

ZHEJIANG

CHISHENG

VALVE TECHNOLOGY CO., LTD

浙江持胜阀门科技有限公司

锻钢阀门系列

Forged Steel Valve



持胜阀门



Company Profile 企业简介

Zhejiang Chisheng Valve Technology Co., Ltd. is located in Oubei, Wenzhou — the renowned "Hometown of Pumps & Valves in China". We are a professional manufacturer integrating R&D, production and sales, specializing in forged steel ball valves, as well as a full range of forged steel gate valves, globe valves, check valves, cryogenic valves, vent & drain valves, integral flange forged steel valves, self-sealing forged steel valves and other related valve products.

Since its establishment, our company has focused on technological innovation and new product development. We have obtained international system certifications including ISO 9001, ISO 14001 and ISO 45001, and hold the TS Special Equipment Manufacturing License. Our enterprise is also awarded the titles of Provincial Sci-Tech SME, Advanced Technology Enterprise, Independent R&D Enterprise for Scientific and Technological Innovation, etc.

Our products are manufactured in strict accordance with international standards such as API, ANSI, JIS, ISO, BS, JB, and domestic advanced GB standards. We are equipped with complete facilities for forging die processing, CNC machining, welding and assembly. Meanwhile, we have built a CAD valve design center and a professional quality inspection & testing center. Advanced production equipment and comprehensive testing systems effectively guarantee high product quality and protect customers' interests. Our products feature advanced structure, exquisite craftsmanship, complete specifications and superior quality.

Chisheng valves are widely applied in supporting imported facilities and key engineering projects of petroleum, chemical, metallurgical, machinery, electric power and other pipeline industries, winning high trust from customers at home and abroad.

Adhering to the business philosophy of "Pursue Quality Excellence, Stay One Step Ahead", we strive for sustainable enterprise development. Taking safeguarding customers' interests as the premise and achieving win-win cooperation as the goal, all staff of Chisheng will embrace future challenges with premium quality, scientific management and satisfactory services.

We sincerely welcome customers from all over the world to purchase our products and negotiate cooperation with us.



Production Workshop

生产车间

Chisheng is equipped with high-precision CNC machine tools and machining centers, advanced production equipment and testing instruments, sophisticated manufacturing techniques, as well as a strict and comprehensive quality management system. We have gathered a team of professional technical elites and leading scientific & technological talents. By fully adopting new technologies, new processes and new materials, we ensure the stability and reliability of our products.

The excellent quality of Chisheng products stems from advanced manufacturing capabilities, and our pursuit of high-end quality comes from continuous innovation.



Perfect Quality is
Originated From Advanced
Manufacturing Means

完美的品质取源于制造手段的先进





Enterprise Qualification

企业资质

副本

中华人民共和国
特种设备生产许可证
Production License of Special Equipment
People's Republic of China

编号: TS2733M95-2027

单位名称: 浙江持胜阀门科技有限公司
住 所: 浙江省永嘉县瓯北镇林洋村(林洋路18号)
制造地址: 浙江省永嘉县瓯北街道珠岙流程装备产业园8号楼三层

经审查, 获准从事以下特种设备生产活动:

许可项目	许可子项目	许可参数	备注
压力管道 元件制造	压力管道阀门 (金属阀门) (B)	—	具体产品范围见型式 试验证书

发证机关: 浙江省市场监督管理局 (发证机关公章)
有效期至: 2027年1月11日 发证日期: 2023年11月12日

特种设备型式试验证书
Special Equipment Type Test Certificate
(压力管道元件)
Pressure Piping Components
证书编号 Certificate No.: TSSX71002720230335

制造单位 Manufacturer: 浙江持胜阀门科技有限公司
单位地址 Address: 浙江省温州市永嘉县瓯北镇林洋村(林洋路18号)
制造地址: 浙江省永嘉县瓯北镇林洋村(林洋路18号) 3层
设备类别 Equipment Type: 金属阀门

产品名称 (品名) Product: 球阀
产品型号 Model: BQ11-100 DN50, BQ1Y-250 DN50
型式试验报告编号: YSY20230654, YSY20230659

型式试验, 确认符合《压力管道元件型式试验规则》TSG D7002-2008的要求。本证书覆盖以下型号规格的产品:
The products meet the TSG D7002-2008 PRESSURE PIPING COMPONENTS TYPE TEST REGULATION by passing the type test. This certificate covers these products as following:

PN<25.0MPa, DN<100mm, 适用温度 -29~425℃。

浙江省特种设备科学研究院
Zhejiang Academy of Special Equipment Science
二〇二三年九月二十七日
Date of Issue: 2023.09.27

特种设备型式试验证书
Special Equipment Type Test Certificate
(压力管道元件)
Pressure Piping Components
证书编号 Certificate No.: TSSX71002720230336

制造单位 Manufacturer: 浙江持胜阀门科技有限公司
单位地址 Address: 浙江省温州市永嘉县瓯北镇林洋村(林洋路18号)
制造地址: 浙江省永嘉县瓯北镇林洋村(林洋路18号) 3层
设备类别 Equipment Type: 金属阀门

产品名称 (品名) Product: 球阀
产品型号 Model: ZQ11-100 DN50, ZQ1Y-250 DN50
型式试验报告编号: YSY20230656, YSY20230660

型式试验, 确认符合《压力管道元件型式试验规则》TSG D7002-2008的要求。本证书覆盖以下型号规格的产品:
The products meet the TSG D7002-2008 PRESSURE PIPING COMPONENTS TYPE TEST REGULATION by passing the type test. This certificate covers these products as following:

PN<25.0MPa, DN<100mm, 适用温度 -29~425℃。

浙江省特种设备科学研究院
Zhejiang Academy of Special Equipment Science
二〇二三年九月二十七日
Date of Issue: 2023.09.27

特种设备型式试验证书
Special Equipment Type Test Certificate
(压力管道元件)
Pressure Piping Components
证书编号 Certificate No.: TSSX71002720230338

制造单位 Manufacturer: 浙江持胜阀门科技有限公司
单位地址 Address: 浙江省温州市永嘉县瓯北镇林洋村(林洋路18号)
制造地址: 浙江省永嘉县瓯北镇林洋村(林洋路18号) 3层
设备类别 Equipment Type: 金属阀门

产品名称 (品名) Product: 截止阀
产品型号 Model: JQ11-100 DN50, JQ1Y-250 DN50
型式试验报告编号: YSY20230655, YSY20230661

型式试验, 确认符合《压力管道元件型式试验规则》TSG D7002-2008的要求。本证书覆盖以下型号规格的产品:
The products meet the TSG D7002-2008 PRESSURE PIPING COMPONENTS TYPE TEST REGULATION by passing the type test. This certificate covers these products as following:

PN<25.0MPa, DN<100mm, 适用温度 -29~425℃。

浙江省特种设备科学研究院
Zhejiang Academy of Special Equipment Science
二〇二三年九月二十七日
Date of Issue: 2023.09.27

特种设备型式试验证书
Special Equipment Type Test Certificate
(压力管道元件)
Pressure Piping Components
证书编号 Certificate No.: TSSX71002720230337

制造单位 Manufacturer: 浙江持胜阀门科技有限公司
单位地址 Address: 浙江省温州市永嘉县瓯北镇林洋村(林洋路18号)
制造地址: 浙江省永嘉县瓯北镇林洋村(林洋路18号) 3层
设备类别 Equipment Type: 金属阀门

产品名称 (品名) Product: 球阀
产品型号 Model: BQ1Y-40 DN50, BQ1X-100 DN100
型式试验报告编号: YSY20230658, YSY20230657

型式试验, 确认符合《压力管道元件型式试验规则》TSG D7002-2008的要求。本证书覆盖以下型号规格的产品:
The products meet the TSG D7002-2008 PRESSURE PIPING COMPONENTS TYPE TEST REGULATION by passing the type test. This certificate covers these products as following:

PN<16.0MPa, DN<200mm, 适用温度 -29~150℃。

浙江省特种设备科学研究院
Zhejiang Academy of Special Equipment Science
二〇二三年九月二十七日
Date of Issue: 2023.09.27



质量管理体系认证证书

证书号: 11423Q47051R0S

兹证明
浙江持胜阀门科技有限公司
统一社会信用代码: 913303245753351273

注册地址: 永嘉县瓯北镇林洋村
生产办公地址: 浙江省温州市永嘉县瓯北街道珠香流程装备产业园8号楼三层

质量管理体系符合标准
GB/T19001-2016/ISO9001:2015

适用范围
该公司许可证范围内闸阀、截止阀、止回阀、球阀的生产和销售(含特种设备)

初次发证日期: 2023年08月20日
证书颁发日期: 2023年08月20日
证书有效期至: 2026年08月27日

签发: **魏凤茹** 北京东方纵横认证中心有限公司

EACC IAF CNAS

中国认可
国际互认
管理体系
MANAGEMENT SYSTEM
CNAS C114A1

地址: 北京经济技术开发区通海路11号1217室 邮编: 101500
电话: 北京总部010-87501100 天津分公司022-58551100 杭州分公司0571-87501100
www.eacc.com.cn

环境管理体系认证证书

证书号: 11423E47054R0S

兹证明
浙江持胜阀门科技有限公司
统一社会信用代码: 913303245753351273

注册地址: 永嘉县瓯北镇林洋村
生产办公地址: 浙江省温州市永嘉县瓯北街道珠香流程装备产业园8号楼三层

环境管理体系符合标准
GB/T24001-2016/ISO14001:2015

适用范围
该公司许可证范围内闸阀、截止阀、止回阀、球阀的生产和销售(含特种设备)及其所涉及场所的相关环境管理活动

初次发证日期: 2023年08月20日
证书颁发日期: 2023年08月20日
证书有效期至: 2026年08月27日

签发: **魏凤茹** 北京东方纵横认证中心有限公司

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电话: 北京总部010-87501100 天津分公司022-58551100 杭州分公司0571-87501100
www.eacc.com.cn

职业健康安全管理体系认证证书

证书号: 11423S27055R0S

兹证明
浙江持胜阀门科技有限公司
统一社会信用代码: 913303245753351273

注册地址: 永嘉县瓯北镇林洋村
生产办公地址: 浙江省温州市永嘉县瓯北街道珠香流程装备产业园8号楼三层

职业健康安全管理体系符合标准
GB/T 45001-2020/ISO 45001:2018

适用范围
该公司许可证范围内闸阀、截止阀、止回阀、球阀的生产和销售(含特种设备)及其所涉及场所的相关职业健康安全管理活动

初次发证日期: 2023年08月20日
证书颁发日期: 2023年08月20日
证书有效期至: 2026年08月27日

签发: **魏凤茹** 北京东方纵横认证中心有限公司

EACC IAF CNAS

中国认可
国际互认
管理体系
MANAGEMENT SYSTEM
CNAS C114A2

地址: 北京经济技术开发区通海路11号1217室 邮编: 101500
电话: 北京总部010-87501100 天津分公司022-58551100 杭州分公司0571-87501100
www.eacc.com.cn

QUALITY MANAGEMENT SYSTEM CERTIFICATE

Certificate No.: 11423Q47051R0S

This is to certify that the Quality Management System of
ZHEJIANG CHISHENG VALVE TECHNOLOGY CO., LTD.
Unified Social Credit Code: 913303245753351273

Registered Address: Linyang Village, Oubei Township, Yongjia County
Production/Office Address: Floor 3, Building 8, Zhu'ao Process Equipment Industrial Park, Oubei Sub-district, Yongjia County, Wenzhou City, Zhejiang Province, China

Has been audited to conform to the following Quality Management System standard
GB/T19001-2016/ISO9001:2015

The Applicable Scope
The production and sale of gate valves, globe valves, check valves and ball valves within the scope of the company's license (including special equipment)

Date of initial issue: Aug. 20, 2023
Date of issue: Aug. 20, 2023
Date of expiry: Aug. 27, 2026

Issued by: **Wei Fengru** Beijing East Allreach Certification Center Co., Ltd.

EACC IAF CNAS

中国认可
国际互认
管理体系
MANAGEMENT SYSTEM
CNAS C114A1

地址: 北京经济技术开发区通海路11号1217室 邮编: 101500
电话: 北京总部010-87501100 天津分公司022-58551100 杭州分公司0571-87501100
www.eacc.com.cn

ENVIRONMENTAL MANAGEMENT SYSTEM CERTIFICATE

Certificate No.: 11423E47054R0S

This is to certify that the Environmental Management System of
ZHEJIANG CHISHENG VALVE TECHNOLOGY CO., LTD.
Unified Social Credit Code: 913303245753351273

Registered Address: Linyang Village, Oubei Township, Yongjia County
Production/Office Address: Floor 3, Building 8, Zhu'ao Process Equipment Industrial Park, Oubei Sub-district, Yongjia County, Wenzhou City, Zhejiang Province, China

Has been audited to conform to the following Environmental Management System standard
GB/T24001-2016/ISO14001:2015

The Applicable Scope
The production and sale of gate valves, globe valves, check valves and ball valves within the scope of the company's license (including special equipment) and related environmental management activities of involved sites

Date of initial issue: Aug. 20, 2023
Date of issue: Aug. 20, 2023
Date of expiry: Aug. 27, 2026

Issued by: **Wei Fengru** Beijing East Allreach Certification Center Co., Ltd.

EACC IAF CNAS

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地址: 北京经济技术开发区通海路11号1217室 邮编: 101500
电话: 北京总部010-87501100 天津分公司022-58551100 杭州分公司0571-87501100
www.eacc.com.cn

OCCUPATIONAL HEALTH AND SAFETY MANAGEMENT SYSTEM CERTIFICATE

Certificate No.: 11423S27055R0S

This is to certify that the Occupational Health and Safety Management System of
ZHEJIANG CHISHENG VALVE TECHNOLOGY CO., LTD.
Unified Social Credit Code: 913303245753351273

Registered Address: Linyang Village, Oubei Township, Yongjia County
Production/Office Address: Floor 3, Building 8, Zhu'ao Process Equipment Industrial Park, Oubei Sub-district, Yongjia County, Wenzhou City, Zhejiang Province, China

Has been audited to conform to the following Occupational Health and Safety Management System standard
GB/T 45001-2020/ISO 45001:2018

The Applicable Scope
The production and sale of gate valves, globe valves, check valves and ball valves within the scope of the company's license (including special equipment) and related occupational health and safety management activities of involved sites

Date of initial issue: Aug. 20, 2023
Date of issue: Aug. 20, 2023
Date of expiry: Aug. 27, 2026

Issued by: **Wei Fengru** Beijing East Allreach Certification Center Co., Ltd.

EACC IAF CNAS

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CNAS C114A2

地址: 北京经济技术开发区通海路11号1217室 邮编: 101500
电话: 北京总部010-87501100 天津分公司022-58551100 杭州分公司0571-87501100
www.eacc.com.cn



Enterprise Qualification

企业资质

SCJDGL SCJDGL SCJDGL

统一社会信用代码
913303245753351273 (1/1)

营业执照

SCJDGL (副本) SCJDGL SCJD

名称 浙江持胜阀门科技有限公司 注册资本 叁仟万元整

类型 有限责任公司(自然人投资或控股) 成立日期 2011年05月23日

法定代表人 陈忠义 营业期限 2011年05月23日至长期

经营范围 一般项目:阀门和旋塞研发;普通阀门和旋塞制造(不含特种设备制造);泵及真空设备制造;通用设备制造(不含特种设备制造);锻件及粉末冶金制品制造;有色金属铸造;机械电气设备制造;五金产品制造;金属切削及焊接设备制造;电子元器件与机电组件设备制造;阀门和旋塞销售;泵及真空设备销售;电子元器件与机电组件设备销售;锻件及粉末冶金制品销售;机械电气设备销售;五金产品批发;通用设备修理;机械设备租赁;货物进出口;技术进出口(除依法须经批准的项目外,凭营业执照依法自主开展经营活动)。许可项目:特种设备制造(依法须经批准的项目,经相关部门批准后方可开展经营活动,具体经营项目以审批结果为准)。

住所 永嘉县瓯北镇林洋村

登记机关 永嘉县市场监督管理局

2022年05月23日

国家企业信用信息公示系统网址: <http://www.gsxt.gov.cn> 市场主体应当于每年1月1日至6月30日通过国家信用信息公示系统报送公示年度报告。 国家市场监督管理总局监制

浙江省科技型中小企业
证书

企业名称: 浙江持胜阀门有限公司

证书编号: 20213303001165

浙江省科学技术厅

第 9548162 号

商标注册证

核定使用商品(第6类)
金属阀门(非机器零件);未加工或半加工普通金属;压缩气体钢瓶和液气减压阀;金属法兰盘(截止)

注册人 永嘉持胜阀门有限公司

注册地址 浙江省永嘉县瓯北镇林洋村

注册有效期限 自公元 2012年06月28日 至 2022年06月27日止

局长签发 许瑞表

浙江持胜阀门科技有限公司

贵公司在全国开展的先进技术企业评选活动中,经审核被荣选为:

先进技术企业

TECHNOLOGICALLY ADVANCED ENTERPRISE

浙江持胜阀门科技有限公司

经审核:贵公司在全国开展的创新型企业家宣传推广活动中,被荣选为:

科技创新自主研发企业

INDEPENDENT R & D ENTERPRISE OF SCIENTIFIC AND TECHNOLOGICAL INNOVATION



科学技术成果登记证书

登记号：DJ103032022Y0152

经公示无异议，“防堵塞低溢截止阀”

登记为浙江省科学技术成果，特此发证。

完成单位：浙江特德阀门科技有限公司

完成人：陈通博、陈志义、周建其、程盛时、特仁善

发证机关： 发证日期：2022年10月25日

科技成果登记证书不作为确认科技成果权属的直接依据，不作为产品性能、功能等有有效性的判断，不作为商业宣传用途。

浙江省科技厅制

科学技术成果登记证书

登记号：DJ103032023Y0182

经公示无异议，“防堵塞橡胶截止阀”

登记为浙江省科学技术成果，特此发证。

完成单位：浙江特德阀门科技有限公司

完成人：陈通博、陈志义、赵锦锋、周建其、程盛时、特仁善

发证机关： 发证日期：2023年10月25日

科技成果登记证书不作为确认科技成果权属的直接依据，不作为产品性能、功能等有有效性的判断，不作为商业宣传用途。

浙江省科技厅制

发明专利证书

发明名称：一种截止阀毛刺加工工艺的改进

发明人：陈通博、陈志义、周建其

专利号：ZL 2021 2 3046021.4

专利申请日：2021年08月20日

专利权人：浙江特德阀门科技有限公司

地址：321000 浙江省温州市永嘉县瓯北镇特德村

授权公告日：2022年02月11日 授权公告号：CN 113790248 B

局长 申仁南

副局长 李俊

实用新型专利证书

实用新型名称：电动截止阀

发明人：陈通博、陈志义、周建其

专利号：ZL 2021 2 3046021.4

专利申请日：2021年08月20日

专利权人：浙江特德阀门科技有限公司

地址：321000 浙江省温州市永嘉县瓯北镇特德村

授权公告日：2022年01月11日 授权公告号：CN 212649602 U

局长 申仁南

副局长 李俊

实用新型专利证书

实用新型名称：橡胶截止阀

发明人：陈通博、陈志义、周建其

专利号：ZL 2021 2 3046021.4

专利申请日：2021年08月20日

专利权人：浙江特德阀门科技有限公司

地址：321000 浙江省温州市永嘉县瓯北镇特德村

授权公告日：2022年01月28日 授权公告号：CN 212669224 U

局长 申仁南

副局长 李俊

实用新型专利证书

实用新型名称：一种橡胶截止阀

发明人：陈通博、陈志义、周建其

专利号：ZL 2022 2 2372062.6

专利申请日：2022年04月20日

专利权人：浙江特德阀门科技有限公司

地址：321000 浙江省温州市永嘉县瓯北镇特德村

授权公告日：2022年08月06日 授权公告号：CN 219886013 U

局长 申仁南

副局长 李俊

实用新型专利证书

实用新型名称：电动截止阀

发明人：陈通博、陈志义、周建其

专利号：ZL 2021 2 3046021.4

专利申请日：2021年08月20日

专利权人：浙江特德阀门科技有限公司

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授权公告日：2022年11月13日 授权公告号：CN 217922504 U

局长 申仁南

副局长 李俊

实用新型专利证书

实用新型名称：一种橡胶截止阀的密封结构

发明人：陈通博、陈志义、周建其

专利号：ZL 2022 2 3247864.9

专利申请日：2022年08月04日

专利权人：浙江特德阀门科技有限公司

地址：321000 浙江省温州市永嘉县瓯北镇特德村

授权公告日：2022年11月22日 授权公告号：CN 219762209 U

局长 申仁南

副局长 李俊

实用新型专利证书

实用新型名称：一种橡胶截止阀的密封结构

发明人：陈通博、陈志义、周建其

专利号：ZL 2022 2 3247864.9

专利申请日：2022年08月04日

专利权人：浙江特德阀门科技有限公司

地址：321000 浙江省温州市永嘉县瓯北镇特德村

授权公告日：2022年11月14日 授权公告号：CN 219762209 U

局长 申仁南

副局长 李俊

实用新型专利证书

实用新型名称：一种橡胶截止阀的密封结构

发明人：陈通博、陈志义、周建其

专利号：ZL 2022 2 3247864.9

专利申请日：2022年08月04日

专利权人：浙江特德阀门科技有限公司

地址：321000 浙江省温州市永嘉县瓯北镇特德村

授权公告日：2022年11月18日 授权公告号：CN 219762209 U

局长 申仁南

副局长 李俊

实用新型专利证书

实用新型名称：密封截止阀

发明人：陈通博、陈志义、周建其

专利号：ZL 2022 2 3046021.4

专利申请日：2022年11月04日

专利权人：浙江特德阀门科技有限公司

地址：321000 浙江省温州市永嘉县瓯北镇特德村

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局长 申仁南

副局长 李俊

实用新型专利证书

实用新型名称：一种密封结构

发明人：陈通博、陈志义、周建其

专利号：ZL 2022 2 2372062.6

专利申请日：2022年04月20日

专利权人：浙江特德阀门科技有限公司

地址：321000 浙江省温州市永嘉县瓯北镇特德村

授权公告日：2022年08月11日 授权公告号：CN 219886013 U

局长 申仁南

副局长 李俊

实用新型专利证书

实用新型名称：一种截止阀密封结构的改进

发明人：陈通博、陈志义、周建其

专利号：ZL 2022 2 3046021.4

专利申请日：2022年08月22日

专利权人：浙江特德阀门科技有限公司

地址：321000 浙江省温州市永嘉县瓯北镇特德村

授权公告日：2022年11月14日 授权公告号：CN 219762209 U

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发明人：陈通博、陈志义、周建其

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局长 申仁南

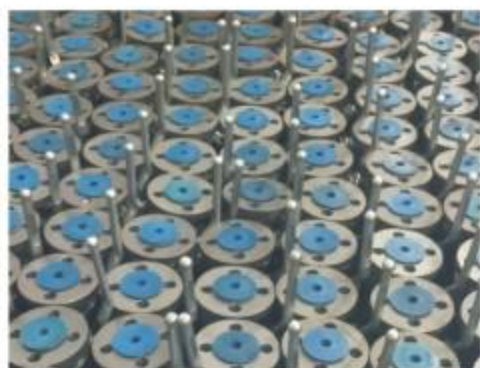
副局长 李俊



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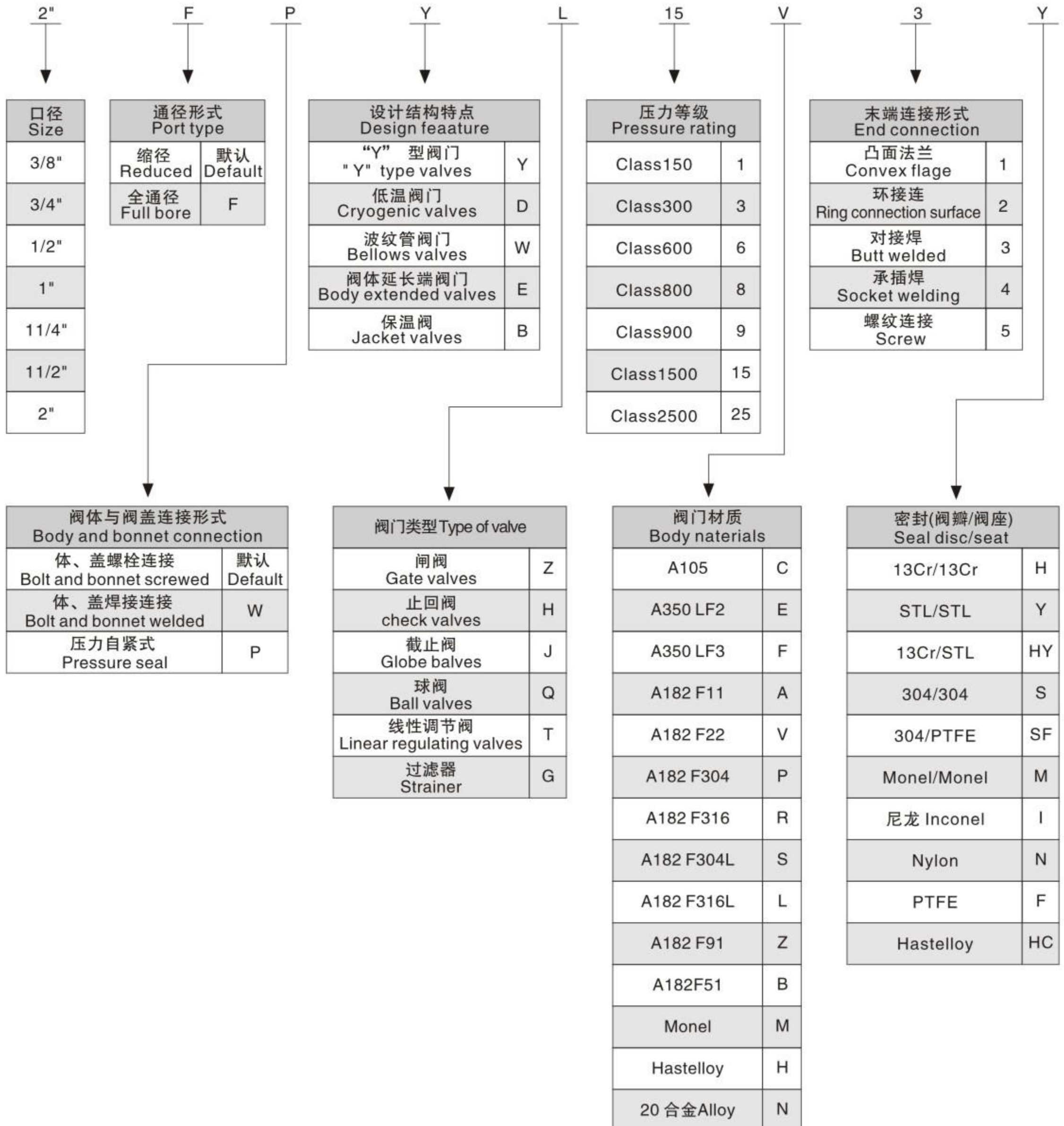


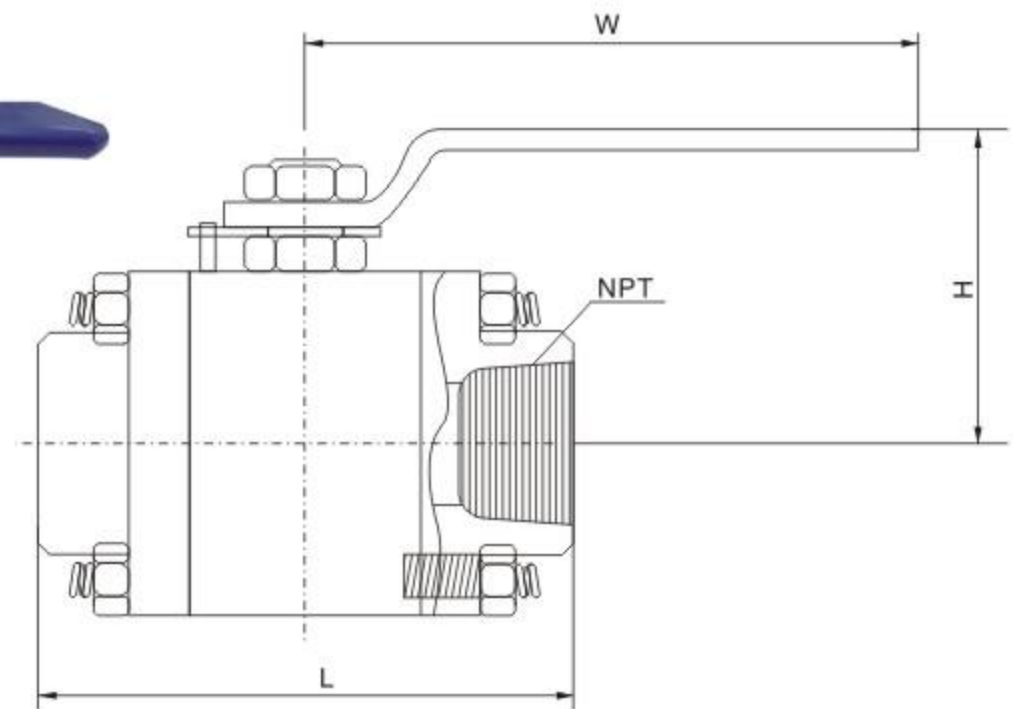
当您询问或订购我们的阀门时不必详细了解我们的阀门订货号编制系统。只要您能提供了您能所选阀门的充分描述，我们的销售部门就可以将其编译成相应的阀门订货号。所选阀门的充分描述应该是从阀门类型开始的，接着就是阀门口径、压力等级、两端连接形式、密封面材质或根据API 602所规定的内件号等等。

下面是我们给出的一个例子，目的是想用图示的方法来说明一个典型的阀门订货号，但如果需要详细地说明，请向我们咨询。

A familiarity with our figure number system is not necessary when specifying or ordering our valves. Providing a full description of the valves is given, our Sales Office will translate this into a figure number. A full description of the valves would begin with the kind of valves, and would then go on to give size, pressure rating, end connection, seat-seal material etc.

We give an example below in order to illustrate a typical figure number, but if a fuller explanation is required, please consult us.





