网眼总面积 Mesh total area
SY4P-10		1.0	1.1	1.0	灰铸铁 Cast iron		
SY4P-16	法兰Flange	1.6	1.76	1.6	球墨铸铁 Ductile iron	不锈钢 Stainless steel	3-4DN
SY4P-25		2.5	2.75	2.5	碳钢 Carbon steel		

主要外形尺寸 Main External and Connecting Dimensions

单位Unit:mm

压力 pressure	DN	L	b	D	D1	D2	Z-Φd
PN 1.6MPa	15	130	14	95	65	45	4-14
	20	140	16	105	75	55	4-14
	25	160	16	115	85	65	4-14
	32	190	16	135	100	78	4-18
	40	220	16	145	110	85	4-18
	50	240	18	160	125	100	4-18
	65	255	18	180	145	120	4-18
	80	320	20	195	160	135	8-18
	100	380	20	215	180	155	8-18
	125	440	22	245	210	185	8-18
150	480	24	280	240	210	8-23	

执行标准 Executive Standards

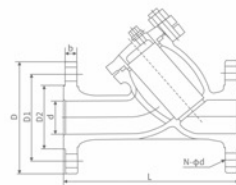
设计与制造 Design And Manufacture	结构长度 Face To Face	法兰尺寸 Flange Dimension	压力-温度 Pressure Temperature Laying	试验 检验 Inspection And Test
JIS B2071 B2081	JIS B2002	JIS B2212 B2214	JIS B2017 B2081	JIS B2003
ANSI B16.34	ANSI B16.34	ANSI 16.5	ANSI B16.34	API 598

性能规范 Performance Specification

公称压力 Nominal Pressure	强度试验 Shell Test		密封试验(液) Water Seal Test		密封试验(气) Air Seal Test	
	MPa	Lbf/in ²	MPa	Lbf/in ²	MPa	Lbf/in ²
150	3.0	430	2.2	315	0.4-0.7	60-100
300	7.7	1110	5.7	815		

主要性能规范 Main Performance Specification

阀体/阀盖/阀瓣/阀杆/导向套 Body, bonnet, disc, rocker, guide sleeve	滤网 Filter	垫片 Gasket	工作温度°C Working Temperature	适用介质 Suitable Medium
WCB	SS 304	增强柔性石墨 1Cr 13/柔性石墨 不锈钢/耐酸石棉 PTFE 齿型垫片	425° C	水、蒸气、油品 Water Steam Petroleum Products
WC1			450° C	
WC6			540° C	
WC9			570° C	
C5 C12			540° C	
CF8	SS 316L	Enhanced Flexible graphite 1Cr 13/Flexible Graphite S.S./Acid-proof Asbestos Tooth Profile Gasket	200° C	硝酸类/醋酸类 Nitric Acid Acetic Acid
CF8M				
CF3				
CF3M				



主要外形尺寸 Main External and Connecting Dimensions

单位Unit:mm

压力 Pressure	NPS	DN	L	d	D	D1	D2	b-f	n-φd
150lb	1/2"	15	166	15	90	60.3	34.9	8-2	4-φ16
	3/4"	20	188	20	100	69.9	42.9	8.9-2	4-φ16
	1"	25	188	25	110	79.4	50.8	9.6-2	4-φ16
	1-1/4"	32	178	32	115	88.9	63.5	11.2-2	4-φ16
	1-1/2"	40	181	40	125	98.4	73	12.7-2	4-φ16
	2"	50	200	50	150	120.7	92.1	14.3-2	4-φ19
	2-1/2"	65	248	63	180	139.7	104.8	15.9-2	4-φ19
	3"	80	256	76	190	152.4	127	17.5-2	4-φ19
	4"	100	308	100	230	190.5	157.2	22.3-2	8-φ19
	6"	125	470	150	280	241.3	215.9	23.9-2	8-φ22
300lb	8"	150	543	200	345	298.5	269.9	27-2	8-φ22
	10"	200	661	250	405	362.0	323.8	28.6-2	12-φ25
	12"	250	759	300	485	431.8	381	30.2-2	12-φ25
	1/2"	15	169	15	95	66.7	34.9	12.7-2	4-φ16
	3/4"	20	212	20	115	82.6	42.9	14.3-2	4-φ19
	1"	25	212	25	125	88.9	50.8	15.9-2	4-φ19
	1-1/4"	32	258	32	135	98.4	63.5	17.5-2	4-φ19
	1-1/2"	40	261	40	155	114.3	73	19.1-2	4-φ22
	2"	50	245	50	165	127	92.1	20.7-2	8-φ19
	2-1/2"	65	270	63	190	149.2	104.8	23.9-2	8-φ22.5
	3"	80	305	76	210	168.3	127	27-2	8-φ22.5
	4"	100	369	100	255	200	157.2	30.2-2	8-φ22.5
	6"	125	491	150	320	269.9	215.9	35-2	12-φ25.5
	8"	150	594	200	380	330.2	29.9	39.7-2	12-φ25.5
	10"	200	696	250	445	387.4	323.8	46.1-2	16-φ29