应用规范 Application standard

- 1、设计和制造标准数据: BS5351 MSSSP-118;
- 2、连接端根据:
 - a.承插焊根据: ANSI B16.11:JB/T1751
 - b.螺纹端根据: ANSI B16.11:JB/T1751
 - c.对焊端根据: ANSI B16.25:JB/T12224
 - d.法兰端根据: ANSI B16.5:JB79
- 3、检验与试验根据: AP1598:GB/T13927:JB/T9092
- 4、结构特征: 三片式螺栓连接
- 5、材料标准根据: ANSI/ASTM
- 6、阀体主要材料: A105:LF2:F304(L):F316(L):F51

- 1.Design and manufacture conform to BS5351 MSSSP-118;
- 2.Connection ends Conform to:
 - a.Socket welded ends conform to ANSI B16.11:JB/T1751
 - b.Screw ends conform to ANSI B16.11; JB/T1751
 - c.Butt-welded ends conform to ANSI B16.25; JB/T12224
 - d.Flanged ends conform to ANSI B16.5; JB79
- 3.Test and inspection conform to:API598:GB/T13927:JB/T9092
- 4.Structure features:Bolted bonnet;three-piece
- 5.Materials conform to ANSI/ASTM
- 6.Main materials:A105:LF2:F304(L):F316(L):F51

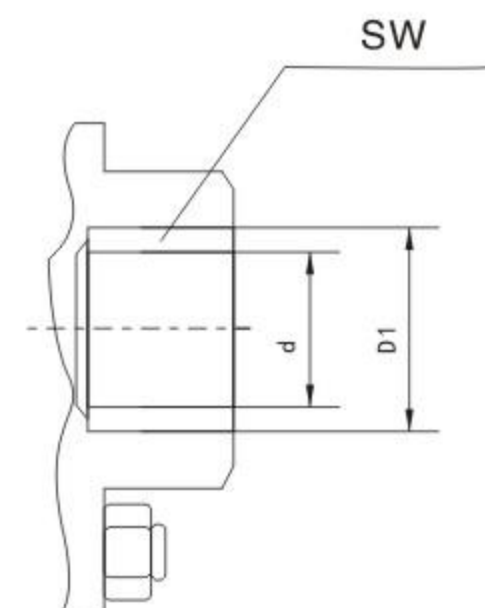
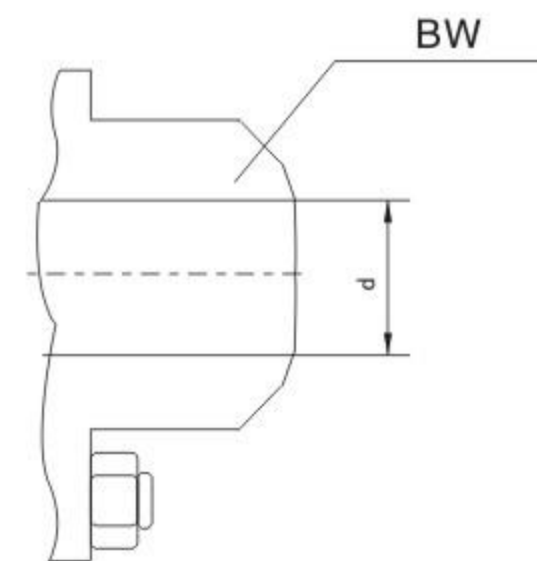
主要零件材质表/Form of Major Parts Materials

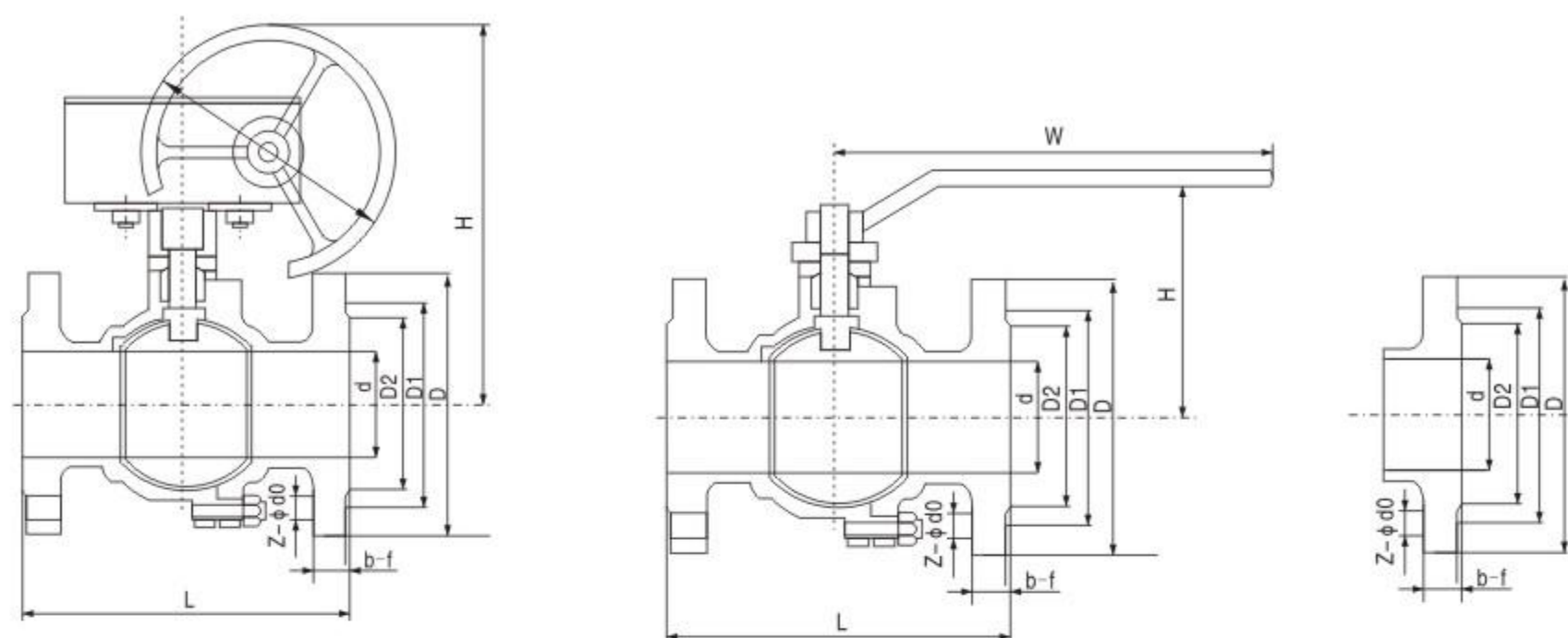
序号 NO	零件名称/Accessory name	材质/Material
1	阀体Body	A105、F304、F316、F316L.F51、LF2
2	密封圈Sealing Ring	尼龙、RPTFE、PPL,PEEK
3	球体Ball	A105+日NP、F304、F316、316L.F51
4	阀杆Stem	410、A105+ENP、F304、F316、F31、51
5	O型圈O-Ring	丁晴橡胶、Viton
6	垫片Gasket	SS304+石墨, PTFE
7	螺栓Bot	B7、B8、B8M、L7
8	螺母Nut	2H、8、8M、4
9	薄型螺母Flat nut	不锈钢

主要外型及连接尺寸表

Main Types and Connecting Dimension

EP	1/4	3/8	1/2	3/4	1	1-1/4	1-1/2	2
L	92	92	92	111	127	140	152	152
d	cl800	6	9	13	19	25	32	38
	cl1500	6	9	13	18	23	28	35
H	70	70	70	80	80	105	105	115
W	125	125	125	215	215	250	250	290
重量(Kg) Weight(Kg)	2.5	2.4	2.3	3.4	5.4	6.4	11	13
	2.5	2.4	2.3	3.7	5.8	6.8	11.5	13.7

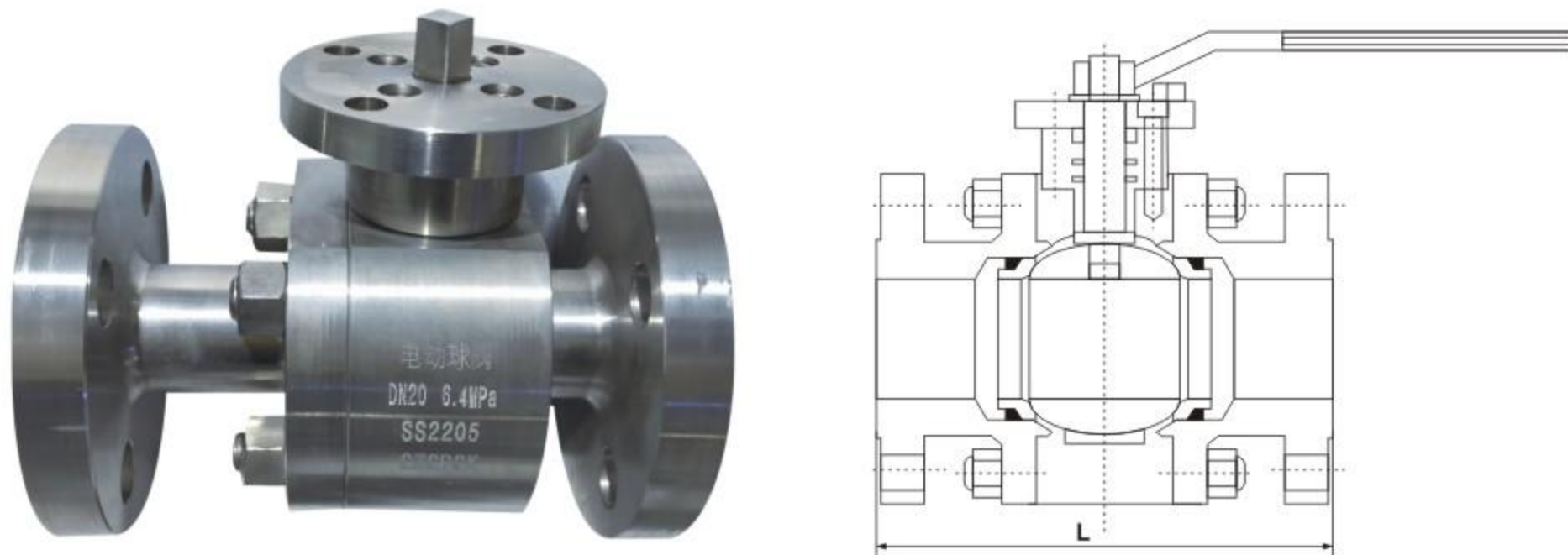




■ 主要型号规格球阀的 (企业标准) 尺寸表
The main valve in the model specifications(Corporate Standards)table size

公称压力PN(Mpa) Nominal pressure	公称口径DN(mm) Nominal diameter	L		D	D1	D2	b	f	z-φd
		系列1	系列2						
1.6MPa	15	130	108	95	65	45	14	2	4-14
	20	140	117	105	75	55	14		4-14
	25	150	127	115	85	65	14		4-18
	32	165	140	135	100	78	16		4-18
	40	180	165	145	110	85	16		4-18
	50	200	178	160	125	100	16	4-18	
	65	220	190	180	145	120	18	4-18	
	80	250	203	195	160	135	20	8-18	
	100	280	305	215	180	155	20	8-18	
	125	320	356	245	210	185	22	8-18	
	150	360	394	280	240	210	24	8-23	
	200	400	457	335	295	265	26	12-23	
	250	450	405	355	320	30	12-25		
300	610	460	410	375	30	12-25			
2.5MPa	15	130	140	95	65	45	16	2	4-14
	20	140	152	105	75	55	16		4-14
	25	150	165	115	85	65	16		4-14
	32	165	180	135	100	78	18		4-18
	40	180	190	145	110	85	18		4-18
	50	200	216	160	125	100	20	4-18	
	65	220	241	180	145	120	22	8-18	
	80	250	283	195	160	135	22	8-18	
	100	280	305	230	190	160	24	8-23	
	125	320	381	270	220	188	28	8-25	
	150	360	403	300	250	218	30	8-25	
	200	400	360	310	278	34	12-25		
	250	450	425	370	332	36	12-30		
300	610	485	430	390	40	16-30			

公称压力PN(Mpa) Nominal pressure	公称口径DN(mm) Nominal diameter	L	D	D1	D2	D6	b	f	z-φd
4.0MPa	15	130	95	65	45	40	16	2/4	4-14
	20	140	105	75	55	51	16	2/4	4-14
	25	150	115	85	65	58	16	2/4	4-14
	32	180	135	100	78	66	18	2/4	4-18
	40	200	145	110	85	76	18	3/4	4-18
	50	220	160	125	100	88	20	3/4	4-18
	65	250	180	145	120	110	22	3/4	8-18
	80	283	195	160	135	121	22	3/4	8-18
	100	305	230	190	160	150	24	3/4.5	8-23
	125	381	270	220	188	176	28	3/4.5	8-25
	150	403	300	250	218	204	30	3/4.5	8-25
200	502	375	320	282	260	38	3/4.5	12-30	
6.4MPa	15	140	105	75	55	40	18	2/4	4-14
	20	152	125	95	68	51	20	2/4	4-18
	25	165	135	100	78	58	22	2/4	4-18
	32	180	150	110	82	66	24	2/4	4-23
	40	200	165	125	95	76	24	3/4	4-23
	50	230	175	135	105	88	26	3/4	4-23
	65	290	200	160	130	110	28	3/4	8-23
	80	310	210	170	140	121	30	3/4	8-23
	100	350	250	200	168	150	32	3/4.5	8-25
	125	400	295	240	202	176	36	3/4.5	8-34
	150	495	340	280	240	204	36	3/4.5	12-34



■ 锻钢金属硬密封浮动球阀

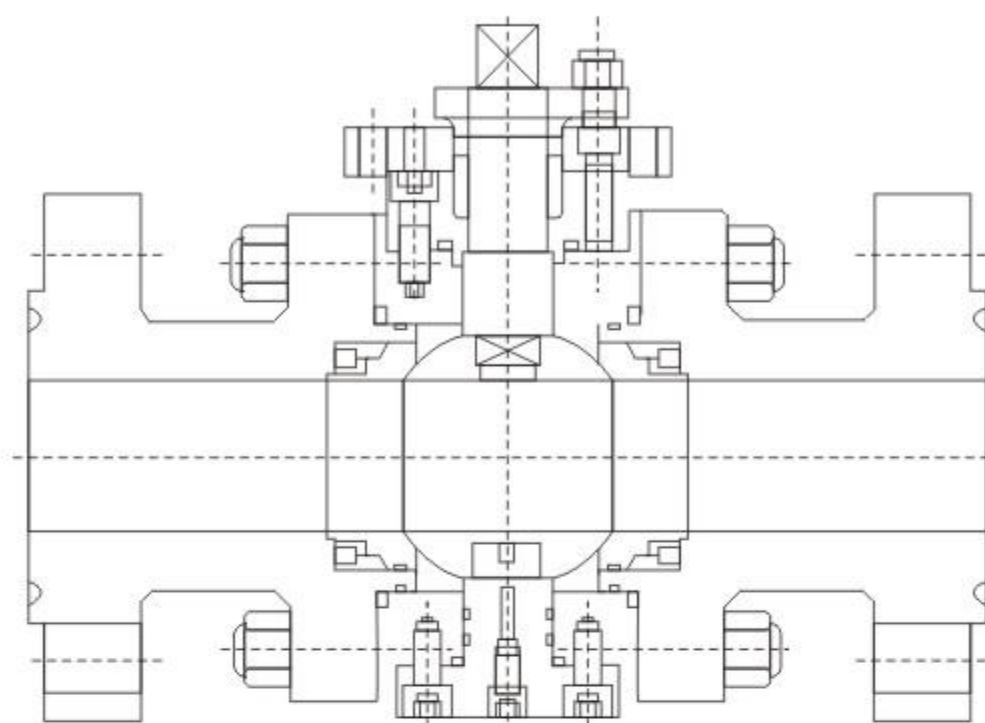
持胜公司的金属硬密封浮动球阀一般采用铸钢阀体，根据用户要求，也可采用锻钢阀体，锻钢球阀的法兰连接尺寸、结构长度等主要尺寸与铸钢球阀相同。

■ The metal hard seal fluctuation ball valve of forging steel

The CHISHENG company's metal hard seal fluctuation ball valve generally uses the cast steel with valve body, according to user's request, also may use the forging steel valve body and the size connection for forging steel ball valve flange, the structural length and so on, the main dimension is same of the cast steel ball valve.

■ 产品范围Product scope

口径 size	DN	15	20	25	32	40	50	65	80	100	125	150
	NPS	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	4	5	6
压力级或 公称压力 Pressure level or Nominal pressure	Class150 PN20	108	117	127	140	165	178	190	203	229	356	394
	Class300 PN50	140	152	165	178	190	216	241	282	305	381	403
	Class600 PN110	165	190	216	229	241	292	330	356	432	508	559
	Class900 PN150	216	273	254	279	305	368	419	381	457	559	610
	Class1500 PN260	216	273	254	279	305	368	419	470	546	673	705
	PN16	130	150	160	180	200	230	290	310	350	400	480
	PN25	130	150	160	180	200	230	290	310	350	400	480
	PN40	130	150	160	180	200	230	290	310	350	400	480
	PN63	165	190	216	229	241	292	330	356	406	-	495
	PN100	165	190	216	229	241	292	330	356	432	508	559



■ 锻钢金属硬密封固定球阀

持胜公司的金属硬密封固定球阀一般采用铸钢阀体，根据用户要求，也可采用锻钢，锻钢金属硬密封固定球阀的法兰尺寸及结构长度与铸钢固定球阀相同。

■ Forging steel metals hard seal fixed ball valve

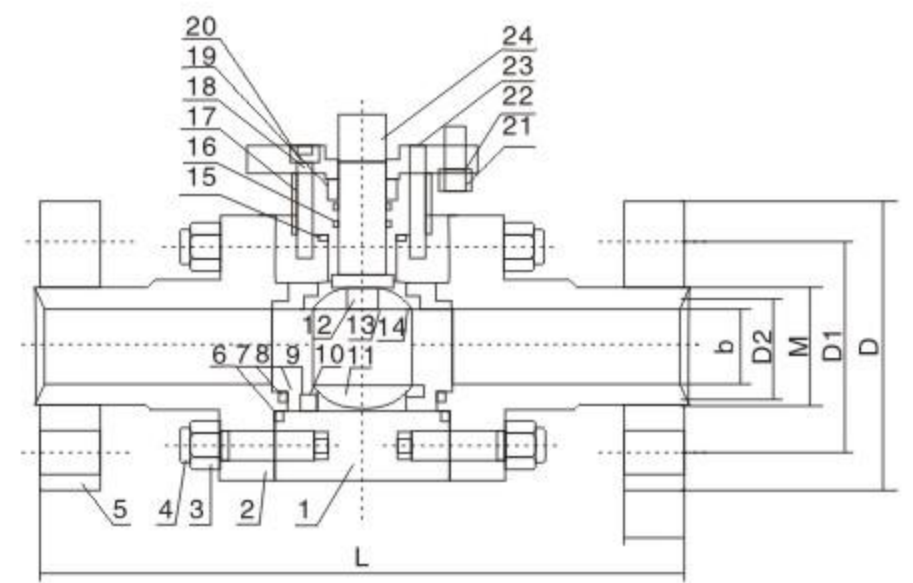
metal hard seal fixed ball valve generally uses the cast steel valve body, according to user request, also may use the forging steel, the forging steel metal hard seal fixed ball valve fiange size and the structural length ang the cast steel fixed ball valve is same.

■ 产品范围Product scope

口径 size	DN	100	125	150	200	250	300	350	400	450	500	600
	NPS	4	5	6	8	10	12	14	16	18	20	24
压力级或 公称压力 Pressure level or Nominal pressure	Class150 PN20	229	356	394	457	533	610	686	762	864	914	1067
	Class300 PN50	305	381	403	502	568	648	762	838	914	991	1143
	Class600 PN110	432	508	559	660	787	838	889	991	1092	1194	1397
	Class900 PN150	457	559	610	737	838	965	1029	1130	1219	1321	1540
	Class1500 PN260	546	673	705	832	991	1130	1257	1384	-	-	-
	Class2500 PN420	673	794	914	1022	1270	1422	-	-	-	-	-
	PN16	350	400	480	600	730	850	980	1100	1200	1250	1450
	PN25	350	400	480	600	730	850	980	1100	1200	1250	1450
	PN40	350	400	480	600	730	850	980	1100	1200	1250	1450
	PN63	406	-	495	597	673	762	826	902	978	1054	1232
	PN100	432	508	559	660	787	838	889	991	1092	1194	1397
	PN160	457	559	610	737	838	965	1029	1130	1219	1321	1540



零件名称 Parts	材料标准 Material standard	材料牌号 standard			
		碳钢 Carbon steel		不锈钢 stainless steel	
		GB	ASTM	GB	ASTM
01 阀体 Body	25	A105	1Cr18Ni9T	F304/F316/	
02 阀盖 Body cap			1Cr18Ni12Mo2	F304L/F316L	
03 螺母 Nut	45	A193-2H	0Cr18Ni	A193-B8M	
04 双头螺柱 Stud	35CrMoA	A193-B7	1Cr17Ni2	A193- B8M	
05 法兰 Flange	25	A105	1Cr18Ni9T 1Cr18Ni12Mo2Ti	F304/F316/ F304L/F316L	
06 O型密封圈 Seal "O"ring	氟像胶 VITON				
07 O型密封圈 Seal "O"ring	氟像胶 VITON				
08 阀座支承圈 Seal retainer	25镀铬 25HRC	A105镀铬 A105HRC	1Cr18Ni9T 1Cr18Ni12Mo2Ti	F304/F316/ F304L/F316L	
09 O型密封圈 Seal "O"ring	氟像胶 VITON				
10 阀座 Seal	尼龙 NYION				
11 球体 Ball	1Cr18Ni9Ti	304	1Cr18Ni9T 1Cr18Ni12Mo2Ti	F304/F316/ F304L/F316L	
12 上阀杆 Stem	2Cr13	A276-410	1Cr18Ni9T 1Cr18Ni12Mo2Ti	F304/F316/ F304L/F316L	
13 止推轴承 Thrust Bearing	PTFE				
14 O型密封圈 Seal "O"ring	氟像胶 VITON				
15 O型密封圈 Seal "O"ring	氟像胶 VITON				
16 O型密封圈 Seal "O"ring	氟像胶 VITON				
17 上滑动轴承 Stem bearing	金属夹PTFE Metal Backed PTFE				
18 填料 Stem Pasking	石墨 GRAPHITE				
19 螺钉 Boll	35CrMoA	A193-B7	1Cr17Ni2	A193- B8M	
20 连接盘 Connecting Piece	25	A105	1Cr18Ni9T 1Cr18Ni12Mo2Ti	F304/F316/ F304L/F316L	
21 双头螺柱 Stud	35CrMoA	A193-B7	1Cr17Ni2	A193-B8M	
22 螺母 Nut	45	A193-2H	0Cr18Ni	A193-B8M	
23 销 Pin	45	A193-2H	0Cr18Ni	A193- B8M	
24 键 Key	40Cr	40Cr	1Cr17Ni2	1Cr17Ni2	



产品特点

1. 本产品所有部件均为锻件。
2. 采用下装式阀杆, 设置倒密封结构, 确保填料处可靠密封及防治阀杆脱出。
3. 采用镶嵌式阀座。阀座背后设置O型圈, 确保介质不外漏。

Features

1. All the components are forged ones.
2. Lower-loading stem and backward sealing construction have been setup for positive sealing at stuffing position and backing-out protecting of the handle.
3. Interbedded valve seat is applied on whose base RO-ring is also mounted for avoiding the leakage of medium.

公称压力 PN(MPa) Nominal diameter	试验压力 Test pressure (MPa)		
	壳体 Shell	高压液密封 High-pressure Liquid Sealing	低压气密封 High-pressure Hermetic Sealing
16.0	24	17.6	0.6
32.0	48	35.2	
适用温度 Applicable temperature		-40-80℃	
适用介质 Applicable medium		水、油品、氮气、氨气、氢气液化气等 Water, oil products, nitrogen, ammonia hydrogen, and liquefied gas, etc.	

主要外型及连接尺寸表

Form Main Types and Connecting Dimension

公称压力 PN(MPa) Nominal diameter	公称通径 DN(mm) Nominal pressure	主要尺寸(mm) Main dimension						
		L	D	D1	M	D2	b	Z-φd
16.0	10	210	95	60	M24x2	18	20	3-φ18
	15	230	95	60	M24x2	20	20	3-φ18
	20	240	105	68	M33x2	28	20	3-φ18
	25	260	105	68	M33x2	28	22	3-φ18
	32	300	115	80	M42x2	38	24	4-φ18
	40		165	115	M52x2	48	30	6-φ28
	50	400	165	115	M64x3	58	32	6-φ28
	65	490	200	145	M80x3	74	40	6-φ28
	80	580	225	170	M100x3	94	50	6-φ38
	100	100	260	190	M125x4	115	60	6-φ38
	125	750	300	235	M155x4	146	75	8-φ38
	150	800	330	255	M215x4	163	78	8-φ48
32.0	10	210	95	60	M24x2	18	20	3-φ18
	15	230	105	68	M33x2	28	20	3-φ18
	20	240	105	68	M33x2	28	20	3-φ18
	25	260	115	80	M42x2	35	25	4-φ18
	32	300	135	95	M52x2	41	30	4-φ28
	40	40	165	115	M64x3	47	35	6-φ28
	50	400	200	145	M80x3	70	40	6-φ29
	65	490	225	170	M100x3	90	50	6-φ33
	80	580	260	195	M125x4	112	55	6-φ36
	100	620	300	235	M155x4	135	65	8-φ36
	125	750	330	255	M175x4	146	78	8-φ48
	150	800	400	315	M215x6	163	90	8-φ68
200	850	480	380	M265x6	193	120	8-φ68	

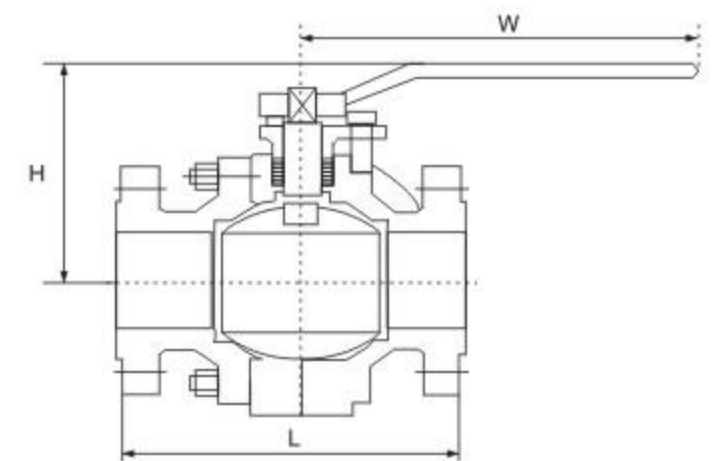
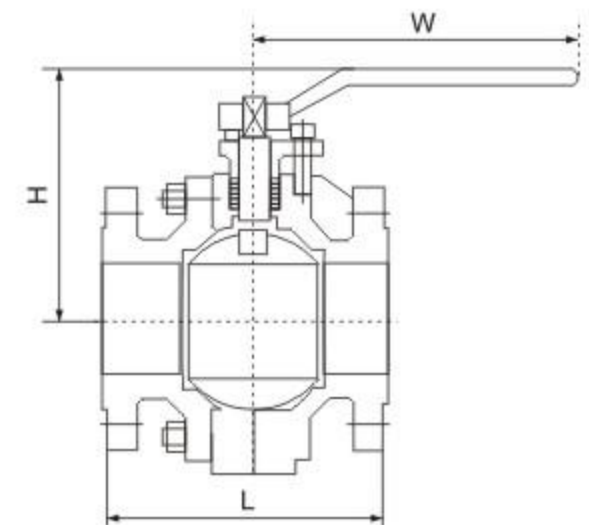
Class150尺寸表Dimension Chart

规格 Nom. dia	in	1/2	3/4	1	1 1/2	2	2 1/2	3	4	5	6	8	10
	mm	15	20	25	40	50	65	80	100	125	150	200	250
流孔		15	20	25	40	50	65	80	100	125	150	200	250
L		108	117	127	165	178	190	203	229	356	394	457	533
H		84	88	95	120	140	160	180	208	220	335		
w		130	130	140	250	250	400	140	450	450	1050		

1/2"~4"手柄操作Lever operation
 6"~8"为传动轴操作Optional gear operation
 6"~8"蜗杆蜗轮操作(供客户选择) Gear operation (For customer choice)
 10"为蜗杆蜗轮操作Gear operation
 试验压力Teat pressure
 壳体试验shells expertiments(液体liquid)Shell(Hydrost atic): 3.10MPa(450psi)
 密封试验pressure testings(气体gas)Sheat(Air): 0.55MPa(80psi)
 中部垫片middle filling pieces PTFE(金属缠绕供客户选择metaltwines for customer choice)
 填料paddingPTFE(柔性石墨供客户选择flexible graphite supplies customer choice)
 阀杆valve levers A182-F6a(其他材料供客户选择othermaterial suooly customer choice)
 球体spheroids ASTM A105+ENP(其它材料客户选择other materialcustomer choices)

防火结构:防静电装置;带锁定装置, 阀杆防
 飞结构:高性能密封材料:阀门的压力-温度
 额定值按ANSIB16.34;阀门的主要零部件
 材料见:阀门的端法兰;连接尺寸按
 ANSIB16.5.

Structure fire:Anti- static devices:bell
 locking devices: stem-fly structur:high-
 performance sealing materials :valve
 pressure- temperature ratings by
 ANSIB16.34;themain valve
 connectingflange- size byANSIB16.5.

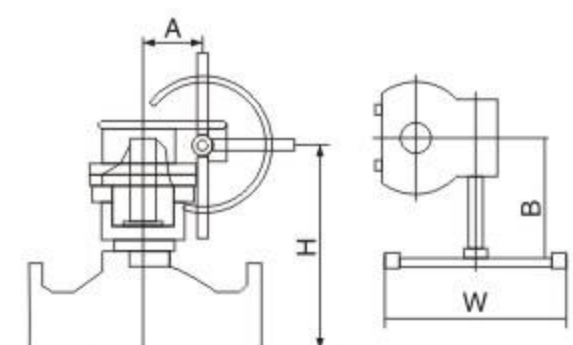

Class300尺寸表Dimension Chart

规格 Nom. dia	in	1/2	3/4	1	1 1/2	2	2 1/2	3	4	5	6	8
	mm	15	20	25	40	50	65	80	100	125	150	200
流孔		15	20	25	40	50	65	80	100	125	150	200
L		140	150	165	191	216	241	283	305	381	403	502
H		84	88	95	120	140	160	180	208	220	335	
w		130	130	140	250	250	400	400	450	450	1050	

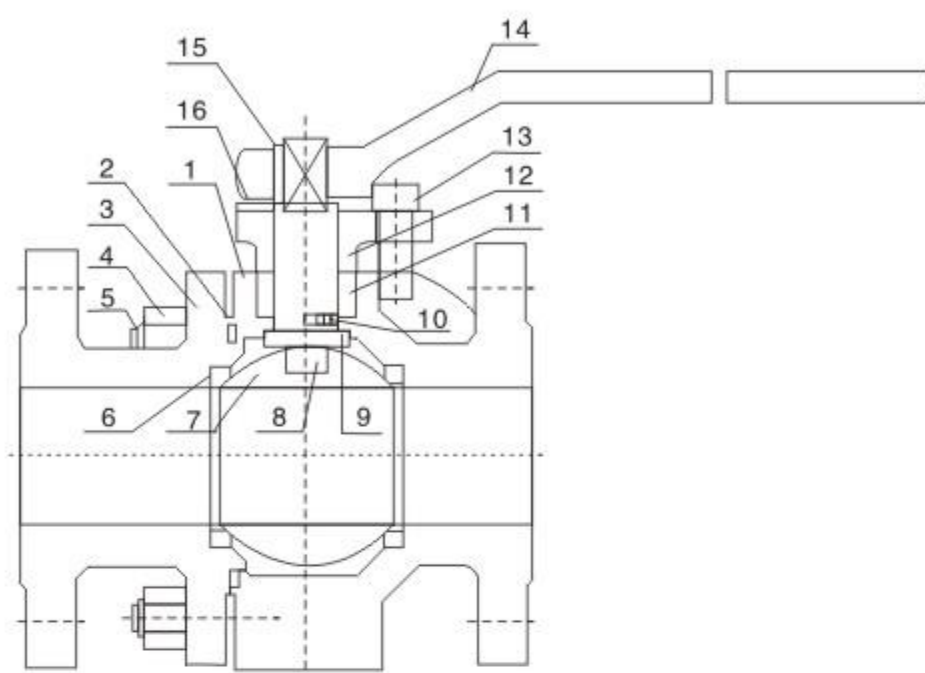
1 2-4"手柄操ELever operation
 6-8"为传动轴操作Optional gear operation
 6-8"蜗杆蜗轮操作Worm Worm operations(供客户选择for customer)
 试验压力Teat pressure
 壳体试验shells expertiments(液体liquid):7.7MPa(1125psi)
 密封试验pressure testings(气体gas):0.55MPa(80psi)
 中部垫片middle filling pieces PTFE(金属缠绕供客户选择metal twines for customer choice)
 填料padding PTFE(柔性石墨供客户选择flexible graphite supplies customer choice)
 阀杆valve levers A182-F6a(其他材料供客户选择other material customer choices)
 球体spheroids ASTM A105+ENP(其它材料客户选择other material customer choices)

带蜗轮操作操置尺寸表 Gear operation dimation chart

CLASS	150	300	蜗轮操作装置Gear operator			
			H	W	B	A
规格Size (inch)	6	6	257	350	205	125
	8	8	306	355	320	185
	10	10	365	165	140	160



■ Class150/300

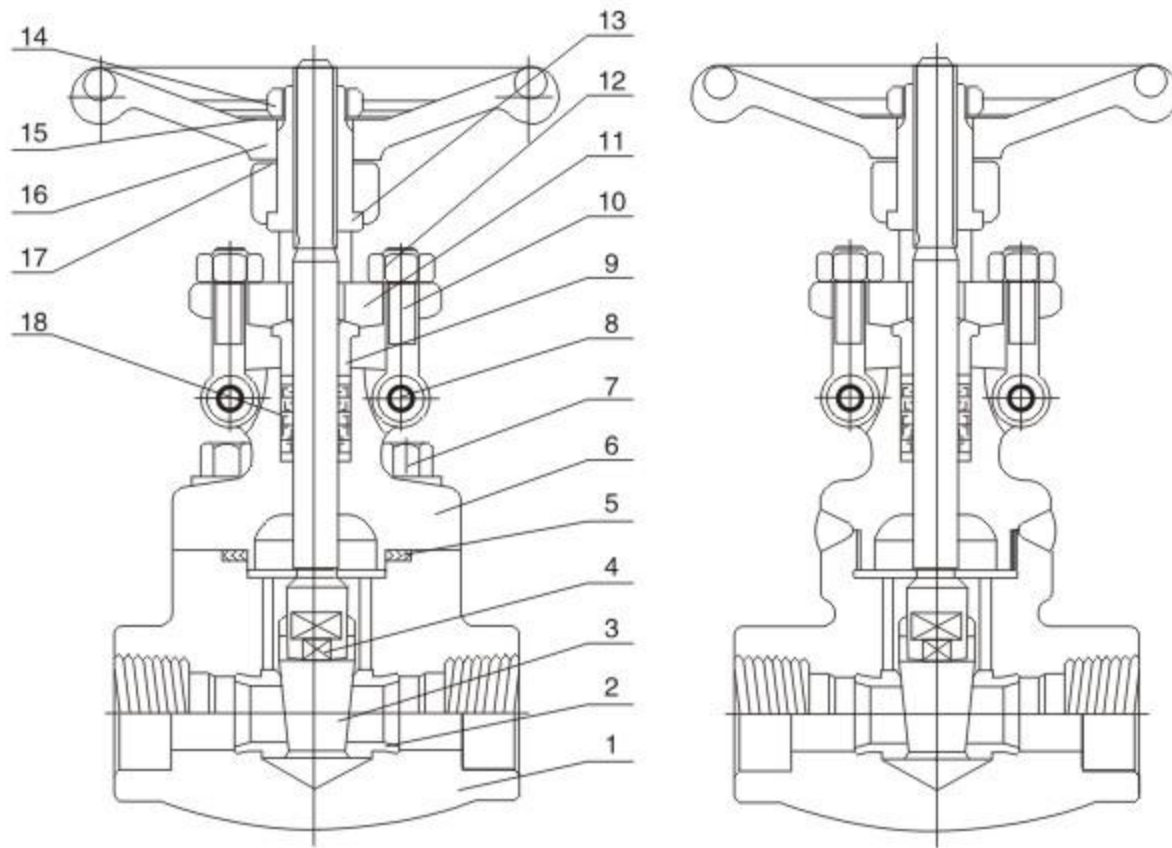


■ 应用规范Application standard

- 1、压力-温度等级: ASME B16.34、BS5351
- 2、壳体壁厚: ASME B16.34、BS5351
- 3、孔口尺寸: AP16D、BS5351
- 4、结构长度: ASME B16.10、AP16D
- 5、连接尺寸: ASME B16.5、BS1560
- 6、试验和检查: AP16D、BS5146
- 7、主体材料: A105、LF2、F304、F304L、F316、F316L

- 1、Temp & Pressure:ASME B16.34、BS5351
- 2、Vall thicknedd:ASME B16.34、BS5351
- 3、Bore dimation:AP16D、BS5351
- 4、Face to face:ASME B16.10.AP16D
- 5、Flangs dimentions:ASME B16.5、Bs1560
- 6、Test inspection:AP16D,BS5146
- 7、Body materill:A105,LF2、F304、F304L、F316、F316L

序号 NO.	零件名称 part name	碳钢系列 Carbon steel	低合金钢系列 Low Temp.steel	不锈钢系列 Stainless steel
1	阀体Body	ASTN A105	ASTM A350 LF2	ASTM A182 L316
2	垫片Gasket	304+GRAPHITE	304+GRAPHITE	316+GRAPHITE
3	阀盖Bonnet	ASTN A105	ASTM A305 LF2	ASTM A182 L316
4	螺母Nut	ASTN A194-2H/2HM	ASTM A194 7M	ASTM A194 2HM/8
5	螺栓Stud	ASTN A193-B7/B7M	ASTN A320 7M	ASTN A193-B7M镀隔/B8
6	密封圈Sesl	RPTFE	RPTFE	RPTFE
7	球体Bal	ASTM A105+ENP	ASTM A350 LF2+ENP	ASTM A182 F316
8	阀杆Stem	ASTM A182-F6a	ASTM A182-F6a	ASTM A182-F316
9	垫片Gasket	304+PTFE	304+PTFE	306+PTFE
10	静电装置 Antistaticdevice	ASTM A182-F304	ASTM A182-F304	ASTM A182-F304/F316
11	填料Pakcing	PTFE/GRAPHITE	PTFE/GRAPHITE	PTFE/GRAPHITE
12	填料压盖 Packinggland	CARBON STEEL	CARBON STEEL	STAINLESS STEEL
13	螺钉Sctew	ASTM A193-B7/B7M	ASTM A193-7M	ASTM A193-B8
14	手柄Lever	ASTM A216-WCB	ASTM A216-WCB	ASTM A216-WCB
15	弹簧挡圈Back stop	CARBON STEEL	CARBON STEEL	CARBON STEEL
16	定位块Stopper plate	CARBON STEEL	CARBON STEEL	STAINLESS STEEL


应用规范 Application standards

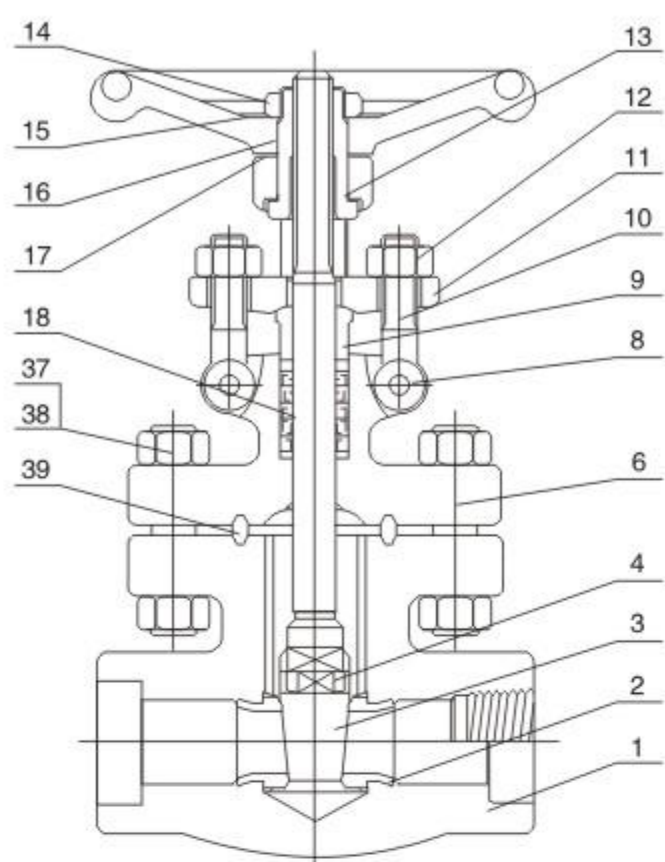
- 设计制造 Design and manufacture conform to:
API602、BS5352、ANSI B16.34;
- 连接端尺寸 Connection ends conform to:
1) 承插口尺寸按 Socket welded dimension conform to ANSI B16.11, JB/T1751
2) 螺纹端尺寸按 Screw ends dimension conform to: ANSI B1.20.1, JB/T7306
3) 对焊端尺寸按 Butt-welded conform to ANSI B16.2; B/T12224
4) 法兰端尺寸按 Flanged ends conform to ANSI B16.5, JB79
- 阀门检查和试验 Test and inspection conform to:
API 598, GB/T13927, JB/T9092
- 结构特征 Structure features:
螺栓连接阀盖(B.B)和明杆支架(OS&Y)
Bolted bonnet, outside screw and yoke
或焊接阀盖(WB)和明杆支架(OS&Y)
Welded bonnet, outside screw and yoke
- 材料按 Materials conform to ANSI/ASTM的规定。
- 主体材料 Main materials:
A105; LF2; F5; F11; F22; 304(L); 316(L); F347; F321; F51; Monel; 20合金等 Alloy

碳钢温压等级 Carbon steel temperature-pressure rate

CL150-285 P.S.I @ 100°F CL300-740 P.S.I @ 100°F CL600-1480 P.S.I @ 100°F CL800-1975 P.S.I @ 100°F CL1500-3705 P.S.I @ 100°F

典型零件材料表 Main part materials list

序号 NO.	零件名称 Part name	A105/F6a	A105/F6aHFS	LF2/304	F11/F6aHF	F304(L)/304(L)	F316(L)/316(L)	F51/F51
1	阀体 Body	A105	A105	Lf2	F11	F304(L)	F316(L)	F51
2	座圈 Seat	410	410HF	304	410HF	304(L)	316(L)	F51
3	闸板 Wedge	F6a	F6a	F304	F6aHF	F304(L)	F316(L)	F51
4	阀杆 Stem	410	410	304	410	304(L)	316(L)	F51
5	垫片 Gasket	304+柔性石墨 Flexible graphite	304+柔性石墨 Flexible graphite	304+柔性石墨 Flexible graphite	304+柔性石墨 Flexible graphite	304+柔性石墨 Flexible graphite	304+柔性石墨 Flexible graphite	304+柔性石墨 Flexible graphite
6	阀盖 Bonnet	A105	A105	LF2	F11	F304(L)	F316(L)	F51
7	螺栓 Bolt	B7	B7	L7	B16	B8(M)	B8(M)	B8M
8	销 Pin	410	410	410	410	304	304	304
9	填料压套 Gland	410	410	304	410	304	316	F51
10	活节螺栓 Gland Eyebolt	B7	B7	L7	B16	B8(M)	B8(M)	B8M
11	填料压板 Gland Flange	A105	A105	LF2	F11	F304	F304	F304
12	六角螺母 Hex Nut	2H	2H	2H	2H	8(M)	8(M)	8M
13	阀杆螺母 Stem Nut	410	410	410	410	410	410	410
14	锁紧螺母 Locking Nut	35	35	35	35	35	35	35
15	铭牌 Nameplate	AL	AL	AL	AL	AL	AL	AL
16	手轮 Handwheel	A197	A197	A197	A197	A197	A197	A197
17	润滑垫片 Lubricating Gasket	410	410	410	410	410	410	410
18	填料 Packing	石墨 Graphite	石墨 Graphite	石墨 Graphite	石墨 Graphite	石墨 Graphite	石墨 Graphite	石墨 Graphite



应用规范 Application standards

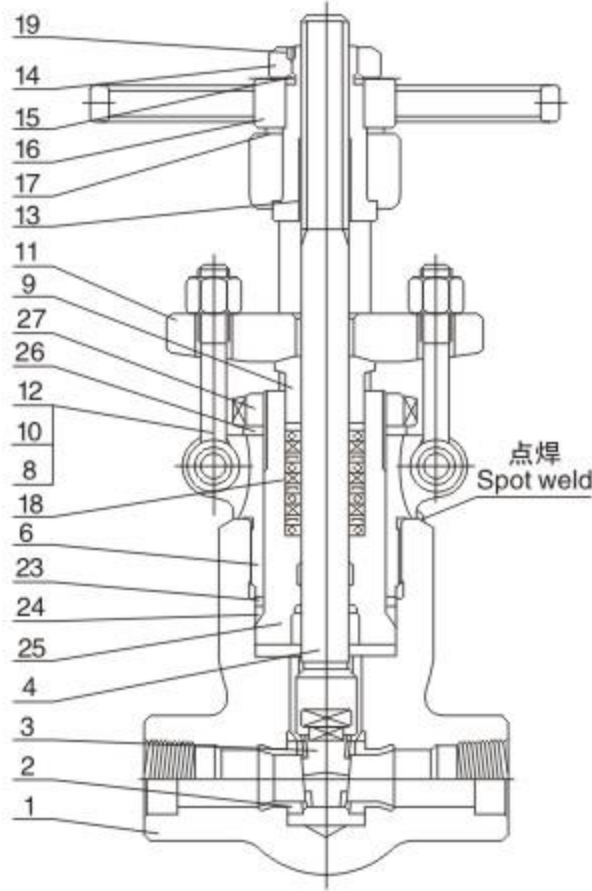
- 1、设计制造 Design and manufacture conform to:
API602、BS5352、ANSI B16.34;
- 2、连接端尺寸 Connection ends conform to:
1)承插口尺寸按 Socket welded ends conform to ANSI B16.11, JB/T1751
2)螺纹端尺寸按 Screw ends conform to: ANSI B1.20.1, JB/T7306
3)对焊端尺寸按 Butt-welded ends conform to ANSI B16.2; B/T12224
4)法兰端尺寸按 Flanged ends conform to ANSI B16.5, JB79
- 3、阀门检查和试验 Test and inspection conform to:
API 598, GB/T13927, JB/T9092
- 4、结构特征 Structure features:
螺栓连接阀盖(B.B)和明杆支架(OS&Y)
Bolted bonnet, outside screw and yoke
或焊接阀盖(WB)和明杆支架(OS&Y)
Welded bonnet, outside screw and yoke
- 5、材料按 Materials conform to ANSI/ASTM的规定。
- 6、主体材料 Main materials:
A105; LF2; F5; F11; F22; 304(L); 316(L);
F347; F321; F51; Monel; 20合金等 Alloy

碳钢温压等级 Carbon steel temperature-pressure rate

CL150-285 P.S.I @ 100°F CL300-740 P.S.I @ 100°F CL600-1480 P.S.I @ 100°F CL800-1975 P.S.I @ 100°F CL1500-3705 P.S.I @ 100°F

典型零件材料表 Main part materials list

序号 NO.	零件名称 Part name	A105/F6a	A105/F6aHFS	LF2/304	F11/F6aHF	F304(L)/304(L)	F316(L)/316(L)	F51/F51
1	阀体 Body	A105	A105	LF2	F11	F304(L)	F316(L)	F51
2	座圈 Seat	410	410HF	304	410HF	304(L)	316(L)	F51
3	闸板 Wedge	F6a	F6a	F304	F6aHF	F304(L)	F316(L)	F51
4	阀杆 Stem	410	410	304	410	304(L)	316(L)	F51
6	阀盖 Bonnet	A105	A105	LF2	F11	F304(L)	F316(L)	F51
8	销 Pin	410	410	410	410	304	304	304
9	填料压套 Gland	410	410	304	410	304	316	F51
10	活节螺栓 Gland Eyebolt	B7	B7	L7	B16	B8(M)	B8(M)	B8M
11	填料压板 Gland Flange	A105	A105	LF2	F11	F304	F304	F304
12	六角螺母 Hex Nut	2H	2H	2H	ZH	8(M)	8(M)	8M
13	阀杆螺母 Stem Nut	410	410	410	410	410	410	410
14	锁紧螺母 Locking Nut	35	35	35	35	35	35	35
15	铭牌 Nameplate	AL	AL	AL	AL	AL	AL	AL
16	手轮 Handwheel	A197	A197	A197	A197	A197	A197	A197
17	润滑垫片 Lubricating Gasket	410	410	410	410	410	410	410
18	填料 Packing	石墨 Graphite	石墨 Graphite	石墨 Graphite	石墨 Graphite	石墨 Graphite	石墨 Graphite	石墨 Graphite
37	双头螺柱 Screwed stud	B7	B7	L7	B16	B8(M)	B8(M)	B8(M)
38	螺母 Nut	2H	2H	8	8	8(M)	8(M)	8(M)
39	金属环 Metal ring	304	304	304	304	304(L)	316(L)	F51



应用规范 Application standards

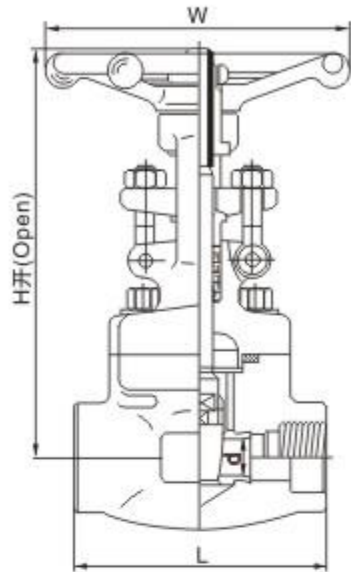
- 1、设计制造 Design and manufacture conform to:
API602、BS5352、ANSI B16.34;
- 2、连接端尺寸 Connection ends conform to:
 - 1) 承插口尺寸按 Socket welded dimension conform to ANSI B16.11, JB/T1751
 - 2) 螺纹端尺寸按 Screw ends dimension conform to: ANSI B1.20.1, JB/T7306
 - 3) 对焊端尺寸按 Butt-welded conform to ANSI B16.25; JB/T12224
 - 4) 法兰端尺寸按 Flanged ends conform to ANSI B16.5; JB79
- 3、阀门检查和试验 Test and inspection conform to:
API 598, GB/T13927, JB/T9092
- 4、结构特征 Structure features:
A threaded and pressure seal bonnet
- 5、材料按 Materials conform to ANSI/ASTM的规定。
- 6、主体材料 Main materials:
A105; LF2; F5; F11; F22; 304(L); 316(L);
F347; F321; F51; Monel; 20合金等 Alloy

碳钢温压等级 Carbon steel temperature-pressure rate

CL150-285 P.S.I @ 100°F CL2500-6170 P.S.I @ 100°F

典型零件材料表 Main part materials list

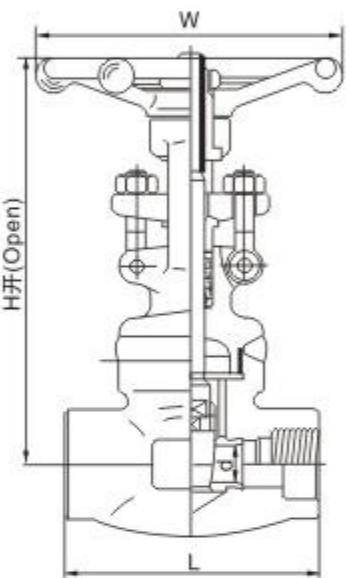
序号 NO.	零件名称 Part name	A105/F6a	A105/F6aHFS	LF2/304	F11/F6aHF	F304(L)/304(L)	F316(L)/316(L)	F91/410HF
1	阀体 Body	A105	A105	LF2	F11	F304(L)	F316(L)	F91
2	阀座 Seat	410	410HF	304	410HF	304(L)	316(L)	410HF
3	闸板 Wedge	F6a	F6a	F304	F6aHF	F304(L)	F316(L)	F6aHF
4	阀杆 Stem	410	410	304	410	304(L)	316(L)	410
6	阀盖 Bonnet	A105	A105	LF2	F11	F304(L)	F316(L)	F91
8	销 Pin	410	410	410	410	304	304	410
9	填料压套 Gland	410	410	304	410	304	316	410
10	活节螺栓 Gland Eyebolt	B7	B7	L7	B16	B8(M)	B8(M)	B8
11	填料压盖 Gland Flange	A105	A105	LF2	F11	F304	F304	F91
12	六角螺母 Hex Nut	2H	2H	2H	2H	8(M)	8(M)	8
13	阀杆螺母 Stem Nut	410	410	410	410	410	410	410
14	锁紧螺母 Locking Nut	35	35	35	35	35	35	35
15	铭牌 Nameplate	AL	AL	AL	AL	AL	AL	AL
16	手轮 Handwheel	A197	A197	A197	A197	A197	A197	A190
17	润滑垫片 Lubricating Gasket	410	410	410	410	410	410	410
18	填料 Packing	石墨 Graphite	石墨 Graphite	石墨 Graphite	石墨 Graphite	石墨 Graphite	石墨 Graphite	石墨 Graphite
19	紧定螺钉 Stop nut	35	35	35	35	35	35	35
23	密封圈垫片 Seal gasket	420	420	304	304	304(L)	316(L)	420
24	自密封圈 P.S.ring	304	304	304	304	304	316	316
25	自密封座 P.S.seat	420	420	304	304	304(L)	316(L)	F91
26	螺母垫块 Nut pad	410	410	410	410	410	410	410
27	拉紧螺母 Packing nut	碳钢 Cast steel	碳钢 Cast steel	碳钢 Cast steel	碳钢 Cast steel	不锈钢 Stainless steel	不锈钢 Stainless steel	碳钢 Cast steel



螺栓连接阀盖，缩径和全径，明杆支架(OS&Y)
Bolted bonnet, full port reducing port outside screw and yoke(OS&Y)
末端连接为螺纹或承插焊或对焊，设计按API 602
Threaded, butt-welded or socket welded ends; desing to API602

CL800

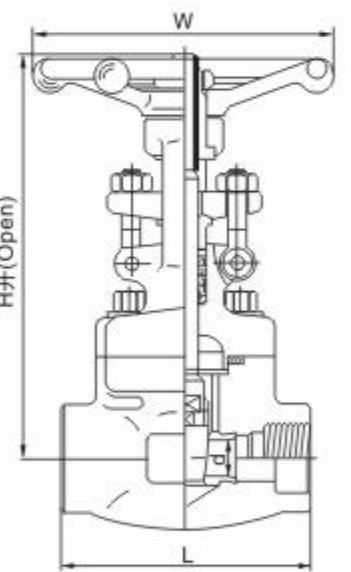
规格(NPS) SPecification	R.P	-	1/2	3/4	1	1 ¹ / ₄	1 ¹ / ₂	2	2 ¹ / ₂	3	4
	F.P	1/4	3/8	1/2	3/4	1	1 ¹ / ₄	1 ¹ / ₂	2	2 ¹ / ₂	3
结构长度(mm)Face to face	L	79	79	92	111	120	120	140	178	185	285
手轮直径(mm) Handwheel diameter	W	100	100	100	125	160	160	180	220	300	400
中心高度(开)(mm) Height	H	161	161	163	196	223	251	290	333	370	
流道孔径(mm) Flow port dimension	d	8	10.5	13.5	18	24	29	36.5	45	51	70
重量(kg) Weight		2.22	2.3	2.39	4.24	5.7	7.05	10.9	16.8	24	



焊接连接阀盖，缩径和全径，明杆支架(OS&Y)
Welded bonnet, full port reducing port outside screw and yoke(OS&Y)
末端连接为螺纹或承插焊或对焊，设计按API 602
Threaded, butt-welded or socket welded ends; desing to API602

CL800

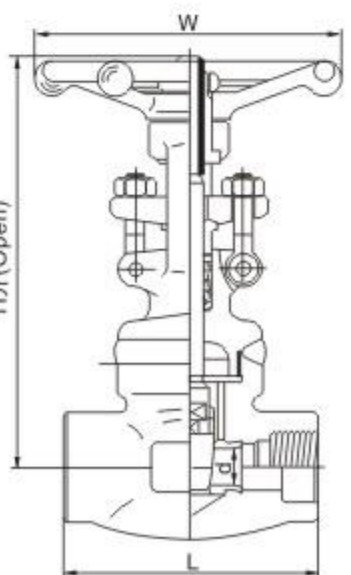
规格(NPS) SPecification	R.P	-	1/2	3/4	1	1 ¹ / ₄	1 ¹ / ₂	2	2 ¹ / ₂	3	4
	F.P	1/4	3/8	1/2	3/4	1	1 ¹ / ₄	1 ¹ / ₂	2	2 ¹ / ₂	3
结构长度(mm)Face to face	L	79	79	92	111	120	120	140	178	185	285
手轮直径(mm) Handwheel diameter	W	100	100	100	125	160	160	180	220	300	400
中心高度(开)(mm) Height	H	161	161	163	196	223	251	290	333	370	-
流道孔径(mm) Flow port dimension	d	8	10.5	13.5	18	24	29	36.5	45	51	70
重量(kg) Weight		1.9	1.9	2.1	3.2	5.2	6.9	10.4	15.8	22	-



螺栓连接阀盖，缩径和全径，明杆支架(OS&Y)
Bolted bonnet, full port reducing port outside screw and yoke(OS&Y)
末端连接为螺纹或承插焊或对焊，设计按API 602
Threaded, butt-welded or socket welded ends; desing to API602

CL900-CL1500

规格(NPS) SPecification	R.P	-	1/2	3/4	1	1 ¹ / ₄	1 ¹ / ₂	2	2 ¹ / ₂	3	4
	F.P	1/4	3/8	1/2	3/4	1	1 ¹ / ₄	1 ¹ / ₂	2	2 ¹ / ₂	3
结构长度(mm)Face to face	L	92	111	111	120	120	140	178	185	185	285
手轮直径(mm) Handwheel diameter	W	100	125	125	160	160	180	220	300	300	400
中心高度(开)(mm) Height	H	191	191	192	219	243	296	316	370	-	-
流道孔径(mm) Flow port dimension	d	8	10.5	13.5	18	24	29	36.5	45	52	70
重量(kg) Weight		2.4	4.3	4.4	6	7.2	11.4	16	23	-	-

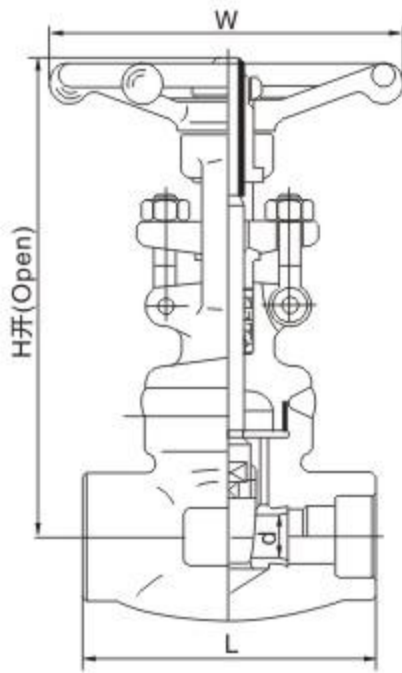


焊接连接阀盖，缩径和全径，明杆支架(OS&Y)
Welded bonnet, full port reducing port outside screw and yoke(OS&Y)
末端连接为螺纹或承插焊或对焊，设计按API 602
Threaded, butt-welded or socket welded ends; desing to API602

CL900-CL1500

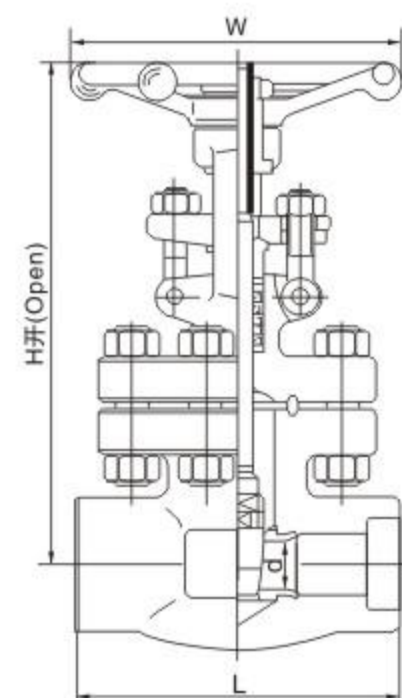
规格(NPS) SPecification	R.P	-	1/2	3/4	1	1 ¹ / ₄	1 ¹ / ₂	2	2 ¹ / ₂	3	4
	F.P	1/4	3/8	1/2	3/4	1	1 ¹ / ₄	1 ¹ / ₂	2	2 ¹ / ₂	3
结构长度(mm)Face to face	L	92	111	111	120	120	140	178	180	185	285
手轮直径(mm) Handwheel diameter	W	100	125	125	160	160	160	180	220	300	400
中心高度(开)(mm) Height	H	171	207	207	240	258	330	355	370	-	-
流道孔径(mm) Flow port dimension	d	8	10.5	13.5	18	24	29	36.5	45	55	70
重量(kg) Weight		2.3	4	4	4.8	7.1	11	16	22.8	-	-

焊接连接阀盖, 全径, 明杆支架(OS&Y)
 Welded bonnet, full port outside screw and yoke(OS&Y)
 末端连接为承插连接, 设计按ASME B16.34
 Socket welded ends, design conform to ASME B16.34

CL2500


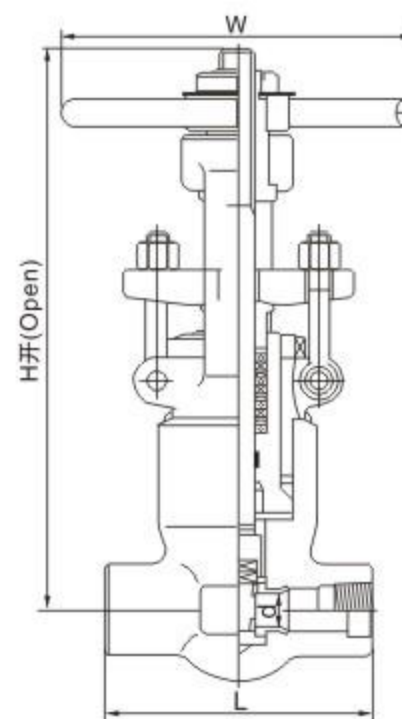
规格(NPS) Specification		1/4	3/8	1/2	3/4	1	1 1/4	2	2 1/2	3	4
结构长度(mm) Face to face	L		111	120	120	120	140	179	185	285	305
手轮直径(mm) Handwheel diameter	W		125	160	160	160	180	220	300	400	500
中心高度(开)(mm) Height	H		215	218	220	238	281	-	-	-	-
流道孔径(mm) Flow port dimension	d		8	10	13	18	22	36	45	55	70
重量(kg) Weight			7	8.5	8.7	11.7	17	-	-	-	-

焊接连接阀盖, 全径, 明杆支架(OS&Y)
 Welded bonnet, full port outside screw and yoke(OS&Y)
 末端连接为承插连接, 设计按ASME B16.34
 Socket welded ends, design conform to ASME B16.34

CL1500-CL2500


规格(NPS) Specification	F.P		1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	4
结构长度(mm) Face to face	L	CL1500	111	111	120	120	140	178	185	185	305
		CL2500	140	140	140	140	178	185	220	285	
手轮直径(mm) Handwheel diameter	W	CL1500	125	125	160	160	180	220	300	400	500
		CL2500	180	180	180	180	220	300	400	500	
中心高度(开)(mm) Height	H	CL1500	277	300	390		400	435			
		CL2500	293	300	390		435	435			
流道孔径(mm) Flow port dimension	d	CL1500	10	13	18	22	28	36	45	55	70
		CL2500	10	13	18	22	25	30	42	50	65
重量(kg) Weight		CL1500	5.1	11	12.1		22	37			
		CL2500	11	11.3	22.4		38	38			

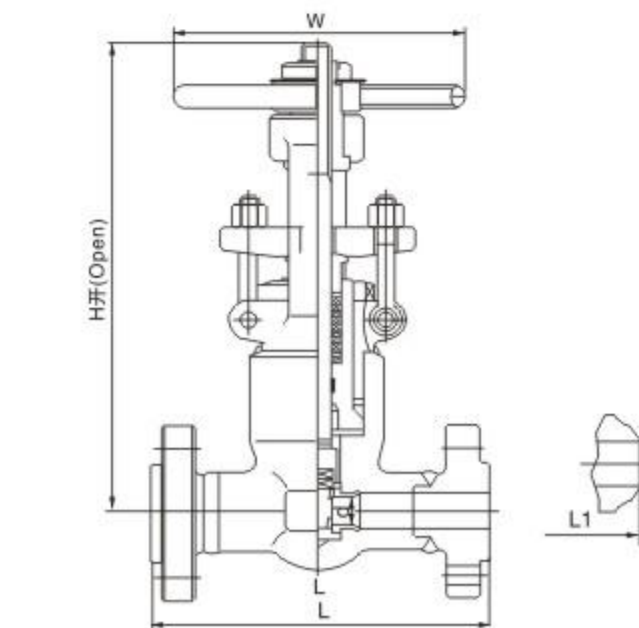
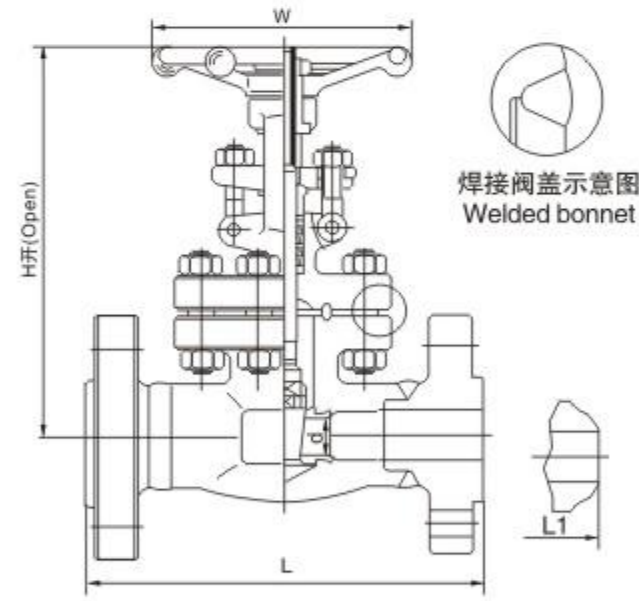
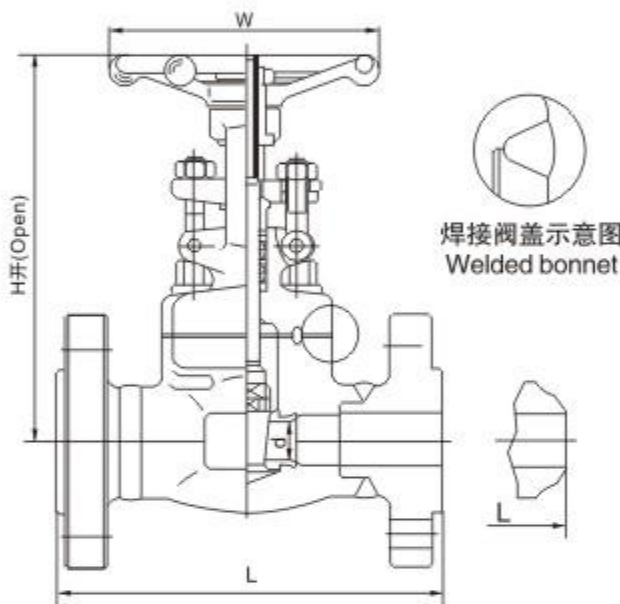
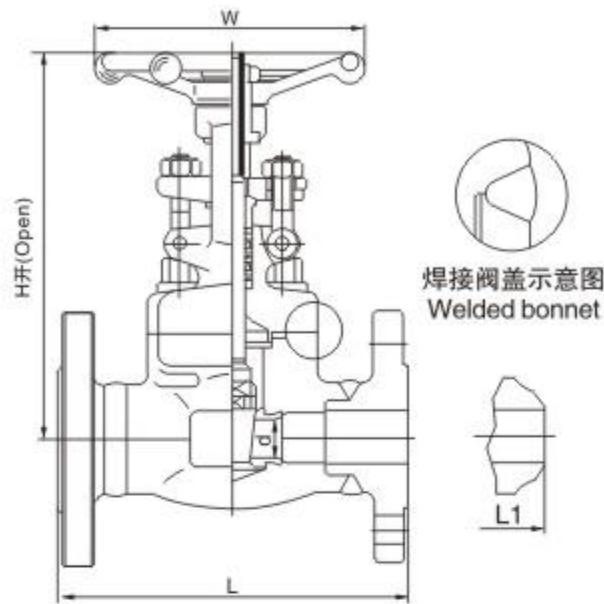
压力自紧式密封阀盖, 全径, 明杆支架(OS&Y)
 Pressure seal bonnet, full port outside screw and yoke(OS&Y)
 末端连接可按承插焊, 设计按ASME B16.34
 Socket welded ends, design conform to ASME B16.34

CL1500-CL2500


规格(NPS) Specification	F.P		3/8	1/2	3/4	1	1 1/4	2 1/2	2
结构长度(mm) Face to face	L	CL900~1500	140	140	140	140	178	178	216
		CL2500	186	186	186	186	232	232	279
手轮直径(mm) Handwheel diameter	W	CL900~CL1500	200	200	200	200	280	280	300
		CL2500	200	200	200	200	280	280	300
中心高度(开)(mm) Height	H	CL900~CL1500	318	318	318	322	467	468	540
		CL2500	325	325	325	327	467	468	540
流道孔径(mm) Flow port dimension	d	CL900~CL1500	14	14	14	19	25	30	36.5
		CL2500	14	14	14	19	25	30	36.5
重量(kg) Weight		CL900~CL1500	11.5	11.5	10.8	10.5	19.6	21.0	55.4
		CL2500	10.8	11.6	12.3	12.3	26.0	28.4	60.0

螺栓连接阀盖，缩径和全径，明杆支架(OS&Y)
Bolted bonnet, full port reducing port outside screw and yoke(OS&Y)
末端连接为法兰或对焊连接，设计按API 602; BS5352
Flange-welded or butt-welded ends; design to API602; BS5352

CL150-300-600



规格(NDN) Specification			1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	4
结构长度(mm) Face to face	CL150	L(RF)	-	-	108	117	127	140	165	178	190	203	229
	CL300	L1(BW)	-	-	140	152	165	178	190	216	241	282	305
	CL600	L1(BW)	-	-	165	190	216	229	241	292	330	356	432
手轮直径(mm) Handwheel diameter	W		-	-	100	100	125	160	160	180	220	300	400
中心高度(开)(mm) Height	CL150	H	-	-	176	184	217	226	250	290	357		
	CL300, CL600	H	-	-	161	163	196	226	250	290	357		
流道孔径(mm) Flow port dimension	d		-	-	10	13.5	18	22	28	36	45	55	70
重量(Kg) Weight	CL150	RF	-	-	3.4	3.98	6.12	7.2	10.4	15.5	24.5		
		BW	-	-	2.8	3.3	5.4	6.5	8.2	12.5	20		
	CL300	RF	-	-	3.77	4.89	7.23	9.6	12.64	18	26.2		
		BW	-	-	3.5	4.4	6.8	8.1	9.2	15.4	22		
	CL600	RF	-	-	4.2	5.8	8.8	12.1	15.6	19.5	32		
		BW	-	-	4.5	5.1	8.2	10.5	12.4	20.1	28		

注：如需法兰和阀体一体式锻造的请与CHISHENG销售人员联系。
Flange Integrity Forged Steel Valve Enquiry Please Contact Sales Department.

螺栓连接阀盖，全径，明杆支架(OS&Y)
Welded bonnet, full port outside screw and yoke(OS&Y)
末端连接为焊接法兰或对焊连接，设计按BS5352
Flange-welded or butt-welded ends; design to BS5352

CL 900-CL1500

规格(NDN) Specification			1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2	3	4
结构长度(mm) Face to face	L(RF), L1(BW)		-	-	216	229	254	279	305	368	470	546
	L(RTJ)		-	-	216	229	254	279	305	371	473	549
手轮直径(mm) Handwheel diameter	W		-	-	125	125	160	160	180	220	300	400
中心高度(开)(mm) Height	H		-	-	191	192	219	257	296	316		
流道孔径(mm) Flow port dimension	d		-	-	10	13	18	22	28	33	55	70
重量(Kg) Weight			-	-	7.2	11.5	15.6	16.2	22.6	28.2		

注：如需法兰和阀体一体式锻造的请与CHISHENG销售人员联系。
Flange Integrity Forged Steel Valve Enquiry Please Contact Sales Department.

螺栓连接阀盖，全径，明杆支架(OS&Y)
Welded bonnet, full port outside screw and yoke(OS&Y)
末端连接为焊接法兰或对焊连接，设计按ASME B16.34
Flange-welded or butt-welded ends; design to ASME B16.34

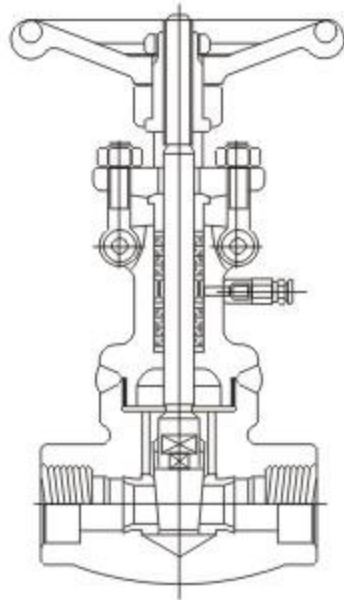
CL 2500

规格(NDN) Specification			1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2	3	4
结构长度(mm) Face to face	L(RF), L1(BW)		-	-	264	273	308	-	384	451	578	673
	L(RTJ)		-	-	264	273	308	-	387	454	582	683
手轮直径(mm) Handwheel diameter	W		-	-	125	160	160	-	220	300	300	400
中心高度(开)(mm) Height	H		-	-	207	240	258	-	355	370		
流道孔径(mm) Flow port dimension	d		-	-	13.5	13.5	18	-	28	36	55	70
重量(Kg) Weight			-	-	19.5	21.5	42	-	65	95		

压力自紧式密封闸阀，全径，明杆支架(OS&Y)
Pressure seal gate valves, full port outside screw and yoke (OS & Y)
末端连接为焊接法兰或对焊连接，设计按ASME B16.34
Flange-welded or butt-welded ends; design to ASME B16.34

CL 2500

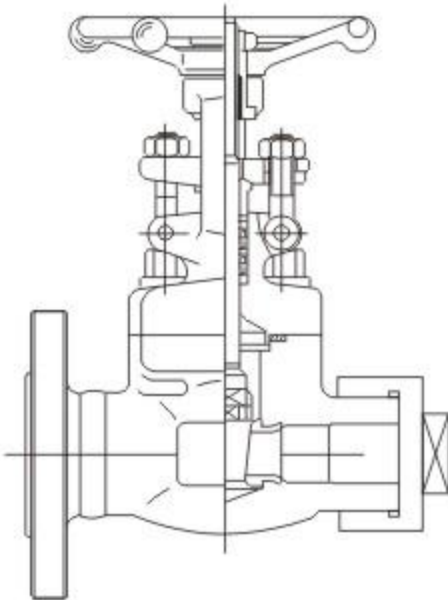
规格(NDN) Specification			1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2	3	4
结构长度(mm) Face to face	L(RF), L1(BW)		-	-	264	273	308	-	384	451	578	673
	L(RTJ)		-	-	264	273	308	-	387	454	582	683
手轮直径(mm) Handwheel diameter	W		-	-	180	180	180	-	300	300	300	400
中心高度(开)(mm) Height	H		-	-	325	325	327	-	478	540		
流道孔径(mm) Flow port dimension	d		-	-	10	13.5	18	-	28	36	55	70
重量(Kg) Weight			-	-	14.6	16.8	17.6	-	25	31.9		



- ※焊接阀盖
- ※明杆支架
- ※双填料
- ※隔环
- ※注脂阀
- ※刚性闸板
- ※Welded bonnet
- ※OS&Y
- ※Packing
- ※Distance ring
- ※Injector sealing gum valves
- ※Solid wedge

真空闸阀/vacuum Gate Valves

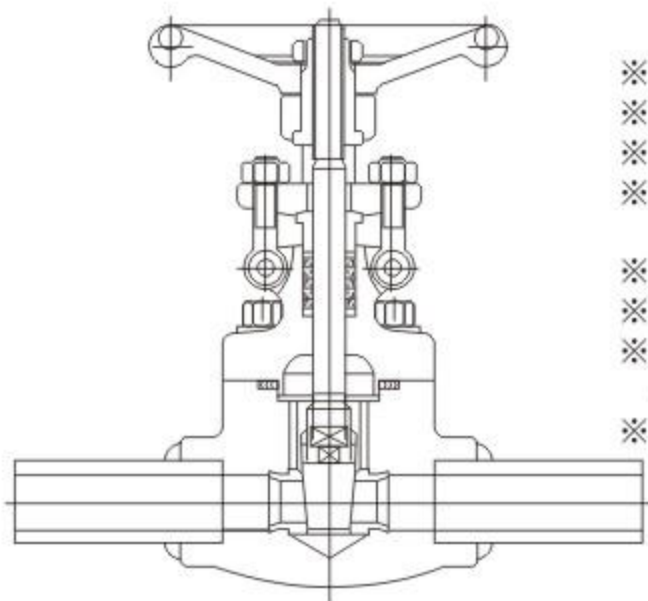
CLASS 800 API 602-BS 5352 缩和全径 Reduced port & full port	温压等级 Temperature-pressure rate	材料 Materials		
		阀体/阀盖 Body/bonnet	内件 Trim	螺栓 Bolt
	1975 psi@100° F	碳钢 Cast steel	13Cr	B7



- ※螺栓阀盖
- ※明杆支架
- ※管帽连接
- ※刚性闸板
- ※Bolted
- ※OS&Y
- ※Cap fitting connection
- ※Solid wedge

放空导淋阀/for Venting And/or Releasing Media

CLASS 800 API 602-BS 5352 缩和全径 Reduced port & full port	温压等级 Temperature-pressure rate	材料 Materials		
		阀体/阀盖 Body/bonnet	内件 Trim	螺栓 Bolt
	1975 psi@100° F	碳钢 Cast steel	13Cr	B7

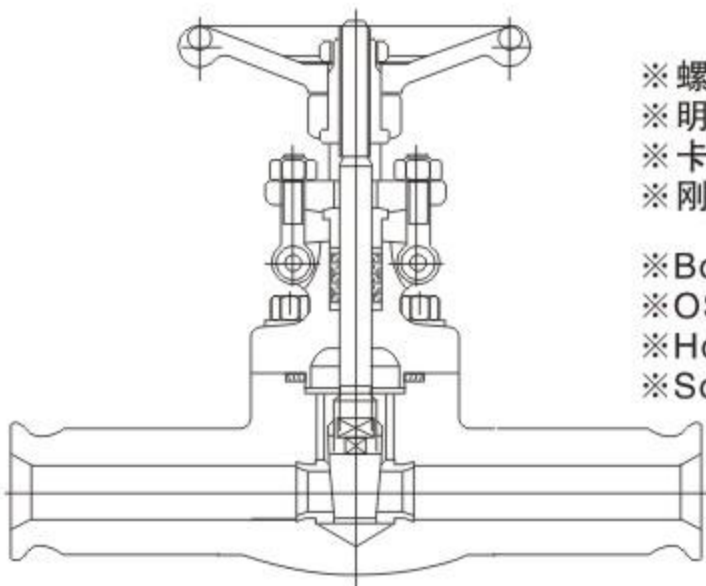


- ※螺栓阀盖
- ※明杆支架
- ※双头管接
- ※刚性闸板
- ※Bolted bonnet
- ※OS&Y
- ※Double end pipe connection
- ※Solid wedge

管接阀门/Coupling pipe valves

CLASS 800 API 602-BS 5352 缩和全径 Reduced port & full port	温压等级 Temperature-pressure rate	材料 Materials		
		阀体/阀盖 Body/bonnet	内件 Trim	螺栓 Bolt
	1975 psi@100° F	碳钢 Cast steel	13Cr	B7

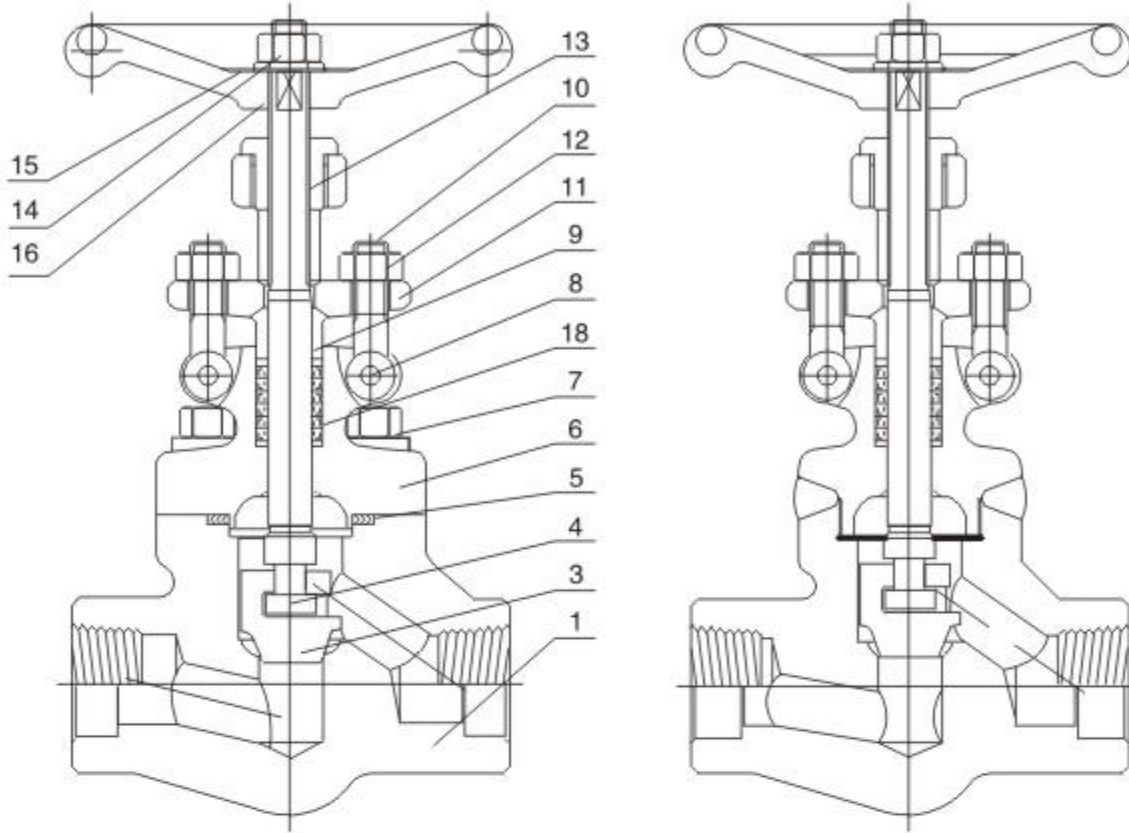
注：管道长度订货时须请与CHISHENG销售人员说明。
Please explain pipe length to sale person when you order.



- ※螺栓阀盖
- ※明杆支架
- ※卡箍管接
- ※刚性闸板
- ※Bolted bonnet
- ※OS&Y
- ※Hoop connection
- ※Solid wedge

卡箍闸阀/Hoop gate valves

CLASS 800 API 602-BS 5352 缩和全径 Reduced port & full port	温压等级 Temperature-pressure rate	材料 Materials		
		阀体/阀盖 Body/bonnet	内件 Trim	螺栓 Bolt
	1975 psi@100° F	碳钢 Cast steel	13Cr	B7



应用规范 Application standards

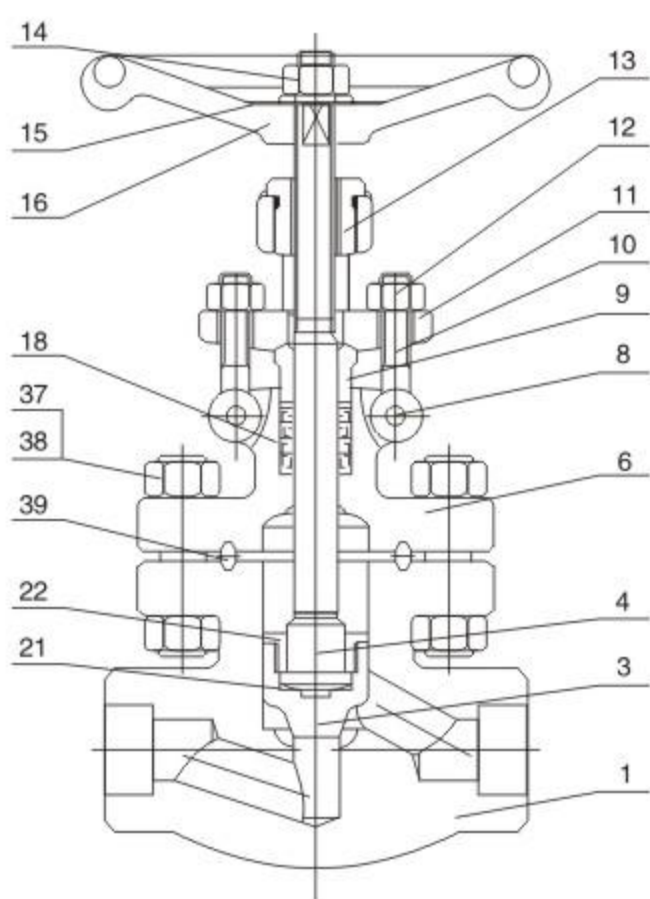
- 1、设计制造 Design and manufacture conform to BS5352 MSS SP-118;
- 2、连接端尺寸 Connection ends conform to :
 - 1) 承插口尺寸按 Socket welded ends conform to ANSI B16.11:JB/T1751
 - 2) 螺纹端尺寸按 Screw ends conform to ANSI B1.20.1; JB/T7306
 - 3) 对焊端尺寸按 Butt-welded ends conform to ANSI B16.25; JB/T12224
 - 4) 法兰端尺寸按 Flanged ends conform to ANSI B16.5; JB79
- 3、阀门检查和试验 Test and inspection conform to: API 598; GB/T13927; JB/T9092
- 4、结构特征 Structure features:
螺栓连接阀盖(B.B)和明杆支架(OS&Y)
或焊接阀盖(W.B)和明杆支架(OS&Y)
Bolted bonnet, outside screw and yoke
Weided bonnet, outside screw and yoke
- 5、材料按 Materials conform to ANSI/ASTM的规定。
- 6、主体材料 Main materials;
A105; LF2; F5; F11; F22; 304(L); 316(L); F347; F321; F51; Monel; 20 主体材料 Alloy.

碳钢温压等级 Carbon steel temperature-pressure rate

CL150-285 P.S.I @ 100°F CL300-740 P.S.I @ 100°F CL600-1480 P.S.I @ 100°F CL800-1975 P.S.I @ 100°F CL1500-3705 P.S.I @ 100°F

典型零件材料表 Main part materials list

序号 NO.	零件名称 Part name	A105/F6a	A105/F6aHFS	LF2/304	F11/F6aHF	F304(L)/304(L)	F316(L)/316(L)	F51/F51
1	阀体 Body	A105	A105+HF	LF2	F11+HF	F304(L)	F316(L)	F51
3	阀瓣 Disc	F6a	F6a	F304	F6aHF	F304(L)	F316(L)	F51
4	阀杆 Stem	410	410	304	410	304(L)	316(L)	F51
5	垫片 Gasket	304+柔性石墨 Flexible graphite	304+柔性石墨 Flexible graphite	304+柔性石墨 Flexible graphite	304+柔性石墨 Flexible graphite	304+柔性石墨 Flexible graphite	316+柔性石墨 Flexible graphite	316+柔性石墨 Flexible graphite
6	阀盖 Bonnet	A105	A105	LF2	F11	F304(L)	F316(L)	F51
7	螺栓 Bolt	B7	B7	L7	B16	B8(M)	B8(M)	B8M
8	销轴 Pin	410	410	410	410	304	304	304
9	填料压套 Gland	410	410	304	410	304	316	F51
10	活节螺栓 Gland Eyebolt	B7	B7	L7	B16	B8(M)	B8(M)	B8M
11	填料压盖 Gland Flange	A105	A105	LF2	F11	F304	F304	F304
12	六角螺母 Hex Nut	2H	2H	2H	2H	8(M)	8(M)	8M
13	阀杆螺母 Stem Nut	410	410	410	410	410	410	410
14	锁紧螺母 Locking Nut	35	35	35	35	35	35	35
15	铭牌 Nameplate	AL	AL	AL	AL	AL	AL	AL
16	手轮 Handwheel	A197	A197	A197	A197	A197	A197	A197
18	填料 Packing	石墨 Graphite	石墨 Graphite	石墨 Graphite	石墨 Graphite	石墨 Graphite	石墨 Graphite	石墨 Graphite


应用规范 Application standards

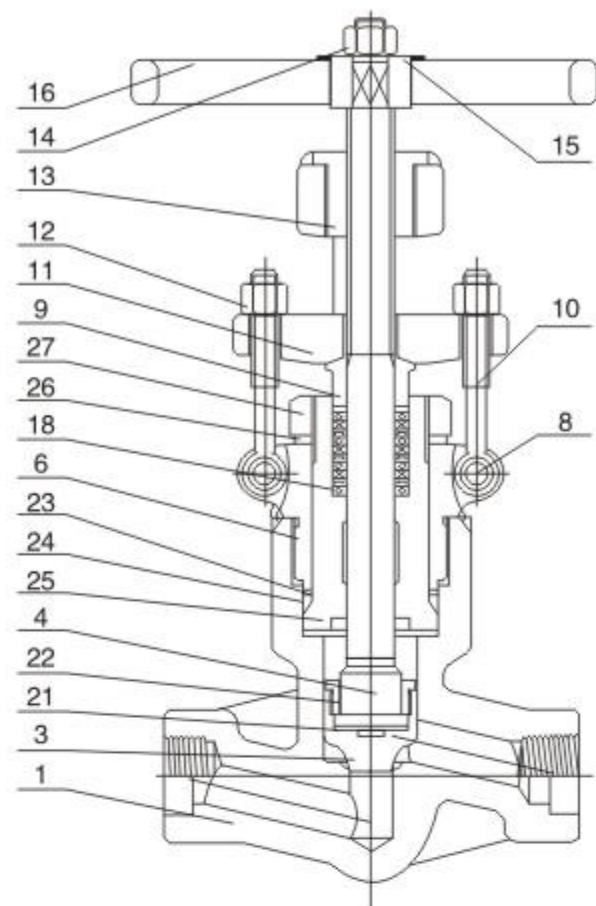
- 1、设计制造 Design and manufacture conform to BS5352 MSS SP-118;
- 2、连接端尺寸 Connection ends conform to :
 - 1) 承插口尺寸按 Socket welded ends conform to ANSI B16.11:JB/T1751
 - 2) 螺纹端尺寸按 Screw ends conform to ANSI B1.20.1; JB/T7306
 - 3) 对焊端尺寸按 Butt-welded ends conform to ANSI B16.25; JB/T12224
 - 4) 法兰端尺寸按 Flanged ends conform to ANSI B16.5; JB79
- 3、阀门检查和试验 Test and inspection conform to: API 598; GB/T13927; JB/T9092
- 4、结构特征 Structure features:
 螺栓连接阀盖(B.B)和明杆支架(OS&Y)
 或焊接阀盖(W.B)和明杆支架(OS&Y)
 Bolted bonnet, outside screw and yoke
 Weided bonnet, outside screw and yoke
- 5、材料按 Materials conform to ANSI/ASTM的规定。
- 6、主体材料 Main materials;
 A105; LF2; F5; F11; F22; 304(L); 316(L); F347; F321; F51; Monel; 20 主体材料 Alloy.

碳钢温压等级 Carbon steel temperature-pressure rate

CL150-285 P.S.I @ 100°F CL300-740 P.S.I @ 100°F CL600-1480 P.S.I @ 100°F CL800-1975 P.S.I @ 100°F CL1500-3705 P.S.I @ 100°F

典型零件材料表 Main part materials list

序号 NO.	零件名称 Part name	A105/F6a	A105/F6aHFS	LF2/304	F11/F6aHF	F304(L)/304(L)	F316(L)/316(L)	F51/F51
1	阀体 Body	A105	A105+HF	Lf2	F11+HF	F304(L)	F316(L)	F51
3	阀瓣 Disc	F6a	F6a	F304	F6aHF	F304(L)	F316(L)	F51
4	阀杆 Stem	410	410	304	410	304(L)	316(L)	F51
6	阀盖 Bonnet	A105	A105	LF2	F11	F304(L)	F316(L)	F51
8	销 Pin	410	410	410	410	304	304	304
9	填料压套 Gland	410	410	304	410	304	316	F51
10	活节螺栓 Gland Eyebolt	B7	B7	L7	B16	B8(M)	B8(M)	B8M
11	填料压盖 Gland Flange	A105	A105	LF2	F11	F304	F304	F304
12	六角螺母 Hex Nut	2H	2H	2H	2H	8(M)	8(M)	8M
13	阀杆螺母 Stem Nut	410	410	410	410	410	410	410
14	锁紧螺母 Locking Nut	35	35	35	35	35	35	35
15	铭牌 Nameplate	AL	AL	AL	AL	AL	AL	AL
16	手轮 Handwheel	A197	A197	A197	A197	A197	A197	A197
18	填料 Packing	石墨 Graphite	石墨 Graphite	石墨 Graphite	石墨 Graphite	石墨 Graphite	石墨 Graphite	石墨 Graphite
21	阀杆垫块 Stem pad	420	420	420	420	316SH	316SH	316SH
22	阀瓣螺母 Disc nut	410	410	410	410	410	410	410
37	双头螺柱 Screwed stud	B7	B7	L7	B16	B8(M)	B8(M)	B8(M)
38	螺母 Nut	2H	2H	8	8	8(M)	8(M)	8(M)
39	金属环 Metal ring	304	304	304	304	304(L)	316(L)	F51



应用规范 Application standards

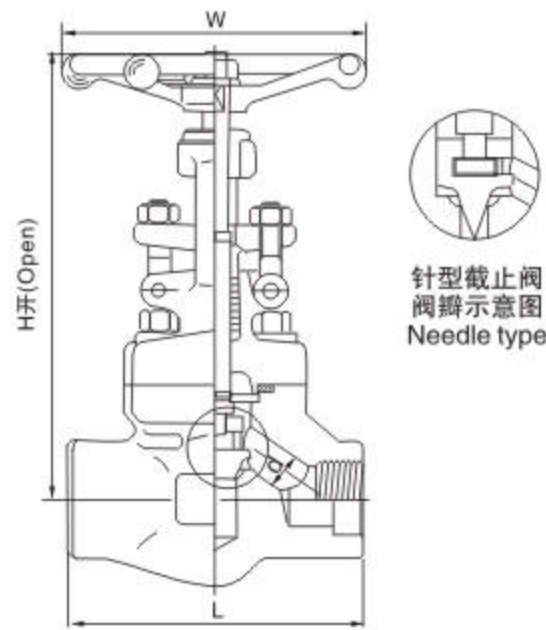
- 1、设计制造 Design and manufacture conform to ASME B16.34;
- 2、连接端尺寸 Connection ends conform to :
 - 1) 承插口尺寸按 Socket welded ends conform to ANSI B16.11:JB/T1751
 - 2) 螺纹端尺寸按 Screw ends conform to ANSI B1.20.1; JB/T7306
 - 3) 对焊端尺寸按 Butt-welded ends conform to ANSI B16.25; JB/T12224
 - 4) 法兰端尺寸按 Flanged ends conform to ANSI B16.5; JB79
- 3、阀门检查和试验 Test and inspection conform to: API 598; GB/T13927; JB/T9092
- 4、结构特征 Structure features:
螺栓连接阀盖自紧式密封
A threaded and pressure seal bonnet;
Y型或T型结构 Y type and T type
- 5、材料按 Materials conform to ANSI/ASTM的规定。
- 6、主体材料 Main materials;
A105; LF2; F5; F11; F22; 304(L); 316(L); F347; F321; F91; Monel; 20合金等 Alloy.

碳钢温压等级 Carbon steel temperature-pressure rate

CL1500-3705 P.S.I @ 100°F CL2500-6170 P.S.I @ 100°F

典型零件材料表 Main part materials list

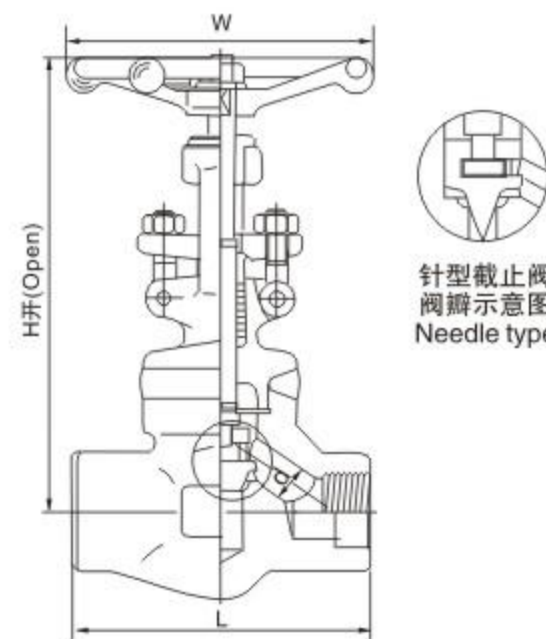
序号 NO.	零件名称 Part name	A105/F6a	A105/F6aHFS	LF2/304	F11/F6aHF	F304(L)/304(L)	F316(L)/316(L)	F91/410HF
1	阀体 Body	A105	A105+HF	Lf2	F11+HF	F304(L)	F316(L)	F91+HF
3	阀瓣 Disc	410	410	304	410	304(L)	316(L)	410+HF
4	阀杆 Stem	410	410	304	410	304(L)	316(L)	410
6	阀盖 Bonnet	A105	A105	LF2	F11	F304(L)	F316(L)	F91
8	销轴 Pin	410	410	410	410	304	304	410
9	填料压套 Gland	410	410	304	410	304	316	410
10	活节螺栓 Gland Eyebolt	B7	B7	L7	B16	B8(M)	B8(M)	B8
11	填料压盖 Gland Flange	A105	A105	LF2	F11	F304	F304	F91
12	六角螺母 Hex Nut	2H	2H	2H	2H	8(M)	8(M)	8
13	阀杆螺母 Stem Nut	410	410	410	410	410	410	410
14	锁紧螺母 Locking Nut	35	35	35	35	35	35	35
15	铭牌 Nameplate	AL	AL	AL	AL	AL	AL	AL
16	手轮 Handwheel	A197	A197	A197	A197	A197	A197	A197
18	填料 Packing	石墨 Graphite	石墨 Graphite	石墨 Graphite	石墨 Graphite	石墨 Graphite	石墨 Graphite	石墨 Graphite
21	阀杆垫块 Stem pad	420	420	420	420	316SH	316SH	420
22	阀瓣螺母 Disc nut	410	410	410	410	304(L)	316(L)	410
23	密封圈垫片 Seal ring gasket	420	420	304	304	304(L)	316(L)	316(L)
24	自密封圈 P.S.ring	304	304	304	304	304	316	304
25	自密封座 P.S.seat	420	420	304	304	304(L)	316(L)	F91
26	螺母垫片 Nut pad	410	410	410	410	410	410	410
27	拉紧螺母 Draw-in stud	碳钢 Cast steel	碳钢 Cast steel	碳钢 Cast steel	碳钢 Cast steel	不锈钢 Stainless steel	不锈钢 Stainless steel	碳钢 Cast steel


 针型截止阀
 阀瓣示意图
 Needle type

 螺栓连接阀盖，缩径和全径，明杆支架(OS&Y)
 Bolted bonnet, full port reducing port outside screw and yoke(OS&Y)
 末端连接可按螺纹或承插焊，设计按BS5352
 Threaded, butt-welded or socket welded ends; design to BS5352

CL800

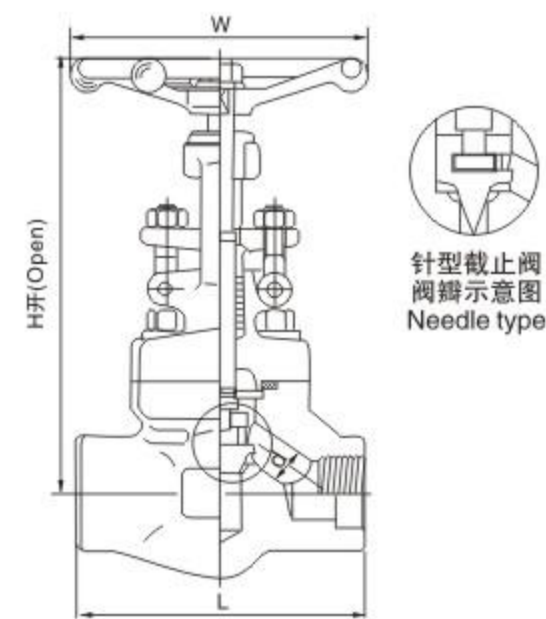
规格(NPS) SPecification	R.P	-	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	4
	F.P	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3
结构长度(mm)Face to face	L	79	79	92	111	120	152	172	220	252	305
手轮直径(mm) Handwheel diameter	W	100	100	100	125	160	160	180	220	300	400
中心高度(开)(mm) Height	H	164	164	164	203	224	260	300	355	400	530
流道孔径(mm) Flow port dimension	d	7	9	13	17.5	23	30	35	46	52	70
重量(kg) Weight		1.9	2.28	2.37	4.3	5.75	7.8	12.5	17.5		


 针型截止阀
 阀瓣示意图
 Needle type

 焊接连接阀盖，缩径和全径，明杆支架(OS&Y)
 Welded bonnet, full port reducing port outside screw and yoke(OS&Y)
 末端连接为螺纹或承插焊或对焊，设计按BS5352
 Threaded, butt-welded or socket welded ends; design to BS5352

CL800

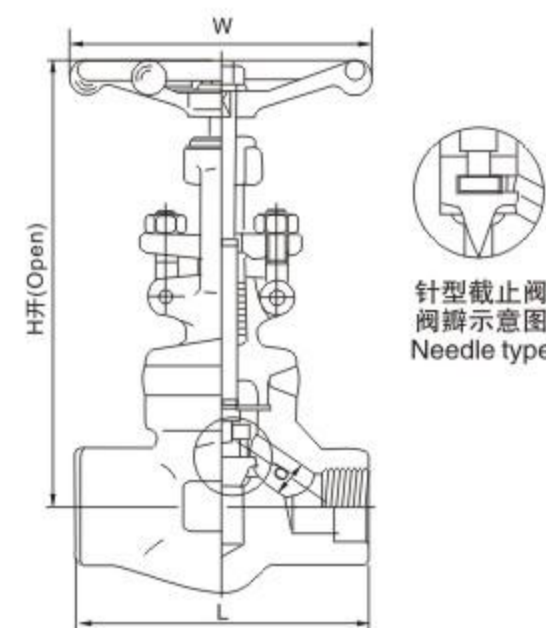
规格(NPS) SPecification	R.P	-	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	4
	F.P	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3
结构长度(mm)Face to face	L	79	79	92	111	120	152	172	220	252	305
手轮直径(mm) Handwheel diameter	W	100	100	100	125	160	160	180	220	300	400
中心高度(开)(mm) Height	H	164	164	164	203	224	260	300	355	400	530
流道孔径(mm) Flow port dimension	d	7	9	13	17.5	23	30	35	46	52	70
重量(kg) Weight		1.7	1.7	1.9	3.3	5.2	6.8	10.6	13.8		


 针型截止阀
 阀瓣示意图
 Needle type

 螺栓连接阀盖，缩径和全径，明杆支架(OS&Y)
 Bolted bonnet, full port reducing port outside screw and yoke(OS&Y)
 末端连接可按螺纹或承插焊，设计按BS5352
 Threaded, butt-welded or socket welded ends; design to BS5352

CL900-CL1500

规格(NPS) SPecification	R.P	-	1/2	3/8	1	1 1/4	1 1/2	2	2 1/2	3	4
	F.P	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3
结构长度(mm)Face to face	L	92	111	111	120	152	172	200	220	252	305
手轮直径(mm) Handwheel diameter	W	100	125	125	160	160	180	200	220	300	400
中心高度(开)(mm) Height	H	171	207	207	240	258	330	355	370	400	530
流道孔径(mm) Flow port dimension	d	7	12	15	20	28	32	40	45	52	70
重量(kg) Weight		2.3	3.6	3.7	6.8	7.6	11.6	15	21.9		


 针型截止阀
 阀瓣示意图
 Needle type

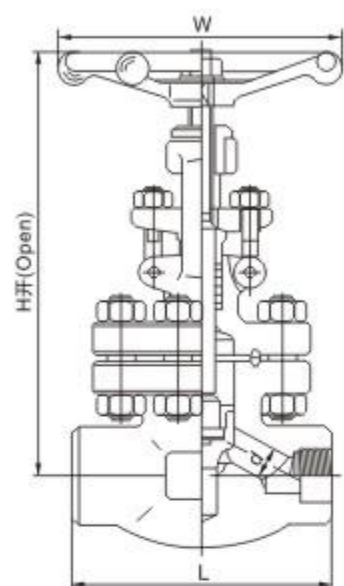
 焊接连接阀盖，缩径和全径，明杆支架(OS&Y)
 Welded bonnet, full port reducing port outside screw and yoke(OS&Y)
 末端连接可按螺纹或承插焊，设计按BS5352
 Threaded, butt-welded or socket welded ends; design to BS5352

CL900-CL1500

规格(NPS) SPecification	R.P	-	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	4
	F.P	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3
结构长度(mm)Face to face	L	92	111	111	120	152	172	200	220	252	305
手轮直径(mm) Handwheel diameter	W	100	125	125	160	160	180	200	220	300	400
中心高度(开)(mm) Height	H	171	207	207	240	258	330	355	370	400	530
流道孔径(mm) Flow port dimension	d		12	15	20	28	32	40	45	52	70
重量(kg) Weight		2.2	3.3	3.4	5.6	6.0	10.3	14.2	18.0		

螺栓连接阀盖(RJ), 全径, 明杆支架(OS&Y)
Bolted bonnet, full port outside screw and yoke(OS&Y)
末端连接为螺纹或承插焊, 设计按BS5352
Threaded, butt-welded or socket welded ends; design to BS5352

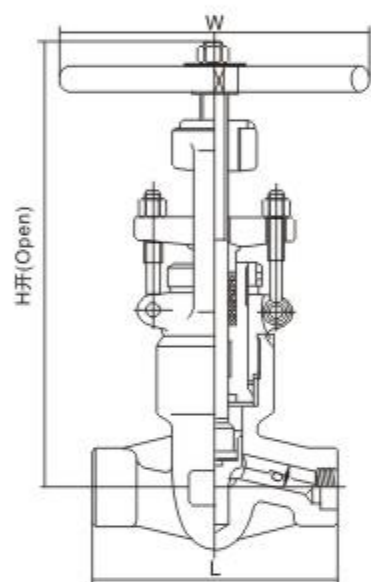
CL900-CL1500



规格(NPS) Specification	F.P	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2
结构长度(mm) Face to face	L	110	110	150	150		210	235
手轮直径(mm) Handwheel diameter	W	110	110	130	180		210	250
中心高度(开)(mm) Height	H	227	227	300	307		400	448
流道孔径(mm) Flow port dimension	d	9	12	15	20		32	40
重量(kg) Weight		5	5	10	11.5		22	37

压力自紧式连接阀盖, 全径, 明杆支架(OS&Y)
Pressure seal bonnet, full port outside screw and yoke(OS&Y)
末端连接为螺纹或承插焊, 设计按BS5352
Threaded, butt-welded or socket welded ends; design to BS5352

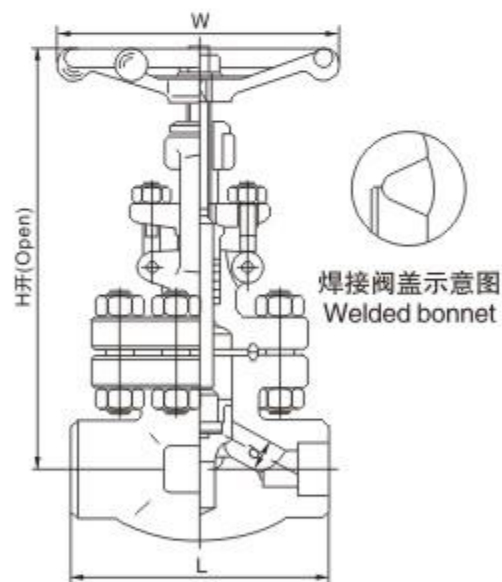
CL900-CL1500



规格(NPS) Specification	F.P	1/2	3/4	1	1 1/4	1 1/2	2
结构长度(mm) Face to face	L	140	140	140	178	178	216
手轮直径(mm) Handwheel diameter	W	200	200	200	280	280	300
中心高度(开)(mm) Height	H	320	320	320	440	440	490
流道孔径(mm) Flow port dimension	d	12	15	20	28	32	40
重量(kg) Weight		10.8	10.5	11.5	19.6	21.1	55.4

螺栓连接阀盖(RJ), 全径, 明杆支架(OS&Y)
Bolted bonnet, full port outside screw and yoke(OS&Y)
末端连接为承插焊, 设计按ASME B16.34
Socket welded ends; design to conform to ASME B16.34

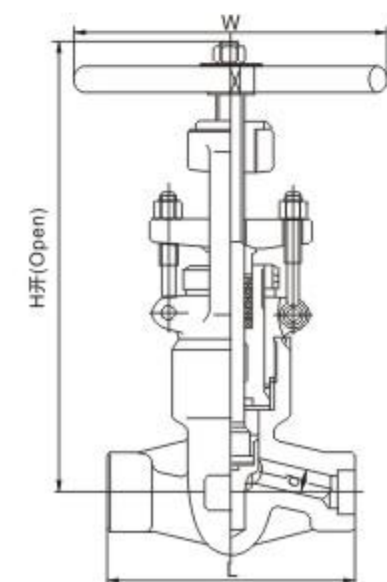
CL2500



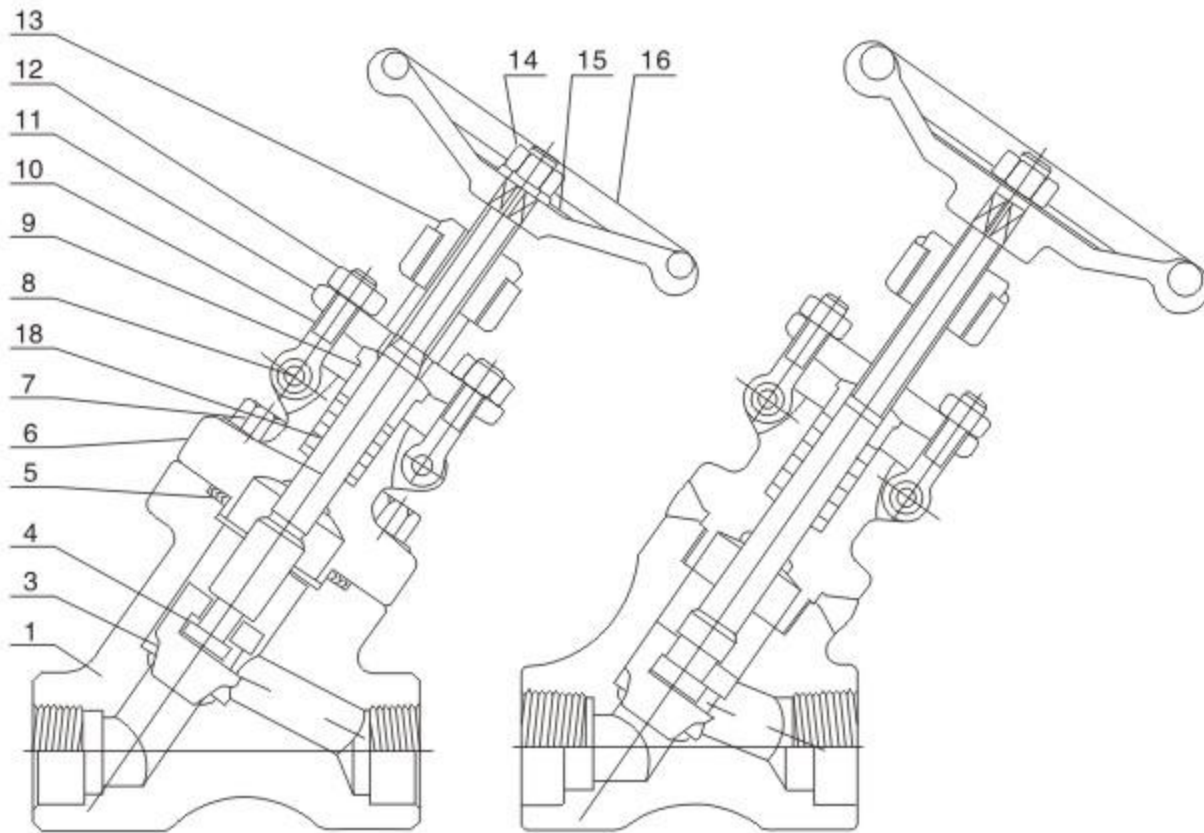
规格(NPS) Specification	F.P	1/2	3/4	1	1 1/4	1 1/2	2
结构长度(mm) Face to face	L	150	150	210		235	235
手轮直径(mm) Handwheel diameter	W	130	130	250		300	300
中心高度(开)(mm) Height	H	293	300	390		435	435
流道孔径(mm) Flow port dimension	d	11	17	19		28	35
重量(kg) Weight		10	10.3	22.4		38	38

压力自紧式连接阀盖, 全径, 明杆支架(OS&Y)
Pressure seal bonnet, full port outside screw and yoke(OS&Y)
末端连接为承插焊, 设计按ASME B16.34
Socket welded ends; design conform to ASME B16.34

CL2500



规格(NPS) Specification	F.P	1/2	3/4	1	1 1/4	1 1/2	2
结构长度(mm) Face to face	L	186	186	186	232	232	279
手轮直径(mm) Handwheel diameter	W	200	200	200	280	280	300
中心高度(开)(mm) Height	H	375	378	380	490	490	540
流道孔径(mm) Flow port dimension	d	11	14	19	25	28	35
重量(kg) Weight		10.8	11.6	12.3	26.0	28.4	60


应用规范 Application standards

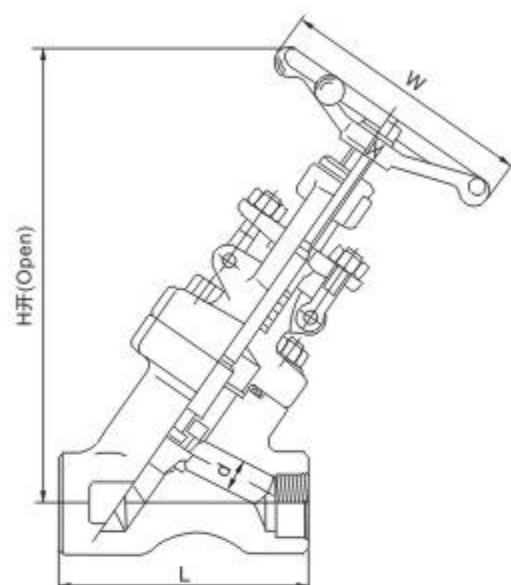
- 1、设计制造 Design and manufacture conform to BS5352 MSS SP-118;
- 2、连接端尺寸 Connection ends conform to :
 - 1) 承插口尺寸按 Socket welded ends conform to ANSI B16.11:JB/T1751
 - 2) 螺纹端尺寸按 Screw ends conform to ANSI B1.20.1; JB/T7306
 - 3) 对焊端尺寸按 Butt-welded ends conform to ANSI B16.25; JB/T12224
 - 4) 法兰端尺寸按 Flanged ends conform to ANSI B16.5; JB79
- 3、阀门检查和试验 Test and inspection conform to: API 598; GB/T13927; JB/T9092
- 4、结构特征 Structure features:
 螺栓连接阀盖(B.B)和明杆支架(OS&Y)
 Bolted bonnet, outside screw and yoke
 或焊接阀盖(W.B)和明杆支架(OS&Y)
 Welded bonnet, outside screw and yoke
- 5、材料按 Materials conform to ANSI/ASTM的规定。
- 6、主体材料 Main materials;
 A105; LF2; F5; F11; F22; 304(L); 316(L); F347;
 F321; F51; Monel; 20 合金 Alloy; 哈氏合金等 Hastelloy.

碳钢温压等级 Carbon steel temperature-pressure rate

CL150-285 P.S.I @ 100°F CL300-740 P.S.I @ 100°F CL600-1480 P.S.I @ 100°F CL800-1975 P.S.I @ 100°F CL1500-3705 P.S.I @ 100°F

典型零件材料表 Main part materials list

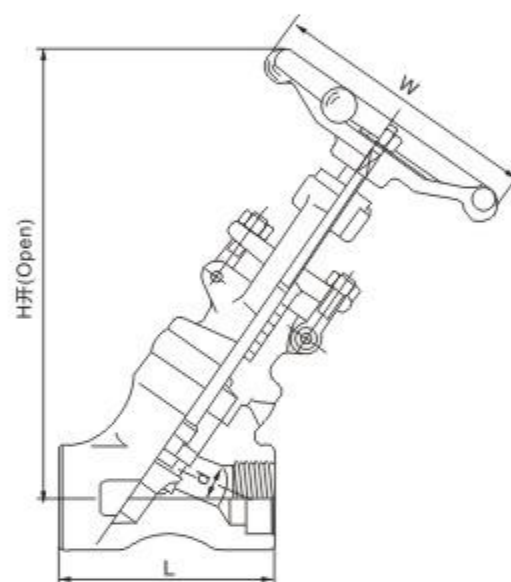
序号 NO.	零件名称 Part name	A105/F6a	A105/F6aHFS	LF2/304	F11/F6aHF	F304(L)/304(L)	F316(L)/316(L)	F51/F51
1	阀体 Body	A105	A105+HF	LF2	F11+HF	F304(L)	F316(L)	F51
3	阀瓣 Disc	F6a	F6a	F304	F6aHF	F304(L)	F316(L)	F51
4	阀杆 Stem	410	410	304	410	304(L)	316(L)	F51
5	垫片 Gasket	304+柔性石墨 Flexible graphite	304+柔性石墨 Flexible graphite	304+柔性石墨 Flexible graphite	304+柔性石墨 Flexible graphite	304+柔性石墨 Flexible graphite	304+柔性石墨 Flexible graphite	304+柔性石墨 Flexible graphite
6	阀盖 Bonnet	A105	A105	LF2	F11	F304(L)	F316(L)	F51
7	螺栓 Bolt	B7	B7	L7	B16	B8(M)	B8(M)	B8M
8	销轴 Pin	410	410	410	410	304	304	304
9	填料压套 Gland	410	410	304	410	304	316	F51
10	活节压盖 Gland Eyebolt	B7	B7	L7	B16	B8(M)	B8(M)	B8M
11	填料压盖 Gland Flange	A105	A105	LF2	F11	F304	F304	F304
12	六角螺母 Hex Nut	2H	2H	2H	2H	8(M)	8(M)	8M
13	阀杆螺母 Stem Nut	410	410	410	410	410	410	410
14	锁紧螺母 Locking Nut	35	35	35	35	35	35	35
15	铭牌 Nameplate	AL	AL	AL	AL	AL	AL	AL
16	手轮 Handwheel	A197	A197	A197	A197	A197	A197	A197
18	填料 Packing	石墨 Graphite	石墨 Graphite	石墨 Graphite	石墨 Graphite	石墨 Graphite	石墨 Graphite	石墨 Graphite



CL800

螺栓连接阀盖, 缩径和全径, 明杆支架(OS&Y)
Welded bonnet, full port & reducing port outside screw and yoke(OS&Y)
末端连接为螺纹或承插焊, 设计按BS5352
Threaded, butt-welded or socket welded ends; design to BS5352

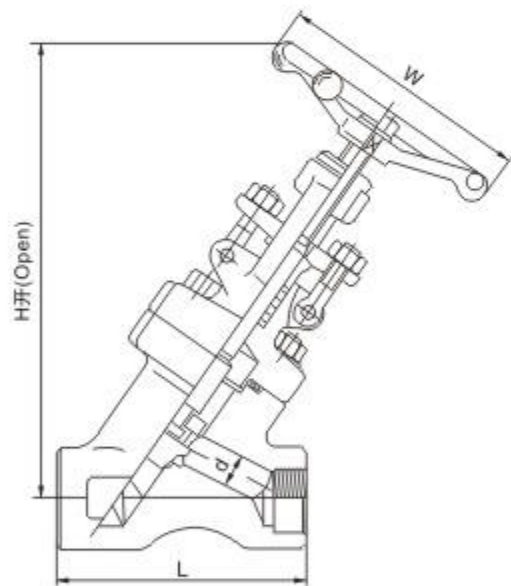
规格(NPS) SPecification	R.P	1/2	3/4	1	1 ¹ / ₄	1 ¹ / ₂	2	2 ¹ / ₂	3
	F.P	1/4	3/8	1/2	3/4	1	1 ¹ / ₄	1 ¹ / ₂	2
结构长度(mm)Face to face	L	98	98	98	111	140	140	155	170
手轮直径(mm) Handwheel diameter	W	100	100	100	125	160	160	180	200
中心高度(开)(mm) Height	H	180	180	180	188	280	280	295	350
流道孔径(mm) Flow port dimension	d	7	9	13	17.5	23	30	35	46
重量(kg) Weight		2.6	2.6	3.8	4.6	9.3	9.3	14	19.6



CL800

螺栓连接阀盖, 缩径和全径, 明杆支架(OS&Y)
Welded bonnet, full port & reducing port outside screw and yoke(OS&Y)
末端连接为螺纹或承插焊, 设计按BS5352
Threaded, butt-welded or socket welded ends; design to BS5352

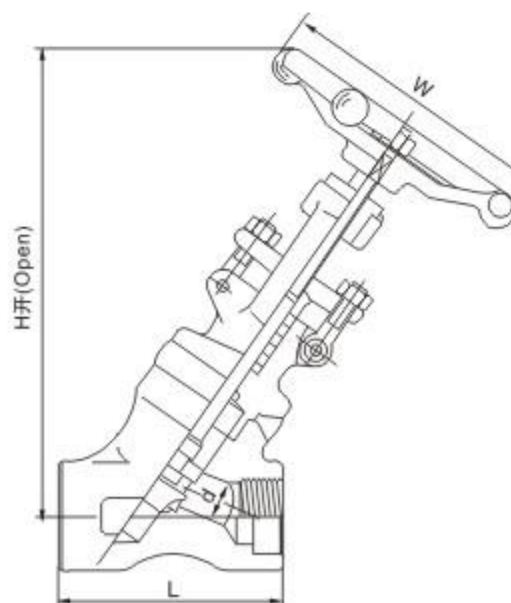
规格(NPS) SPecification	R.P	1/2	3/4	1	1 ¹ / ₄	1 ¹ / ₂	2	2 ¹ / ₂	3
	F.P	1/4	3/8	1/2	3/4	1	1 ¹ / ₄	1 ¹ / ₂	2
结构长度(mm)Face to face	L	79	79	92	100	140	140	155	170
手轮直径(mm) Handwheel diameter	W	100	100	100	125	160	160	180	200
中心高度(开)(mm) Height	H	198	198	198	207	280	280	295	350
流道孔径(mm) Flow port dimension	d	7	9	13	17.5	23	30	35	46
重量(kg) Weight		1.8	1.8	2.0	3.5	8.0	8.0	12	16



CL900-CL1500

螺栓连接阀盖, 全径, 明杆支架(OS&Y)
Bolted bonnet, full port & outside screw and yoke(OS&Y)
末端连接为螺纹或承插焊, 设计按BS5352
Threaded, butt-welded or socket welded ends; design to BS5352

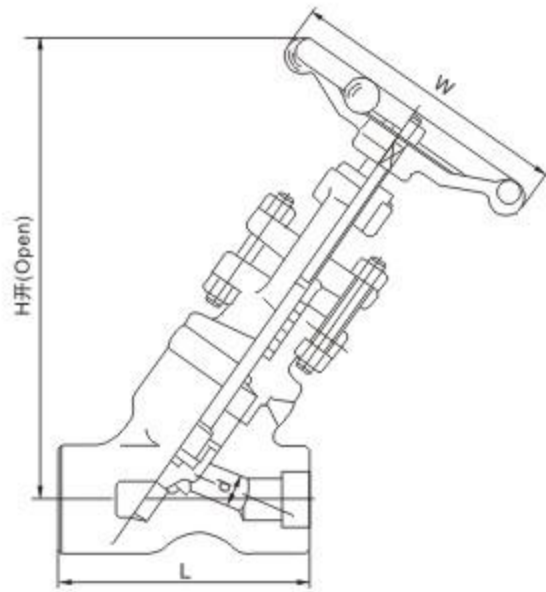
规格(NPS) SPecification	F.P	3/8	1/2	3/4	1	1 ¹ / ₄	1 ¹ / ₂	2	2 ¹ / ₂
结构长度(mm)Face to face	L	98	111	111	140	140	155	170	
手轮直径(mm) Handwheel diameter	W	100	125	125	160	160	180	200	
中心高度(开)(mm) Height	H	175	175	215	215	254	305	305	
流道孔径(mm) Flow port dimension	d	9	12	15	20	28	32	40	
重量(kg) Weight		2.6	4.6	4.6	9.3	9.3	14	19.6	



CL900-CL1500

焊接连接阀盖, 全径, 明杆支架(OS&Y)
Welded bonnet, full port & outside screw and yoke(OS&Y)
末端连接为螺纹或承插焊, 设计按BS5352
Threaded, butt-welded or socket welded ends; design to BS5352

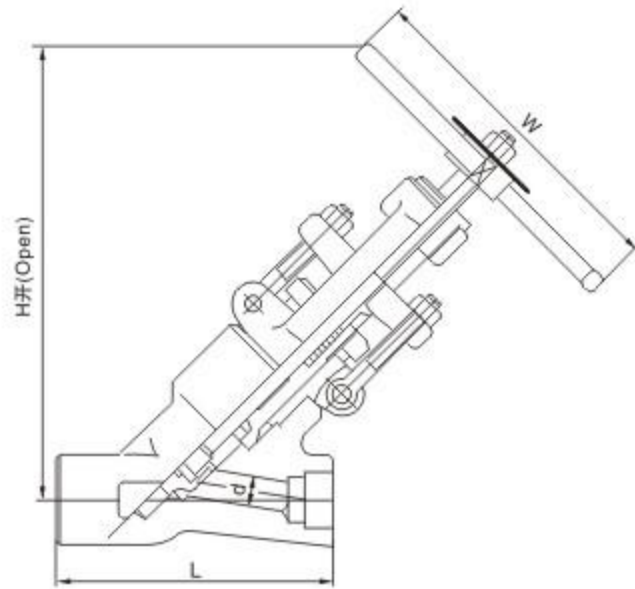
规格(NPS) SPecification	F.P	3/8	1/2	3/4	1	1 ¹ / ₄	1 ¹ / ₂	2	2 ¹ / ₂
结构长度(mm)Face to face	L	92	100	100	140	140	155	170	
手轮直径(mm) Handwheel diameter	W	100	125	125	160	160	180	200	
中心高度(开)(mm) Height	H	175	207	207	280	280	295	350	
流道孔径(mm) Flow port dimension	d	9	12	15	20	28	32	40	
重量(kg) Weight		1.8	3.5	3.5	8.0	8.0	12	16	



焊接连接阀盖, 全径, 明杆支架(OS&Y)
 Welded bonnet, full port & outside screw and yoke(OS&Y)
 末端连接为焊接承插连接, 设计按ASME 16.34
 Socket welded, design conform to ASME 16.34

CL2500

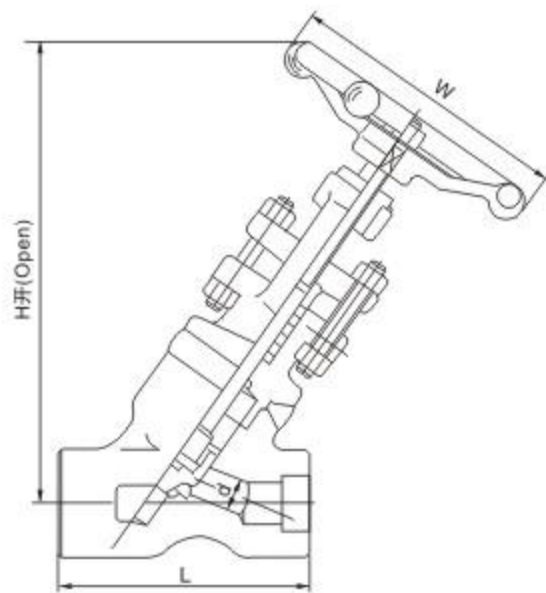
规格(NPS) Specification	F.P	3/8	1/2	3/4	1	1 ¹ / ₄	1 ¹ / ₂	2
结构长度(mm)Face to face	L	186	186	186	186	232	232	310
手轮直径(mm) Handwheel diameter	W	200	200	200	200	280	280	300
中心高度(开)(mm) Height	H	329	329	329	329	350	350	383
流道孔径 (mm) Flow port dimension	d	9	11	14	19	25	28	35
重量(kg) Weight		10.8	11.6	12.3	12.3	28.0	26.4	43.8



压力自紧式密封阀盖, 全径, 明杆支架(OS&Y)
 Pressure seal bonnet, full port & outside screw and yoke(OS&Y)
 末端连接为焊接承插连接, 设计按ASME 16.34
 Socket welded, design conform to ASME 16.34

CL2500

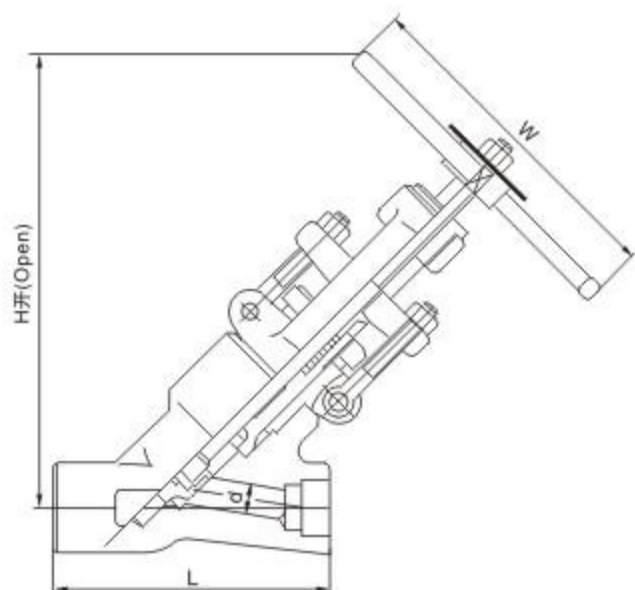
规格(NPS) Specification	F.P	3/8	1/2	3/4	1	1 ¹ / ₄	1 ¹ / ₂	2
结构长度(mm)Face to face	L	186	186	186	186	232	232	310
手轮直径(mm) Handwheel diameter	W	200	200	200	200	280	280	300
中心高度(开)(mm) Height	H	333	333	333	333	406	406	524
流道孔径 (mm) Flow port dimension	d	9	11	14	19	25	28	35
重量(kg) Weight		10.8	11.6	12.3	12.3	28.0	26.4	43.8



焊接自紧式密封阀盖, 全径, 明杆支架(OS&Y)
 Welded seal bonnet, full port & outside screw and yoke(OS&Y)
 末端连接为焊接承插连接, 设计按ASME 16.34
 Socket welded, design conform to ASME 16.34

CL4500

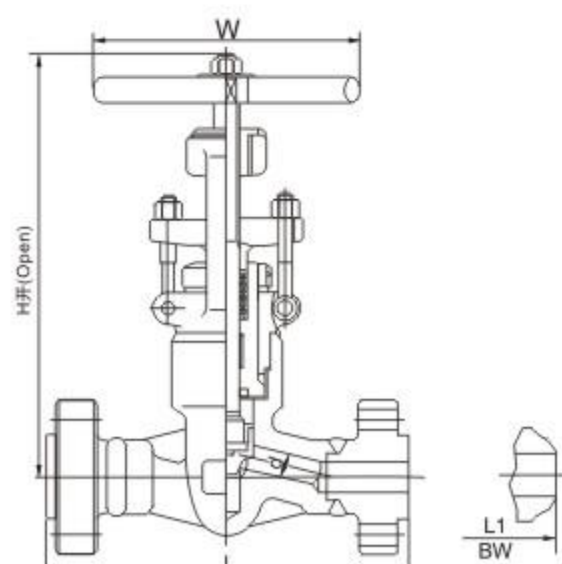
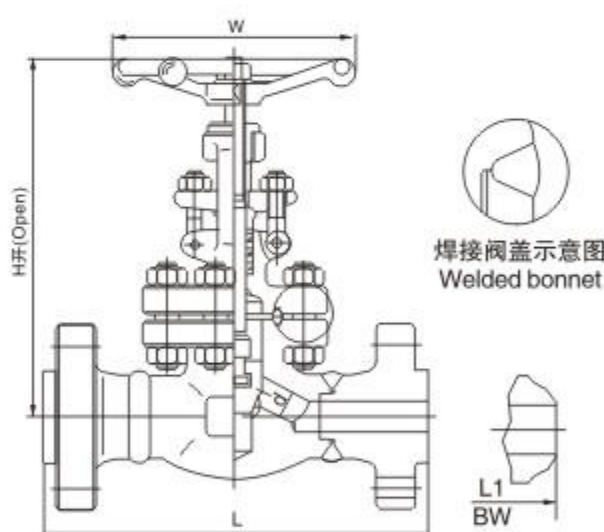
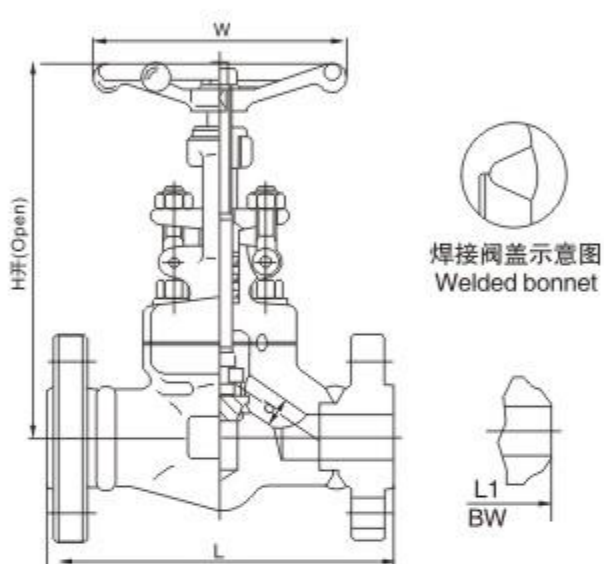
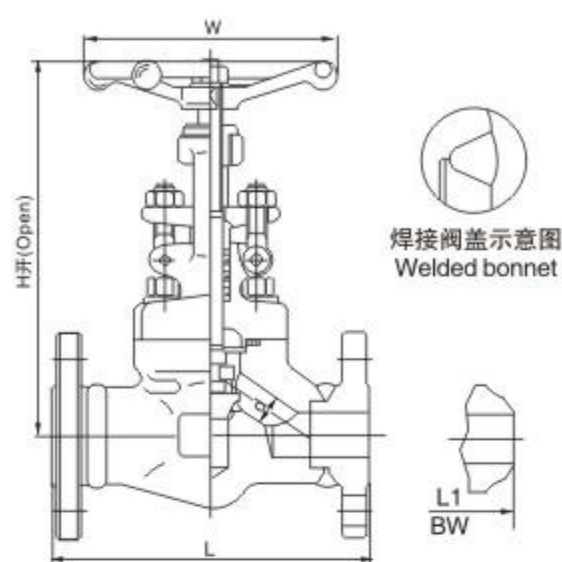
规格(NPS) Specification	F.P	3/8	1/2	3/4	1	1 ¹ / ₄	1 ¹ / ₂	2
结构长度(mm)Face to face	L	155	155	155	155		225	225
手轮直径(mm) Handwheel diameter	W	220	220	220	220		300	320
中心高度(开)(mm) Height	H	350	350	350	380		453	453
流道孔径 (mm) Flow port dimension	d	9	11	11	15		26	28
重量(kg) Weight		9.4	9.6	9.6	10.5		34	36



压力自紧式密封阀盖, 全径, 明杆支架(OS&Y)
 Pressure seal bonnet, full port & outside screw and yoke(OS&Y)
 末端连接为焊接承插连接, 设计按ASME 16.34
 Socket welded, design conform to ASME 16.34

CL4500

规格(NPS) Specification	F.P	3/8	1/2	3/4	1	1 ¹ / ₄	1 ¹ / ₂	2
结构长度(mm)Face to face	L	200	200	200	200	250	250	330
手轮直径(mm) Handwheel diameter	W	280	280	280	280	300	300	320
中心高度(开)(mm) Height	H	400	400	400	400	460	460	540
流道孔径 (mm) Flow port dimension	d	9	11	11	15	20	26	28
重量(kg) Weight		30	30	30	30	30	36	58



螺栓连接阀盖, 缩径和全径, 明杆支架(OS&Y)
Bolted bonnet, full port reducing port outside screw and yoke(OS&Y)
末端连接为法兰或对焊连接, 设计按API 602; BS5352
Flange-welded or butt-welded ends; design to API602; BS5352

CL150-300-600

规格(NDN) Specification			1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3
结构长度(mm) Face to face	CL150	L(RF) L1(BW)	-	-	108	117	127	140	165	203	216	241
	CL300		-	-	152	178	203	216	229	267	292	318
	CL600		-	-	165	190	216	229	241	292	330	356
手轮直径(mm) Handwheel diameter	W	-	-	100	100	125	160	160	180	220	300	
中心高度(开) (mm) Height	CL150/CL300	H	-	-	180	184	217	224	260	300		
	CL600		-	-	164	164	203	224	260	300		
流道孔径(mm) Flow port dimension	d	-	-	9	13	17.5	23	30	35	45	55	
重量(Kg) Weight	CL150	RF	-	-	3.45	4.00	6.19	9.6	10.5	17		
		BW	-	-	2.3	3.6	7.8	8.2	12.0	15.0		
	CL300	RF	-	-	3.8	5.1	7.2	12	13.5	19.7		
		BW	-	-	2.8	4.0	8.5	9.2	12.6	16.8		
	CL600	RF	-	-	5.6	7.8	12.5	17	23.5	38.8		
		BW	-	-	3.4	4.7	9.2	10.5	13.3	18.9		

注: 如需法兰和阀体一体式锻造的请与CHISHENG销售人员联系。
Flange Integrity Forged Steel Valve Enquiry Please Contact Sales Department.

螺栓连接阀盖(RJ), 全径, 明杆支架(OS&Y)
Welded bonnet, full port outside screw and yoke(OS&Y)
末端连接为焊接法兰或对焊连接, 设计按BS5352
Flange-welded or butt-welded ends; design to BS5352

CL900-CL1500

规格(NDN) Specification		F.P	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3
结构长度(mm) Face to face	L(RF),L1(BW)	-	-	216	229	254	279	305	368	419	470	
	L(RTJ)	-	-	216	229	254	279	305	371	422	473	
手轮直径(mm) Handwheel diameter	W	-	-	125	125	160	160	180	220	300	350	
中心高度(开) (mm) Height	H	-	-	207	207	230	160	300	355			
流道孔径(mm) Flow port dimension	d	-	-	12	15	20	28	32	33	45	55	
重量(Kg) Weight		-	-	11	13.2	17.4	19	24.5	31			

注: 如需法兰和阀体一体式锻造的请与CHISHENG销售人员联系。
Flange Integrity Forged Steel Valve Enquiry Please Contact Sales Department.

螺栓连接阀盖(RJ), 全径, 明杆支架(OS&Y)
Welded bonnet, full port outside screw and yoke(OS&Y)
末端连接为焊接法兰或对焊连接, 设计按ASME B16.34
Flange-welded or butt-welded ends; design to ASME B16.34

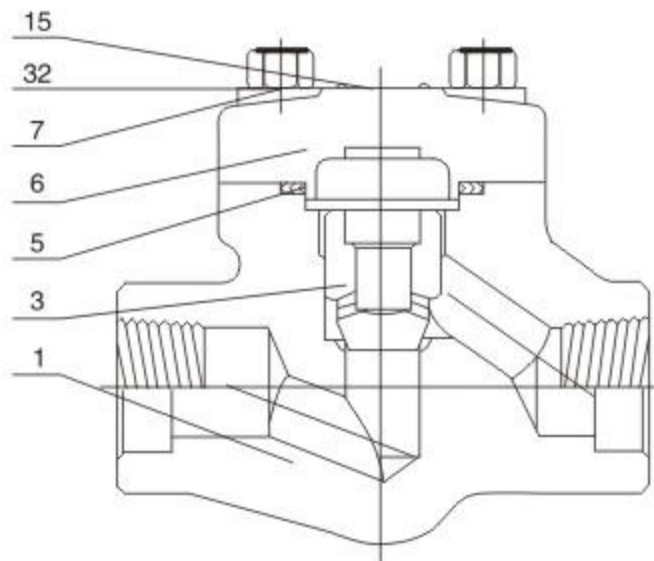
CL2500

规格(NPS) Specification		F.P	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3
结构长度(mm) Face to face	L(RF),L1(BW)	-	-	264	273	308	-	384	451	508	578	
	L(RTJ)	-	-	264	273	308	-	387	454	514	584	
手轮直径(mm) Handwheel diameter	W	-	-	125	160	180	-	220	300	350	450	
中心高度(开) (mm) Height	H	-	-	207	240	258	-	355	300			
流道孔径(mm) Flow port dimension	d	-	-	11	14	19	-	28	35	45	55	
重量(Kg) Weight		-	-	19.5	21.5	42	-	65	95			

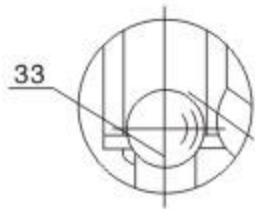
压力自紧式密封闸阀, 全径, 明杆支架(OS&Y)
Pressure seal gate valves, full port outside screw and yoke (OS & Y)
末端连接为焊接法兰或对焊连接, 设计按ASME B16.34
Flange-welded or butt-welded ends; design to ASME B16.34

CL2500

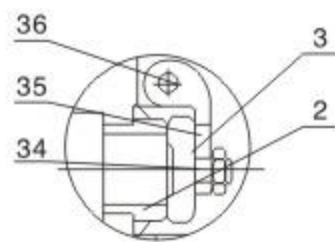
规格(NPS) Specification		F.P	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3
结构长度(mm) Face to face	L(RF),L1(BW)	-	-	264	273	308	349	384	451	508	578	
	L(RTJ)	-	-	264	273	308	349	387	454	514	584	
手轮直径(mm) Handwheel diameter	W	-	-	220	220	220	300	300	350	350	450	
中心高度(开) (mm) Height	H	-	-	320	320	320	440	440	490			
流道孔径(mm) Flow port dimension	d	-	-	11	14	19	25	28	35	45	55	
重量(Kg) Weight		-	-	21.5	24.7	30.4	48.1	58.1	130			



如要加载弹簧需在定货单中注明
Please mark in you offer if you need load spring



球型止回阀示意图
Ball type



旋启式止回阀示意图
Swing type

应用规范 Application standards

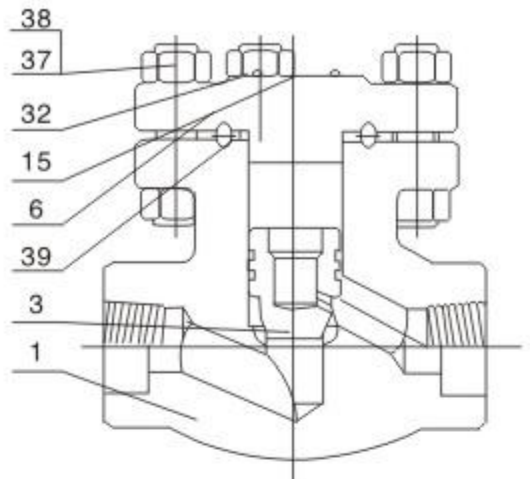
- 1、设计制造 Design and manufacture conform to BS5352 MSS SP-118;
- 2、连接端尺寸 Connection ends conform to :
 - 1) 承插口尺寸按 Socket welded ends conform to ANSI B16.11:JB/T1751
 - 2) 螺纹端尺寸按 Screw ends conform to ANSI B1.20.1; JB/T7306
 - 3) 对焊端尺寸按 Butt-welded ends conform to ANSI B16.25; JB/T12224
 - 4) 法兰端尺寸按 Flanged ends conform to ANSI B16.5; JB79
- 3、阀门检查和试验 Test and inspection conform to: API 598; GB/T13927; JB/T9092
- 4、结构特征 Structure features: 螺栓连接阀盖(B.B) Bolted bonnet
- 5、材料按 Materials conform to ANSI/ASTM的规定。
- 6、主体材料 Main materials; A105; LF2; F5; F11; F22; 304(L); 316(L); F347; F321; F51; Monel; 20 合金等 Alloy.

碳钢温压等级 Carbon steel temperature-pressure rate

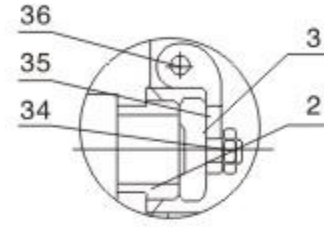
CL150-285 P.S.I @ 100°F CL300-740 P.S.I @ 100°F CL600-1480 P.S.I @ 100°F CL800-1975 P.S.I @ 100°F CL1500-3705 P.S.I @ 100°F

典型零件材料表 Main part materials list

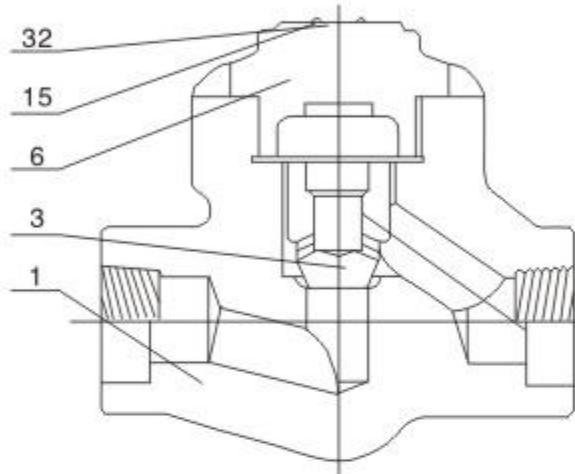
序号 NO.	零件名称 Part name	A105/F6a	A105/F6aHFS	LF2/304	F11/F6aHF	F304(L)/304(L)	F316(L)/316(L)	F51/F51
1	阀体 Body	A105	A105	LF2	F11	F304(L)	F316(L)	F51
2	座圈 Seat ring	410	410HF	304	410HF	304(L)	316(L)	F51
3	阀瓣 Disc	F6a	F6a	F304	F6aHF	F304(L)	F316(L)	F51
5	垫片 Gasket	304+柔性石墨 Flexible graphite	304+柔性石墨 Flexible graphite	304+柔性石墨 Flexible graphite	304+柔性石墨 Flexible graphite	304+柔性石墨 Flexible graphite	316+柔性石墨 Flexible graphite	316+柔性石墨 Flexible graphite
6	阀盖 Bonnet	A105	A105	LF2	F11	F304(L)	F316(L)	F51
7	螺栓 Bolt	B7	B7	L7	B16	B8(M)	B8(M)	B8M
15	铭牌 Nameplate	AL	AL	AL	AL	AL	AL	AL
32	铆钉 Rivet	AL	AL	AL	AL	AL	AL	AL
33	钢球 Steel ball	430	430	304	STL	316(L)	316(L)	STL
34	阀瓣螺母 Disc nut	2H	2H	8	8	8(M)	8(M)	8M
35	摇臂 Hinge	410	410	304	410	316(L)	316(L)	F51
36	销轴 Pin	410	410	304	410	304(L)	316(L)	F51



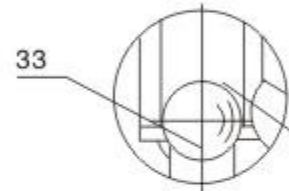
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旋启式止回阀示意图
Swing type



如要加载弹簧需在定货单中注明
Please mark in you offer if you need load spring



球型止回阀示意图
Ball type

应用规范 Application standards

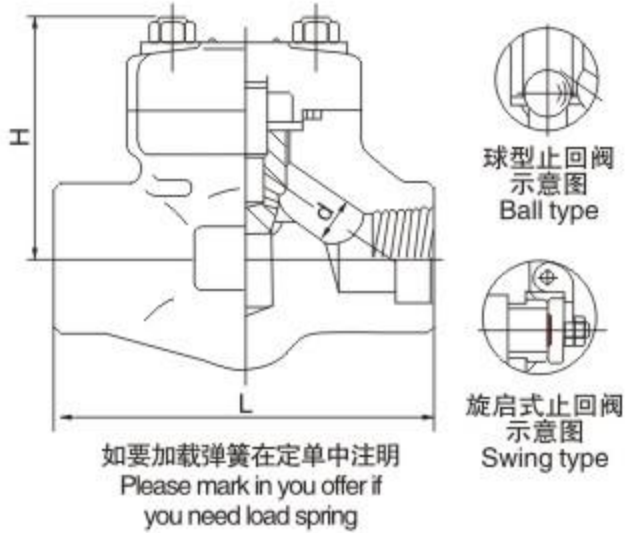
- 1、设计制造 Design and manufacture conform to BS5352 MSS SP-118;
- 2、连接端尺寸 Connection ends conform to :
 - 1) 承插口尺寸按 Socket welded ends conform to ANSI B16.11:JB/T1751
 - 2) 螺纹端尺寸按 Screw ends conform to ANSI B1.20.1; JB/T7306
 - 3) 对焊端尺寸按 Butt-welded ends conform to ANSI B16.25; JB/T12224
 - 4) 法兰端尺寸按 Flanged ends conform to ANSI B16.5; JB79
- 3、阀门检查和试验 Test and inspection conform to: API 598; GB/T13927; JB/T9092
- 4、结构特征 Structure features:
 - 体盖连接垫片采用金属环(RJ)
Gasket for bonnet connect adopt metal ring,
 - 螺栓连接阀盖(B.B) 焊接阀盖(W.B)
Bolted bonnet, Welded bonnet
- 5、材料按 Materials conform to ANSI/ASTM的规定。
- 6、主体材料 Main materials; A105; LF2; F5; F11; F22; 304(L); 316(L); F347; F321; F51; Monel; 20 合金等 Alloy.

碳钢温压等级 Carbon steel temperature-pressure rate

CL150-285 P.S.I @ 100°F CL300-740 P.S.I @ 100°F CL600-1480 P.S.I @ 100°F CL800-1975 P.S.I @ 100°F CL1500-3705 P.S.I @ 100°F CL2500-6170 P.S.I @ 100°F

典型零件材料表 Main part materials list

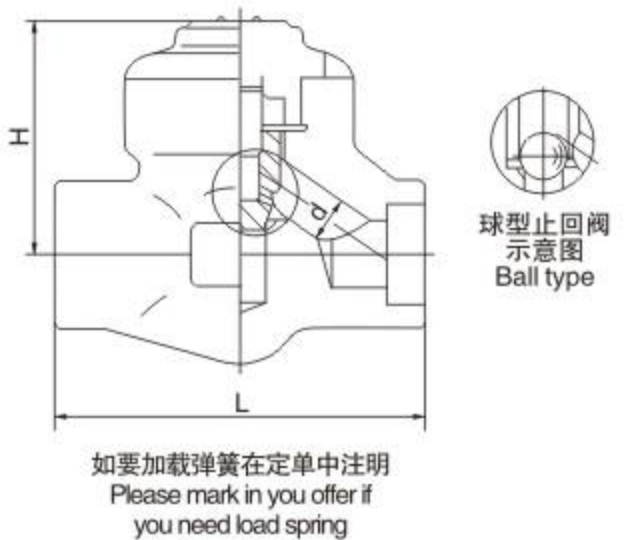
序号 NO.	零件名称 Part name	A105/F6a	A105/F6aHFS	LF2/304	F11/F6aHF	F304(L)/304(L)	F316(L)/316(L)	F51/F51
1	阀体 Body	A105	A105	LF2	F11	F304(L)	F316(L)	F51
2	座圈 Seat ring	410	410HF	304	410HF	304(L)	316(L)	F51
3	阀瓣 Disc	F6a	F6a	F304	F6aHF	F304(L)	F316(L)	F51
6	阀盖 Bonnet	A105	A105	LF2	F11	F304(L)	F316(L)	F51
15	铭牌 Nameplate	AL	AL	AL	AL	AL	AL	AL
32	铆钉 Rivet	AL	AL	AL	AL	AL	AL	AL
33	钢球 Steel ball	430	430	304	STL	316(L)	316(L)	STL
34	阀瓣螺母 Disc nut	2H	2H	8	8	8(M)	8(M)	8M
35	摇臂 Hinge	410	410	304	410	316(L)	316(L)	F51
36	销轴 Pin	410	410	304	410	304(L)	316(L)	F51
37	双头螺柱 Screwed stud	B7	B7	L7	B16	B8(M)	B8(M)	B8(M)
38	螺母 Nut	2H	2H	8	8	8(M)	8(M)	8(M)
39	金属环 Metal ring	304	304	304	304	304(L)	316(L)	F51



CL800

螺栓连接阀盖，缩径和全径，
Bolted bonnet, full port & reducing port
末端连接为螺纹或承插焊或对焊，设计按BS5352
Threaded, butt-welded or socket welded ends; design to BS5352

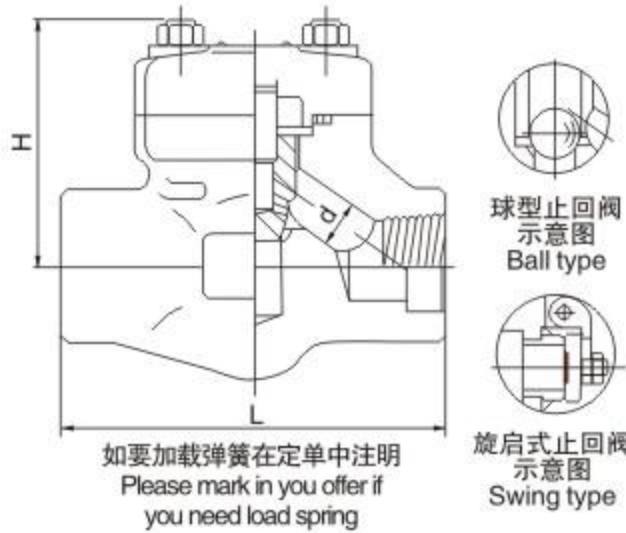
规格(NPS) SPecification	F.P		1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	4	
	R.P		1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	
结构长度(mm)Face to face	L	升降式 Lift	79	79	92	111	120	152	172	220	252	305
		旋启式 Swing	79	79	92	111	120	120	140	178	185	285
中心高度(开)(mm) Height	H	升降式 Lift	61	61	61	78	84	84	118	132		
		旋启式 Swing	61	61	61	78	84	84	120	133		
流道孔径 (mm) Flow port dimension	d	升降式 Lift	7	9	13	17.5	23	30	35	46	52	70
		旋启式 Swing	8	10.5	13.5	18	24	29	36.5	45	52	70
重量(kg) Weight		升降式 Lift	1.2	1.5	1.7	3.3	4.2	4.2	10.5	12.5		
		旋启式 Swing	1.4	1.5	1.7	3.3	4.2	4.2	8.5	10.9		



CL800

焊接阀盖，缩径和全径，
Welded bonnet, full port & reducing port
末端连接为螺纹或承插焊或对焊，设计按BS5352
Threaded, butt-welded or socket welded ends; design to BS5352

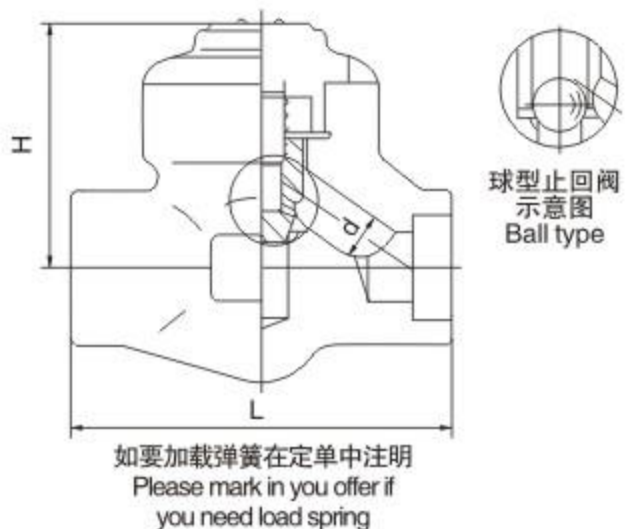
规格(NPS) SPecification	R.P	-	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	4
	F.P	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3
结构长度(mm)Face to face	L	79	79	92	111	120	152	172	220	250	305
中心高度(开)(mm) Height	H	61	61	61	78	84	103	118	132		
流道孔径 (mm) Flow port dimension	d	7	9	13	17.5	23	30	35	46	52	70
重量(kg) Weight		1.2	1.3	1.5	3.0	3.9	6.0	10	12		



CL900-CL1500

螺栓阀盖，缩径和全径，
Bolted bonnet, full port & reducing port
末端连接为螺纹或承插焊，设计按BS5352
Threaded, butt-welded or socket welded ends; design to BS5352

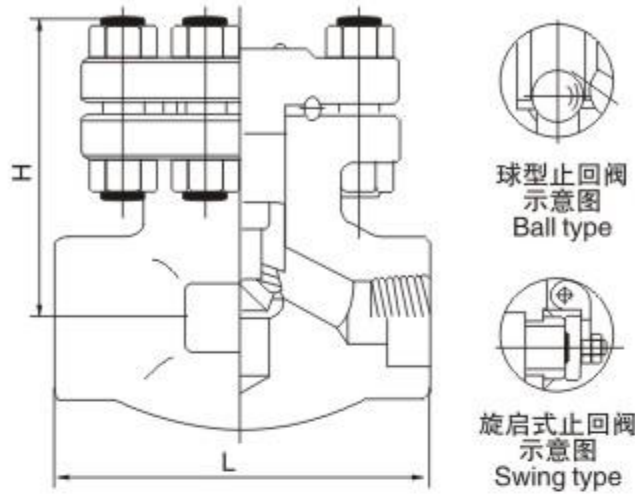
规格(NPS) SPecification	F.P		1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	4	
	R.P		1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	
结构长度(mm)Face to face	L	升降式 Lift	92	111	111	120	152	172	220	252	252	305
		旋启式 Swing	92	111	111	120	120	140	178	185	185	285
中心高度(开)(mm) Height	H	升降式 Lift	61	78	78	84	103	118	132			
		旋启式 Swing	61	78	78	84	101	120	133			
流道孔径 (mm) Flow port dimension	d	升降式 Lift	7	10	13.5	18	22	28	36	45	55	70
		旋启式 Swing	8	10.5	13.5	18	22	28	36			
重量(kg) Weight		升降式 Lift	1.5	3.4	3.3	4.2	6.3	10.5	12.5			
		旋启式 Swing	1.5	3.3	3.4	4.2	5.0	8.5	10.9			



CL900-CL1500

焊接阀盖，缩径和全径，
Welded bonnet, full port & reducing port
末端连接为螺纹或承插焊，设计按BS5352
Threaded, butt-welded or socket welded ends; design to BS5352

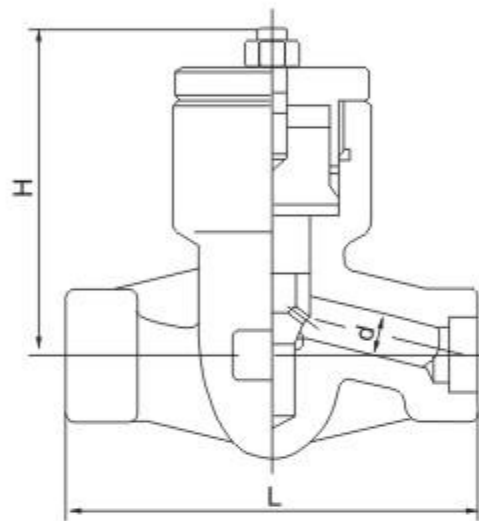
规格(NPS) SPecification	R.P	-	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	4
	F.P	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3
结构长度(mm)Face to face	L	92	111	111	120	152	172	220	252	252	305
中心高度(开)(mm) Height	H	61	78	78	84	103	118	132			
流道孔径 (mm) Flow port dimension	d	7	10	13	18	22	28	36	45	55	70
重量(kg) Weight		1.3	3.1	3.1	3.9	5.8	10.0	11.5			



螺栓连接阀盖，缩径和全径，
Bolted bonnet, full port & reducing port
末端连接为螺纹或承插焊，设计按BS5352
Threaded, butt-welded or socket welded ends; design to BS5352

CL900-CL1500

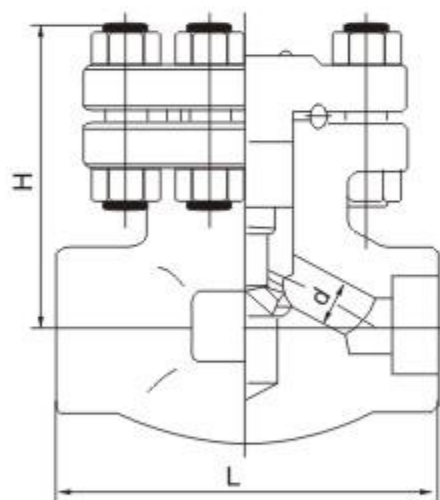
规格(NPS) SPecification	F.P	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2	3	4
结构长度(mm)Face to face	L	111	111	111	111	120	152	172	220	252	305
中心高度(开)(mm) Height	H	60	60	60	60	73	87	110	125		
流道孔径 (mm) Flow port dimension	d										
	升降式 Lift	9	10	13	13	18	22	28	36	55	70
重量(kg) Weight	升降式 Lift	2	2.1	1.9	4	5.1	7.2	12.1	14		
	旋启式 Swing	1.9	2.3	2.3	4.35	5.25	7.8	12.5	14.6		



压力自紧式阀盖，缩径和全径，
Pressure seal bonnet, full port and reducing port
末端连接为螺纹或承插焊，设计按BS5352
Threaded, butt-welded or socket welded ends; design to BS5352

CL900-CL1500

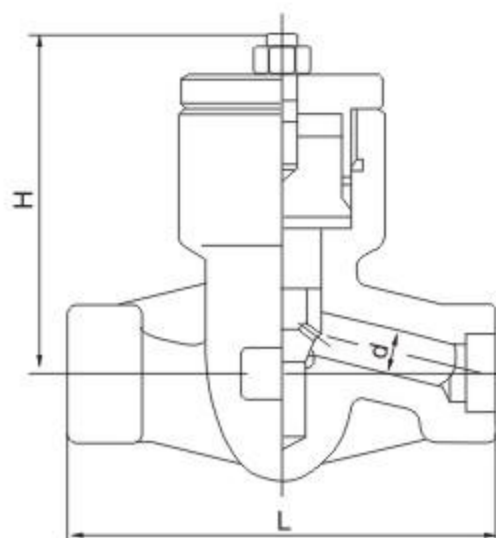
规格(NPS) SPecification	R.P	-	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3
	F.P	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2
结构长度(mm)Face to face	L		140	140	140	178	216	216		
中心高度(开)(mm) Height	H		117	117	117	152	195	195		
流道孔径 (mm) Flow port dimension	d		12	15	20	28	32	40		
重量(kg) Weight			6.8	7.0	7.5	18.5	20.3	22		



螺栓连接阀盖，缩径和全径，
Bolted bonnet, full port & reducing port
末端连接为螺纹或承插焊，设计按ASME B16.34
Threaded, butt-welded or socket welded ends; design to ASME B16.34

CL2500

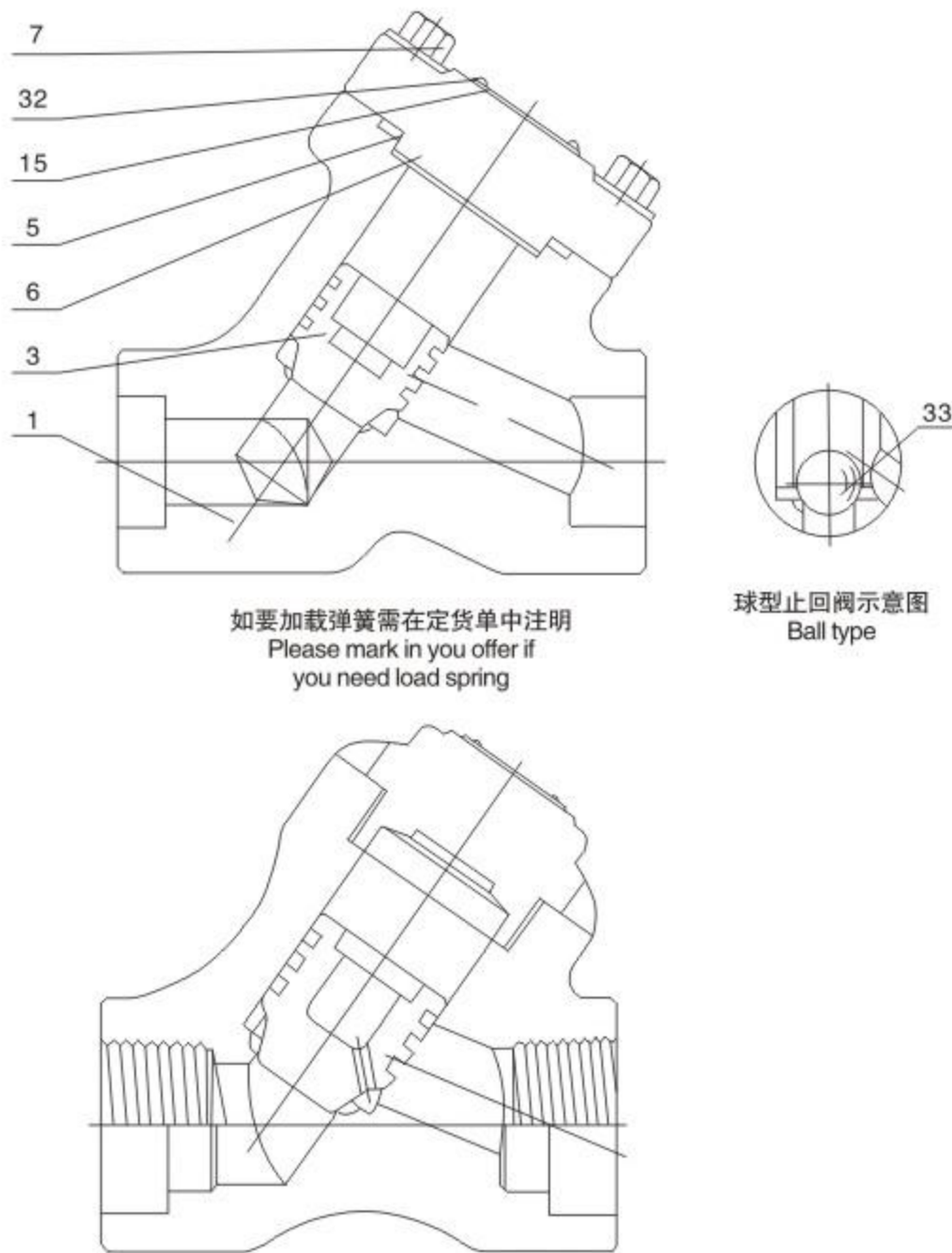
规格(NPS) SPecification	F.P	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2	3	4
结构长度(mm)Face to face	L	111	111	111	120	152	172	220	252	305	
中心高度(开)(mm) Height	H	60	60	60	23	87	110	125	170		
流道孔径 (mm) Flow port dimension	d	7.5	10.5	10	13	18	22	28	35	50	65
重量(kg) Weight		11.9	12.3	17	46	62	73	58	85		



压力自紧式阀盖，缩径和全径，
Pressure seal bonnet, full port and reducing port
末端连接为螺纹或承插焊，设计按ASME B16.34
Threaded, butt-welded or socket welded ends; design to ASME B16.34

CL2500

规格(NPS) SPecification	F.P	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2
结构长度(mm)Face to face	L			186	186	186	232	232	279
中心高度(开)(mm) Height	H			117	117	117	152	152	195
流道孔径 (mm) Flow port dimension	d			11	14	19	25	28	35
重量(kg) Weight				10.5	11	11.8	23	26.4	39



应用规范 Application standards

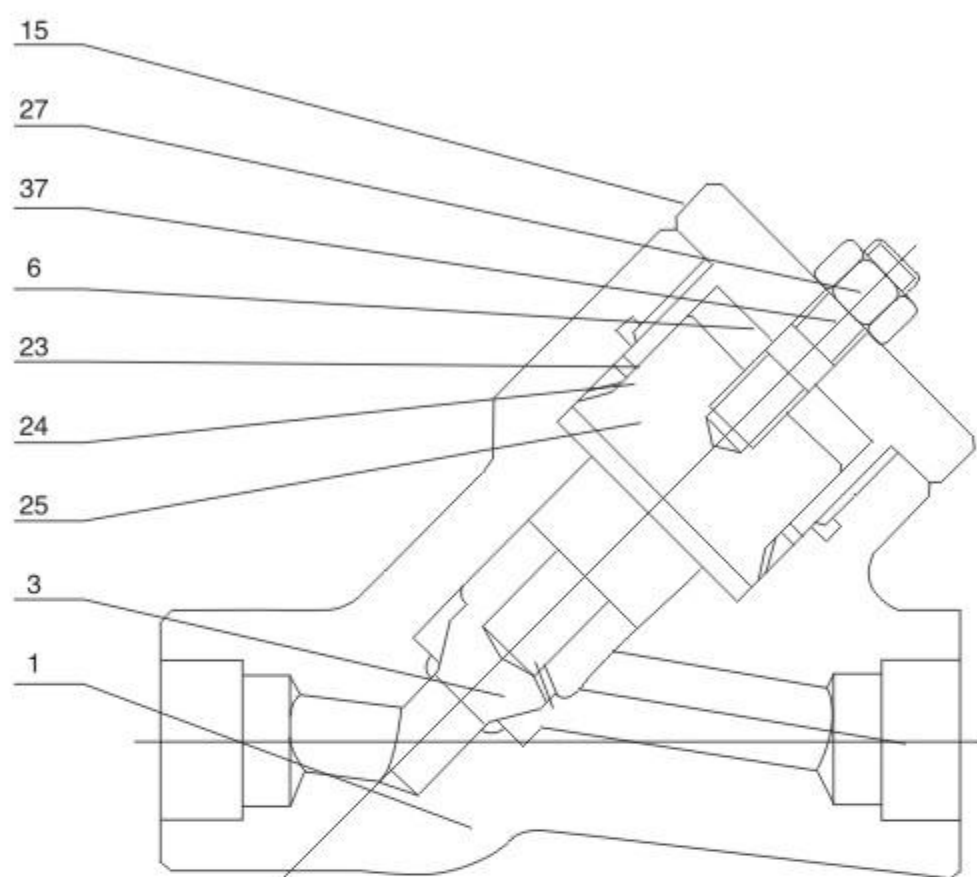
- 1、设计制造 Design and manufacture conform to BS5352 MSS SP-118;
- 2、连接端尺寸 Connection ends conform to :
 - 1) 承插口尺寸按Socket welded ends conform to ANSI B16.11:JB/T1751
 - 2) 螺纹端尺寸按 Screw ends conform to ANSI B1.20.1; JB/T7306
 - 3) 对焊端尺寸按 Butt-welded ends conform to ANSI B16.25; JB/T12224
 - 4) 法兰端尺寸按 Flanged ends conform to ANSI B16.5; JB79
- 3、阀门检查和试验 Test and inspection conform to: API 598; GB/T13927; JB/T9092
- 4、结构特征 Structure features: 螺栓连接阀盖(B.B) 焊接阀盖(W.B) Bolted bonnet, Welded bonnet
- 5、材料按 Materials conform to ANSI/ASTM的规定。
- 6、主体材料 Main materials; A105; LF2; F5; F11; F22; 304(L); 316(L); F347; F321; F51; Monel; 20 合金等 Alloy.

碳钢温压等级 Carbon steel temperature-pressure rate

CL1500-3705 P.S.I @ 100°F CL2500-6170 P.S.I @ 100°F CL4500-1111 P.S.I @ 100°F

典型零件材料表 Main part materials list

序号 NO.	零件名称 Part name	A105/F6a	A105/F6aHFS	LF2/304	F11/F6aHF	F304(L)/304(L)	F316(L)/316(L)	F51/F51
1	阀体 Body	A105	A105	LF2	F11	F304(L)	F316(L)	F51
3	阀瓣 Disc	410	410HF	304	410HF	304(L)	316(L)	F51
5	垫片 Gasket	304+柔性石墨 Flexible graphite	304+柔性石墨 Flexible graphite	304+柔性石墨 Flexible graphite	304+柔性石墨 Flexible graphite	304+柔性石墨 Flexible graphite	304+柔性石墨 Flexible graphite	304+柔性石墨 Flexible graphite
6	阀盖 Bonnet	A105	A105	LF2	F11	F304(L)	F316(L)	F51
7	螺栓 Bolt	B7	B7	L7	B16	B8(M)	B8(M)	B8(M)
15	铭牌 Nameplate	AL	AL	AL	AL	AL	AL	AL
32	铆钉 Rivet	AL	AL	AL	AL	AL	AL	AL
33	钢球 Steel ball	430	430	304	STL	316(L)	316(L)	STL



应用规范 Application standards

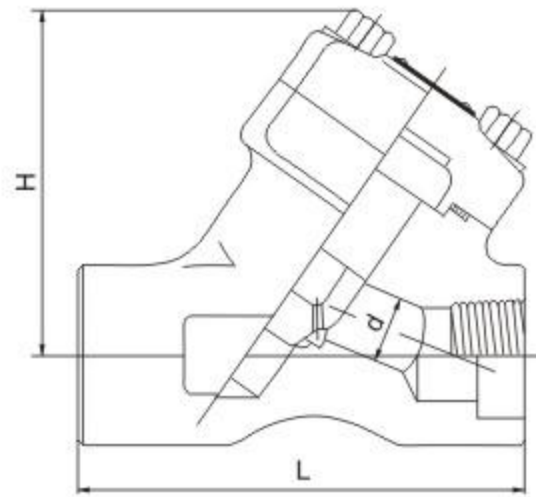
- 1、设计制造 Design and manufacture conform to ASME B16.34 MSS SP-118;
- 2、连接端尺寸 Connection ends conform to :
 - 1) 承插口尺寸按 Socket welded ends conform to ANSI B16.11:JB/T1751
 - 2) 螺纹端尺寸按 Screw ends conform to ANSI B1.20.1; JB/T7306
 - 3) 对焊端尺寸按 Butt-welded ends conform to ANSI B16.25; JB/T12224
 - 4) 法兰端尺寸按 Flanged ends conform to ANSI B16.5; JB79
- 3、阀门检查和试验 Test and inspection conform to: API 598; GB/T13927; JB/T9092
- 4、结构特征 Structure features: 螺纹连接阀盖压力自紧式密封; Y型或T型结构
A threaded and pressure seal bonnet; Y type and T type
- 5、材料按 Materials conform to ANSI/ASTM的规定。
- 6、主体材料 Main materials; A105; LF2; F5; F11; F22; 304(L); 316(L); F347; F321; F51; Monel; 20 合金等 Alloy.

碳钢温压等级 Carbon steel temperature-pressure rate

CL1500-3705 P.S.I @ 100°F CL2500-6170 P.S.I @ 100°F CL4500-1111 P.S.I @ 100°F

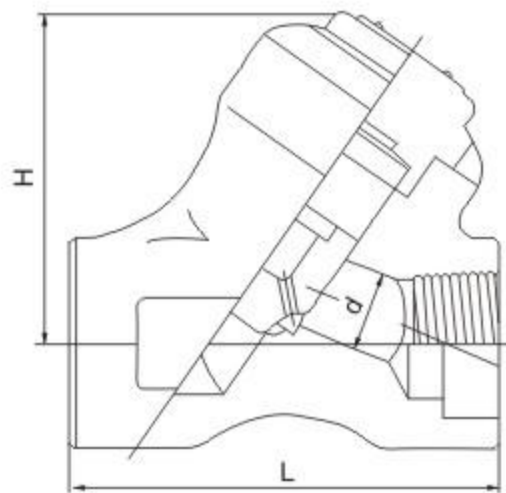
典型零件材料表 Main part materials list

序号 NO.	零件名称 Part name	A105/F6a	A105/F6aHFS	LF2/304	F11/F6aHF	F304(L)/304(L)	F316(L)/316(L)	F51/F51
1	阀体 Body	A105	A105+HF	Lf2	F11+HF	F304(L)	F316(L)	F51
3	阀瓣 Disc	F6a	F6a	F304	F6aHF	F304(L)	F316(L)	F51
6	阀盖 Bonnet	A105	A105	LF2	F11	F304(L)	F316(L)	F51
15	铭牌 Nameplate	AL	AL	AL	AL	AL	AL	AL
23	密封圈垫片 Seal ring gasket	420	420	304	304	304(L)	316(L)	410
24	自密封圈 P.S.ring	304	304	304	304	316L	316L	316L
25	自密封座 P.S.Seat	F410	F410	F304	F410	F304	F316	F51
27	提升螺母 Lift nut	2H	2H	8	8	8(M)	8(M)	8M
37	提升螺栓 Lift stud	B7	B7	L7	B16	B8(M)	B8(M)	B8M


CL800

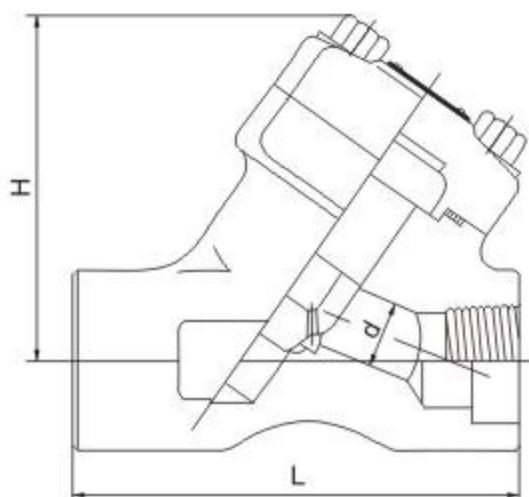
螺栓阀盖，缩径和全径，
 Welded bonnet, full port & reducing port
 末端连接为螺纹或承插焊或对焊，设计按BS5352
 Threaded, butt-welded or socket welded ends; design to BS5352

规格(NPS) SPecification	R.P	-	1/2	3/4	1	1 ¹ / ₄	1 ¹ / ₂	2	2 ¹ / ₂	3
	F.P	1/4	3/8	1/2	3/4	1	1 ¹ / ₄	1 ¹ / ₂	2	2 ¹ / ₂
结构长度(mm)Face to face	L	98	98	98	111	140	140	155	170	
中心高度(开)(mm) Height	H	70	70	70	100	110	120	120	150	
流道孔径(mm) Flow port dimension	d	7	10	13	17.5	23	30	35	46	
重量(kg) Weight		2.1	2.2	2.2	4.2	8.9	9	10	18.6	


CL800

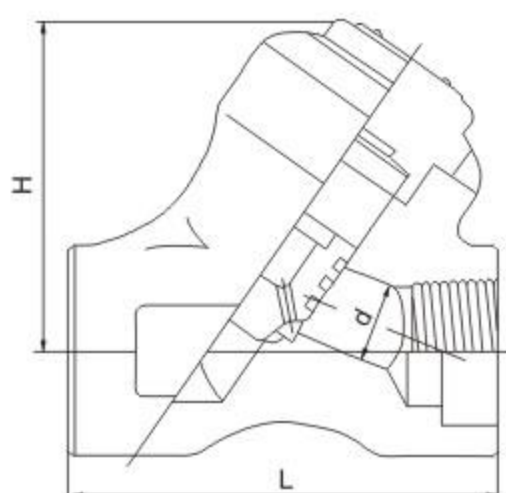
焊接阀盖，缩径和全径，
 Welded bonnet, full port & reducing port
 末端连接为螺纹或承插焊或对焊，设计按BS5352
 Threaded, butt-welded or socket welded ends; design to BS5352

规格(NPS) SPecification	R.P	-	1/2	3/4	1	1 ¹ / ₄	1 ¹ / ₂	2	2 ¹ / ₂	3
	F.P	1/4	3/8	1/2	3/4	1	1 ¹ / ₄	1 ¹ / ₂	2	2 ¹ / ₂
结构长度(mm)Face to face	L	79	79	92	100	140	140	155	170	
中心高度(开)(mm) Height	H	65	65	65	95	105	110	110	140	
流道孔径(mm) Flow port dimension	d	7	10	13	17.5	23	30	35	46	
重量(kg) Weight		1.8	1.8	2.0	3.5	8.0	8.0	12	16	


CL900-CL1500

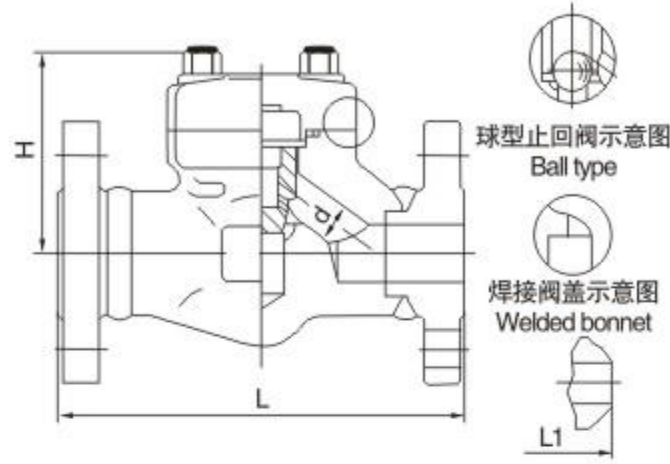
螺栓阀盖，全径。
 Bolted bonnet, full port
 末端连接为螺纹或承插焊或对焊，设计按BS5352
 Threaded, butt-welded or socket welded ends; design to BS5352

规格(NPS) SPecification	F.P	3/8	1/2	3/4	1	1 ¹ / ₄	1 ¹ / ₂	2
结构长度(mm)Face to face	L	98	111	111	140	140	155	170
中心高度(开)(mm) Height	H	70	70	100	110	110	120	150
流道孔径(mm) Flow port dimension	d	9	12	15	20	28	32	40
重量(kg) Weight		2.1	4.2	8.9	9	10	18.6	20


CL900-CL1500

焊接阀盖，全径。
 Welded bonnet, full port
 末端连接为螺纹或承插焊或对焊，设计按BS5352
 Threaded, butt-welded or socket welded ends; design to BS5352

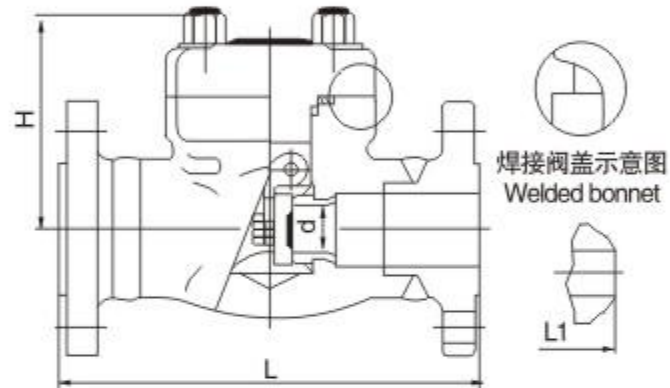
规格(NPS) SPecification	F.P	3/8	1/2	3/4	1	1 ¹ / ₄	1 ¹ / ₂	2
结构长度(mm)Face to face	L	92	100	100	140	140	155	170
中心高度(开)(mm) Height	H	65	65	65	105	110	110	140
流道孔径(mm) Flow port dimension	d	9	12	15	20	32	28	40
重量(kg) Weight		2.0	3.5	3.5	8.0	12	12	18



CL150-300-600

螺栓阀盖，缩径。
Bolted bonnet, reducing port
末端连接法兰或对焊，设计按BS5352
Flange-welded or butt-welded ends; design to BS5352

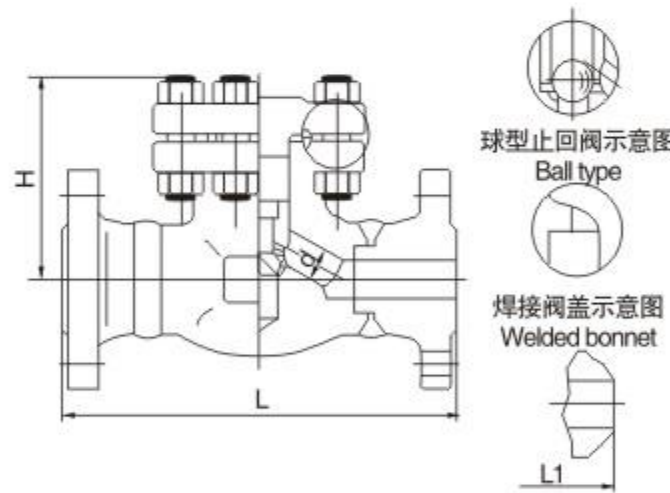
规格(NPS) Specification		R.P	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2
结构长度(mm) Face to face	CL150	L(RF) L1(BW)	-	-	108	118	127	140	165	203
	CL300		-	-	153	178	203	216	229	267
	CL600		-	-	165	191	216	229	241	292
中心高度(mm) Height	CL150	H	-	-	77	81	93	95	103	118
	CL300/600		-	-	61	78	84	101	120	133
流道孔径(mm) Flow port dimension		d	-	-	10	13	17.5	23	30	35
重量(kg) Weight	CL150	RF	-	-	3.6	4.6	8.5	9.2	12.5	14.8
		BW	-	-	3.0	3.6	7.6	8.5	11.3	13.6
	CL300	RF	-	-	3.7	4.8	8.8	9.6	13.7	17.8
		BW	-	-	3.2	4.3	8.0	8.6	12.7	16.2
	CL600	RF	-	-	4.0	5.8	9.5	10.4	15.6	24.5
		BW	-	-	3.4	5.1	8.8	9.2	14.8	22.5



CL150-300-600

螺栓阀盖，缩径。
Bolted bonnet, reducing port
末端连接法兰或对焊，设计按BS5352
Flange-welded or butt-welded ends; design to BS5352

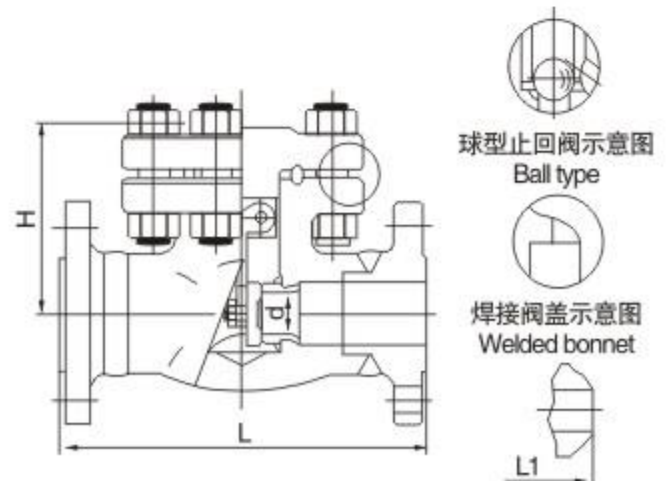
规格(NPS) Specification		R.P	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2
结构长度(mm) Face to face	CL150	L(RF) L1(BW)	-	-	108	118	127	140	165	203
	CL300		-	-	153	178	203	216	229	267
	CL600		-	-	165	191	216	229	241	292
中心高度(mm) Height	CL150	H	-	-	77	81	93	95	103	118
	CL300/600		-	-	61	78	84	101	120	133
流道孔径(mm) Flow port dimension		d	-	-	10.5	13.5	18	24	29	36.5
重量(kg) Weight	CL150	RF	-	-	3.6	4.6	8.5	9.2	12.5	14.8
		BW	-	-	3.0	3.6	7.6	8.5	11.3	13.6
	CL300	RF	-	-	3.7	4.8	8.8	9.6	13.7	17.8
		BW	-	-	3.2	4.3	8.0	8.6	12.7	16.2
	CL600	RF	-	-	4.0	5.8	9.5	10.4	15.6	24.5
		BW	-	-	3.4	5.1	8.8	9.2	14.8	22.5



CL150-300-600

螺栓阀盖，缩径。
Bolted bonnet, reducing port
末端连接法兰或对焊，设计按BS5352
Flange-welded or butt-welded ends; design to BS5352

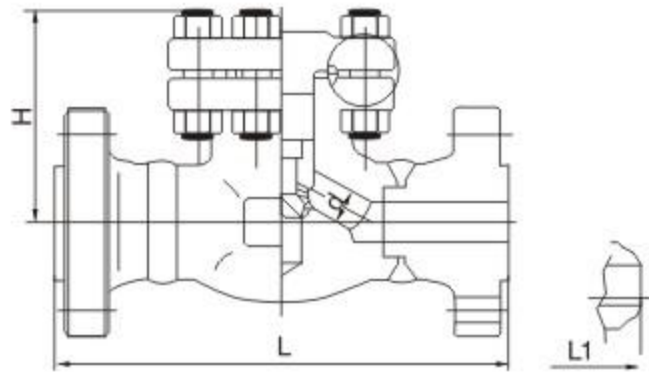
规格(NPS) Specification		R.P	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2
结构长度(mm) Face to face	CL150	L(RF) L1(BW)	-	-	108	118	127	140	165	203
	CL300		-	-	153	178	203	216	229	267
	CL600		-	-	165	191	216	229	241	292
中心高度(mm) Height	CL150	H	-	-	77	81	93	95	103	118
	CL300/600		-	-	61	78	84	101	120	133
流道孔径(mm) Flow port dimension		d	-	-	10	13	17.5	23	30	35
重量(kg) Weight	CL150	RF	-	-	3.2	3.5	4.6	5.2	7.0	16
		BW	-	-	2.8	3.0	4.0	4.6	6.3	15
	CL300	RF	-	-	4.6	6.1	9.1	12	16	21
		BW	-	-	4.1	5.7	8.4	11.2	14.5	19.5
	CL600	RF	-	-	4.8	6.3	9.3	13	16.5	22
		BW	-	-	4.4	5.9	8.7	12.1	15.8	20.8



CL150-300-600

螺栓阀盖，缩径。
Bolted bonnet, reducing port
末端连接法兰或对焊，设计按BS5352
Flange-welded or butt-welded ends; design to BS5352

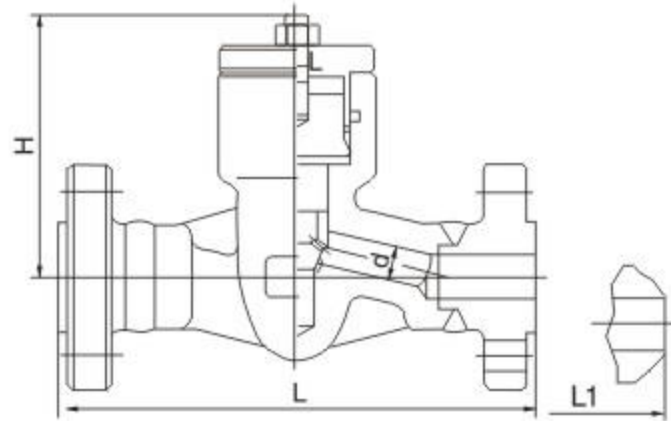
规格(NPS) Specification		R.P	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2
结构长度(mm) Face to face	CL150	L(RF) L1(BW)	-	-	108	118	127	140	165	203
	CL300		-	-	153	178	203	216	229	267
	CL600		-	-	165	191	216	229	241	292
中心高度(mm) Height	CL150	H	-	-	77	81	93	95	103	118
	CL300/600		-	-	61	78	84	101	120	133
流道孔径(mm) Flow port dimension		d	-	-	10.5	13.5	18	24	29	36.5
重量(kg) Weight	CL150	RF	-	-	3.6	4.6	8.5	9.2	12.5	14.8
		BW	-	-	3.0	3.6	7.6	8.5	11.3	13.6
	CL300	RF	-	-	3.7	4.8	8.8	9.6	13.7	17.8
		BW	-	-	3.2	4.3	8.0	8.6	12.7	16.2
	CL600	RF	-	-	4.0	5.8	9.5	10.4	15.6	24.5
		BW	-	-	3.4	5.1	8.8	9.2	14.8	22.5


 球型止回阀示意图 旋启式止回阀示意图 焊接阀盖示意图
 Ball type Swing type Welded bonnet

 螺栓连接阀盖，全径。
 Bolted bonnet, full port
 末端连接法兰或对焊，设计按BS5352
 Flange-welded or butt-welded ends; design to BS5352

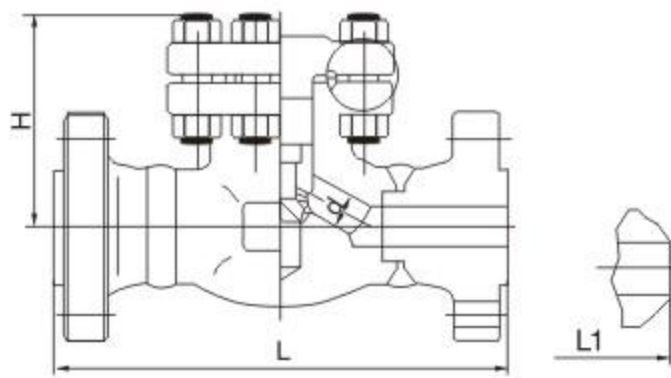
CL900-CL1500

规格(NPS) Specification	F.P	1/2	3/4	1	1 ¹ / ₄	1 ¹ / ₂	2	
结构长度(mm) Face to face	L(RJ) / L1(BW)	216	229	254	280	305	371	
中心高度(开)(mm) Height	H	81	93	95	101	118	130	
流道孔径 (mm) Flow port dimension	d	升降式 Lift	12	15	20	28	32	40
		旋启式 Swing	13.5	18	24	29	36.5	45
重量(kg) Weight		升降式 Lift	5.2	6.8	10.5	28	18	24
		旋启式 Swing	5.0	6.1	10.8	29	17.6	27


 压力自紧式，螺纹连接阀盖，缩径和全径，
 Pressure seal, bonnet, full port
 末端连接法兰或对焊，设计按BS5352
 Flange-welded or butt-welded ends; design to BS5352

CL900-CL1500

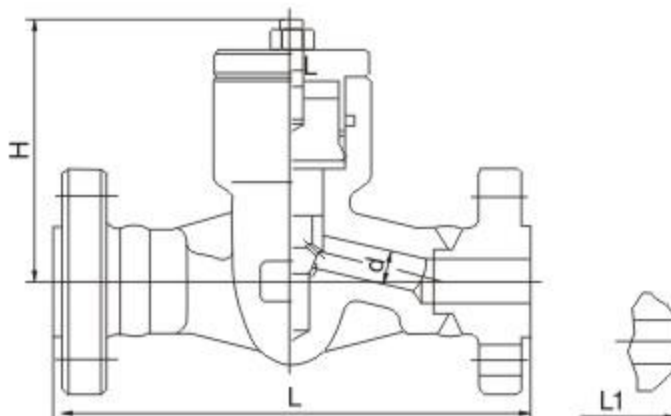
规格(NPS) Specification	F.P	3/8	1/2	3/4	1	1 ¹ / ₄	1 ¹ / ₂	2
结构长度(mm) Face to face	L(RJ) / L1(BW)		216	229	254	280	305	268
中心高度(开)(mm) Height	L(RTJ)		216	229	254	280	305	371
流道孔径 (mm) Flow port dimension	H		117	117	117	152	152	195
		d		12	15	20	28	32
重量(kg) Weight			10.5	11.9	13.9	19.9	26.9	32.5


 球型止回阀示意图 旋启式止回阀示意图 焊接阀盖示意图
 Ball type Swing type Welded bonnet

 螺栓阀盖，全径。
 Bolted bonnet, full port
 末端连接法兰或对焊，设计按ASME B16.34
 Flange-welded or butt-welded ends; design to ASME B16.34

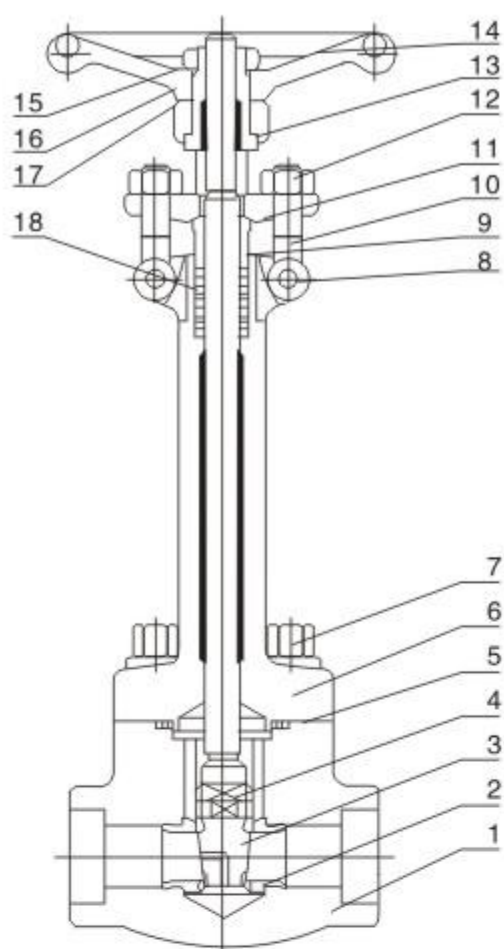
CL2500

规格(NPS) Specification	F.P	1/2	3/4	1	1 ¹ / ₄	1 ¹ / ₂	2	
结构长度(mm) Face to face	L(RJ) / L1(BW)	264	273	308	349	384	450	
	L(RTJ)	264	273	308	352	387	454	
中心高度(开)(mm) Height	H	81	93	95	101	118	130	
流道孔径 (mm) Flow port dimension	d	升降式 Lift	12	15	20	28	32	40
		旋启式 Swing	10.5	13.5	18	24	29	36.5
重量(kg) Weight		升降式 Lift	17	21	28	14.5	58	85
		旋启式 Swing	5.0	6.1	10.8	11.2	17.6	27


 压力自紧式密封，螺纹连接阀盖，全径。
 Pressure seal, bolted bonnet, full port
 末端连接为法兰或对焊，设计按ASME B16.34
 Flange-welded or butt-welded ends; design to ASME B16.34

CL2500

规格(NPS) Specification	F.P	3/8	1/2	3/4	1	1 ¹ / ₄	1 ¹ / ₂	2
结构长度(mm) Face to face	L(RJ) / L1(BW)		264	273	308	349	384	450
中心高度(开)(mm) Height	L(RTJ)		264	273	308	352	387	454
流道孔径 (mm) Flow port dimension	H		117	117	117	152	152	195
		d		12	15	20	32	28
重量(kg) Weight			12.6	14.9	16.5	24.8	30	35



应用规范 Application standards

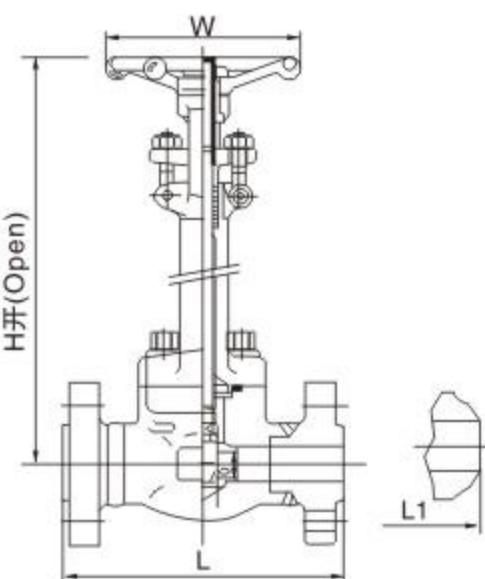
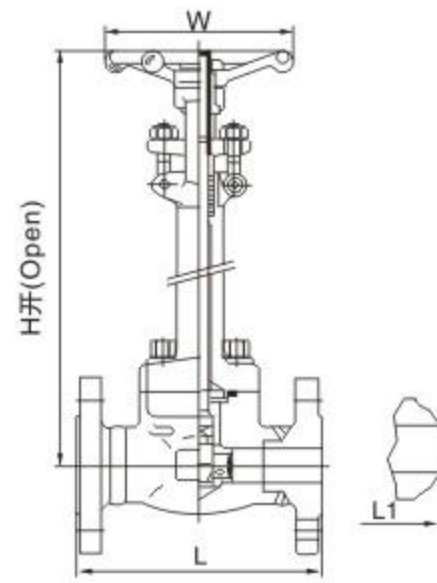
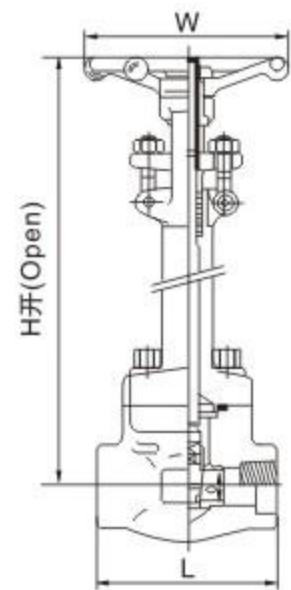
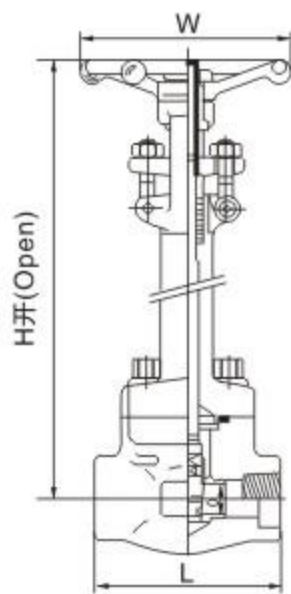
- 设计制造 Design and manufacture conform to API 602 BS5352 ANSI B16.34;
- 连接端尺寸 Connection ends conform to :
 - 承插口尺寸按 Socket welded ends conform to ANSI B16.11:JB/T1751
 - 螺纹端尺寸按 Screw ends conform to ANSI B1.20.1; JB/T7306
 - 对焊端尺寸按 Butt-welded ends conform to ANSI B16.25; JB/T12224
 - 法兰端尺寸按 Flanged ends conform to ANSI B16.5; JB79
- 阀门检查和试验 Test and inspection conform to: API 598; GB/T13927; JB/T9092
- 结构特征 Structure features:
螺栓连接阀盖(B.B)和明杆支架(OS & Y)
Bolted bonnet, outside screw and yoke
或焊接阀盖(W.B)和明杆支架(OS & Y)
Welded bonnet, outside screw and yoke
- 材料按 Materials conform to ANSI/ASTM的规定。
- 主体材料 Main materials;
LF2; LF3; 304(L); 316(L); F347;
F321; F51;

碳钢温压等级 Carbon steel temperature-pressure rate

CL150-285 P.S.I @ 100°F CL300-740 P.S.I @ 100°F CL600-1480 P.S.I @ 100°F CL800-1975 P.S.I @ 100°F CL1500-3705 P.S.I @ 100°F

典型零件材料表 Main part materials list

序号 NO.	零件名称 Part name	A105/F6a	A105/F6aHFS	LF2/304	LF3/304	F304(L)/304(L)	F316(L)/316(L)	F51/F51
1	阀体 Body	-	-	LF2	Lf3	F304(L)	F316(L)	F51
2	座圈 Seat ring	-	-	304	304	304(L)	316(L)	F51
3	闸板 Wedge disc	-	-	F304	F304	F304(L)	F316(L)	F51
4	阀杆 Stem	-	-	304	F304	304(L)	316(L)	F51
5	垫片 Gasket	-	-	304+柔性石墨 Flexible graphite	304+柔性石墨 Flexible graphite	304+柔性石墨 Flexible graphite	316+柔性石墨 Flexible graphite	316+柔性石墨 Flexible graphite
6	阀盖 Bonnet	-	-	LF2	LF3	F304(L)	F316(L)	F51
7	螺栓 Bolt	-	-	L7	L7	B8	B8	B8
8	销 Pin	-	-	410	410	304	304	304
9	填料压套 Gland	-	-	304	304	304	316	F51
10	活节螺栓 Gland eyebolt	-	-	L7	L7	B8(M)	B8(M)	B8M
11	填料压板 Gland flange	-	-	LF2	LF3	F304	F304	F304
12	六角螺母 Hex nut	-	-	2H	2H	8(M)	8(M)	8M
13	阀杆螺母 Stem nut	-	-	410	410	410	410	410
14	锁紧螺母 Locking nut	-	-	35	35	35	35	35
15	铭牌 Nameplate	-	-	AL	AL	AL	AL	AL
16	手轮 Handwheel	-	-	A197	A197	A197	A197	A197
17	润滑垫片 Lubricating gasket	-	-	410	410	410	410	410
18	填料 Packing	-	-	石墨 Graphite	石墨 Graphite	石墨 Graphite	石墨 Graphite	石墨 Graphite



螺栓连接低温加长阀盖，缩径和全径，明杆支架 (OS & Y)
Bolted bonnet cryogenic extended bonnet full port & reduced port, OS & Y
末端连接可按螺纹或承插焊或对焊，设计按API 602
Threaded, butt-welded or socket welded ends; design to API 602

CL800

规格(NPS) Specification	缩径(R.P)	-	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3
	全径(F.P)	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2
结构长度(mm) Face to face	L	79	79	92	111	120	120	140	178	180
手轮直径(mm) Handwheel diameter	W	100	100	100	125	160	160	180	200	220
中心高度(开)(mm) Height	H	-196	291	291	293	340	375	400	450	490
		-46	255	255	258	290	325	265	395	440
流道孔径(mm) Flow port dimension	d	7.5	10.5	13.5	18	24	29	36.5	45	51
重量 Weight (Kg)		3.5	3.5	4.3	6.7	10.9	12	14.8	28	36

螺栓连接低温加长阀盖，缩径和全径，明杆支架 (OS & Y)
Bolted bonnet cryogenic extended bonnet full port & reduced port, OS & Y
末端连接可按螺纹或承插焊或对焊，设计按API 602
Threaded, butt-welded or socket welded ends; design to API 602

CL1500

规格(NPS) Specification	缩径(R.P)	-	3/8	1	1 1/4	1 1/2	2	2 1/2
	全径(F.P)	1/4	3/8	3/4	1	1 1/4	1 1/2	2
结构长度(mm) Face to face	L	79	111	120	120	140	178	180
手轮直径(mm) Handwheel diameter	W	100	125	160	160	180	200	220
中心高度(开)(mm) Height	H	-196	321	322	359	399	446	480
		-46	285	287	309	343	396	420
流道孔径(mm) Flow port dimension	d	7.5	10.5	18	24	29	36.5	45
重量 Weight (Kg)		3.5	6.7	11	12.3	15.8	28	45

螺栓连接低温加长阀盖，缩径，明杆支架 (OS & Y)
Bolted bonnet cryogenic extended bonnet, reduced port, OS & Y
末端连接为焊接法兰或对焊连接，设计按API 602
Flanged or butt welded ends; design to API 602

CL150-300-600

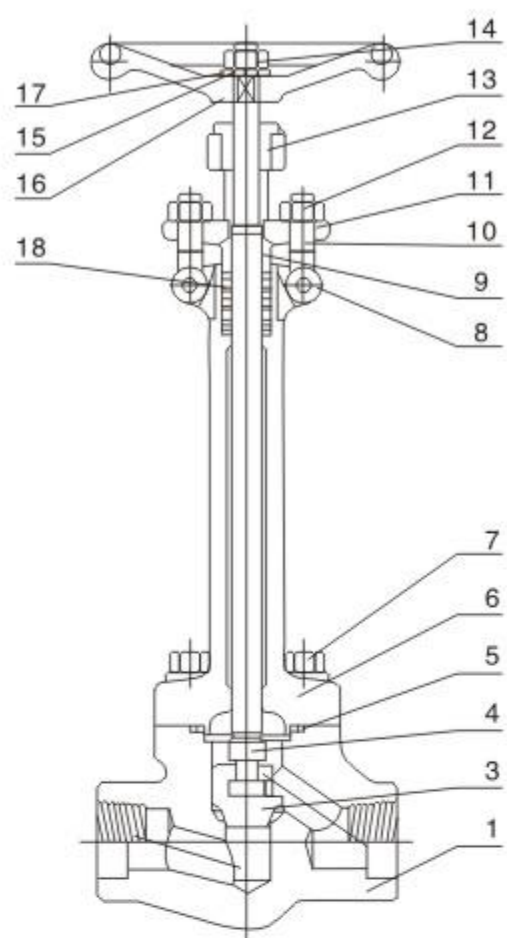
规格(NPS) Specification			1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2
结构长度(mm) Face to face	CL150	L(RF)	-	-	108	118	127		165	178
	CL300	L1(BW)	-	-	140	153	165		191	216
	CL600		-	-	165	191	216		241	292
手轮直径(mm) Handwheel diameter	W		-	-	100	100	125	160	160	180
中心高度(开)(mm) Height	-196	H	-	-	321	322	359	399	446	480
	-46		-	-	285	287	309	343	396	420
流道孔径(mm) Flow port dimension	d		-	-	10.5	13.5	18	24	29	36.5
重量 Weight (Kg)	CL150	RF	-	-	5.0	5.5	8.8	13.5	15	20.3
		BW	-	-						
	CL300	RF	-	-	5.8	7.3	9.7	12.5	19.5	22.3
		BW	-	-						
	CL600	RF	-	-	6.0	8	11.2	13.5	21.5	24.8
		BW	-	-						

螺栓连接阀盖，缩径，明杆支架 (OS & Y)
Bolted bonnet cryogenic extended bonnet, full port, OS & Y
末端连接可按螺纹或承插焊或对焊，设计按API 602
Flanged or butt welded ends; design to API 602

CL1500

规格(NPS) Specification	缩径(R.P)	-	1/2	3/4	1	1 1/4	1 1/2	2
结构长度(mm) Face to face	L		216	229	254	279	325	368
手轮直径(mm) Handwheel diameter	W		125	125	160	160	180	200
中心高度(开)(mm) Height	H	-196°C		321	322	359	399	446
		-46°C		285	287	309	343	396
流道孔径(mm) Flow port dimension	d		10.5	13.5	18	24	29	36.5
重量 Weight (Kg)			14	23	25.3	35.7	47	72

注：如需法兰和阀体一体式锻造的请与持胜销售人员联系。
Flange Integrity Forged Steel Valve enquiry please contact sales department.



应用规范 Application standards

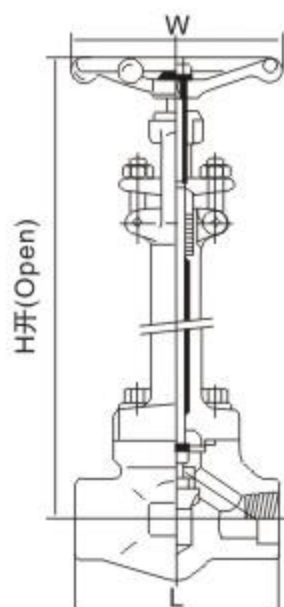
- 1、设计制造 Design and manufacture conform to API 602 BS5352 ANSI B16.34;
- 2、连接端尺寸 Connection ends conform to :
 - 1) 承插口尺寸按 Socket welded ends conform to ANSI B16.11:JB/T1751
 - 2) 螺纹端尺寸按 Screw ends conform to ANSI B1.20.1; JB/T7306
 - 3) 对焊端尺寸按 Butt-welded ends conform to ANSI B16.25; JB/T12224
 - 4) 法兰端尺寸按 Flanged ends conform to ANSI B16.5; JB79
- 3、阀门检查和试验 Test and inspection conform to: API 598; GB/T13927; JB/T9092
- 4、结构特征 Structure features:
螺栓连接阀盖(B.B)和明杆支架(OS & Y)
Bolted bonnet, outside screw and yoke
或焊接阀盖(W.B)和明杆支架(OS & Y)
Welded bonnet, outside screw and yoke
- 5、材料按 Materials conform to ANSI/ASTM的规定。
- 6、主体材料 Main materials;
LF2; LF3; 304(L); 316(L); F347;
F321; F51; Monel; 20 合金等 Alloy.

碳钢温压等级 Carbon steel temperature-pressure rate

CL150-285 P.S.I @ 100°F CL300-740 P.S.I @ 100°F CL600-1480 P.S.I @ 100°F CL800-1975 P.S.I @ 100°F CL1500-3705 P.S.I @ 100°F

典型零件材料表 Main part materials list

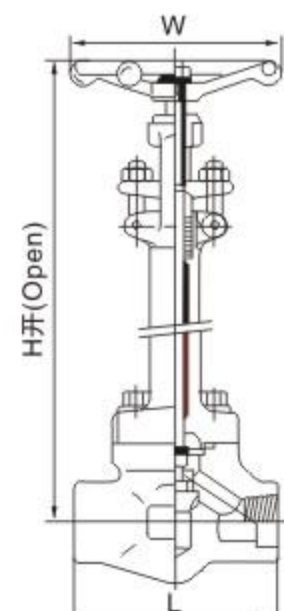
序号 NO.	零件名称 Part name	A105/F6a	A105/F6aHFS	LF2/304	LF3/304	F304(L)/304(L)	F316(L)/316(L)	F51/F51
1	阀体 Body	-	-	Lf2	Lf3	F304(L)	F316(L)	F51
2	座圈 Seat ring	-	-	304	304	304(L)	316(L)	F51
3	闸板 Wedge disc	-	-	F304	F304	F304(L)	F316(L)	F51
4	阀杆 Stem	-	-	304	304	304(L)	316(L)	F51
5	垫片 Gasket	-	-	304+柔性石墨 Flexible graphite	304+柔性石墨 Flexible graphite	304+柔性石墨 Flexible graphite	316+柔性石墨 Flexible graphite	316+柔性石墨 Flexible graphite
6	阀盖 Bonnet	-	-	LF2	LF3	F304(L)	F316(L)	F51
7	螺栓 Bolt	-	-	L7	L7	B8	B8	B8
8	销 Pin	-	-	410	410	304	304	304
9	填料压套 Gland	-	-	304	304	304	316	F51
10	活节螺栓 Gland eyebolt	-	-	L7	L7	B8(M)	B8(M)	B8M
11	填料压板 Gland flange	-	-	LF2	LF3	F304	F304	F304
12	六角螺母 Hex nut	-	-	2H	2H	8(M)	8(M)	8M
13	阀杆螺母 Stem nut	-	-	410	410	410	410	410
14	锁紧螺母 Locking nut	-	-	35	35	35	35	35
15	铭牌 Nameplate	-	-	AL	AL	AL	AL	AL
16	手轮 Handwheel	-	-	A197	A197	A197	A197	A197
17	润滑垫片 Lubricating gasket	-	-	410	410	410	410	410
18	填料 Packing	-	-	石墨 Graphite	石墨 Graphite	石墨 Graphite	石墨 Graphite	石墨 Graphite



螺栓连接低温加长阀盖, 缩径和全径, 明杆支架 (OS & Y)
 Bolted bonnet cryogenic extended bonnet full port & reduced port, OS & Y
 末端连接可按螺纹或承插焊, 设计按BS352
 Threaded or socket welded ends; design to BS352

CL800

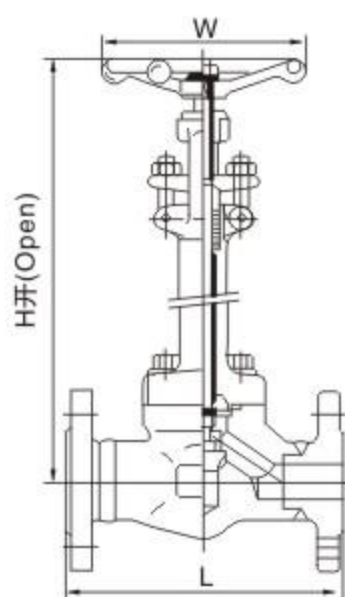
规格(NPS) Specification	缩径(R.P)	-	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	4
	全径(F.P)	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3
结构长度(mm) Face to face	L	79	79	92	111	120	152	172	220	252	305
手轮直径(mm) Handwheel diameter	W	100	100	100	125	160	160	180	220	300	400
中心高度(开)(mm) Height	H	-196℃ -101℃	390	390	415	430	460	490	505	570	
		-46℃	350	350	400	410	425	450	480	540	
流道孔径(mm) Flow port dimension	d	7.0	9.0	13	17.5	23	30	35	42	52	68
重量 Weight (Kg)		7.2	7.2	7.2	9.5	10.8	13.5	19.8	29		



螺栓连接低温加长阀盖, 缩径和全径, 明杆支架 (OS & Y)
 Bolted bonnet cryogenic extended bonnet full port & reduced port, OS & Y
 末端连接可按螺纹或承插焊, 设计按BS352
 Threaded or socket welded ends; design to BS352

CL1500

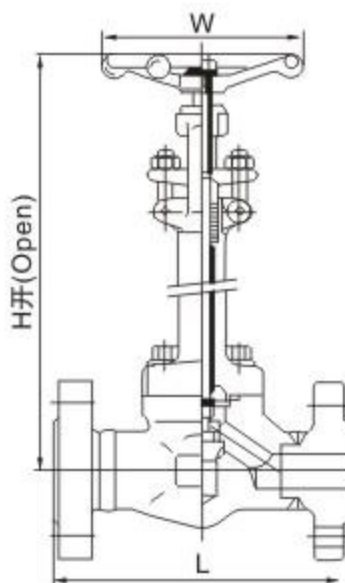
规格(NPS) Specification	缩径(R.P)	-	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	
	全径(F.P)	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2	
结构长度(mm) Face to face	L	92	111	111	120	152	172	220	-	
手轮直径(mm) Handwheel diameter	W	100	125	125	160	160	180	220	-	
中心高度(开)(mm) Height	H	-196℃ -101℃	370	370	370	410	410	474	546	-
		-46℃	350	350	400	410	425	450	480	-
流道孔径(mm) Flow port dimension	d	9	12	15	20	28	32	40	-	
重量 Weight (Kg)		7.2	9.5	9.5	10.8	13.5	19.8	29	-	



螺栓连接低温加长阀盖, 缩径, 明杆支架 (OS & Y)
 Bolted bonnet cryogenic extended bonnet, reduced port, OS & Y
 末端连接为焊接法兰或对焊连接, 设计按API 602
 Flanged or butt welded ends; design to API 602

CL150-300-600

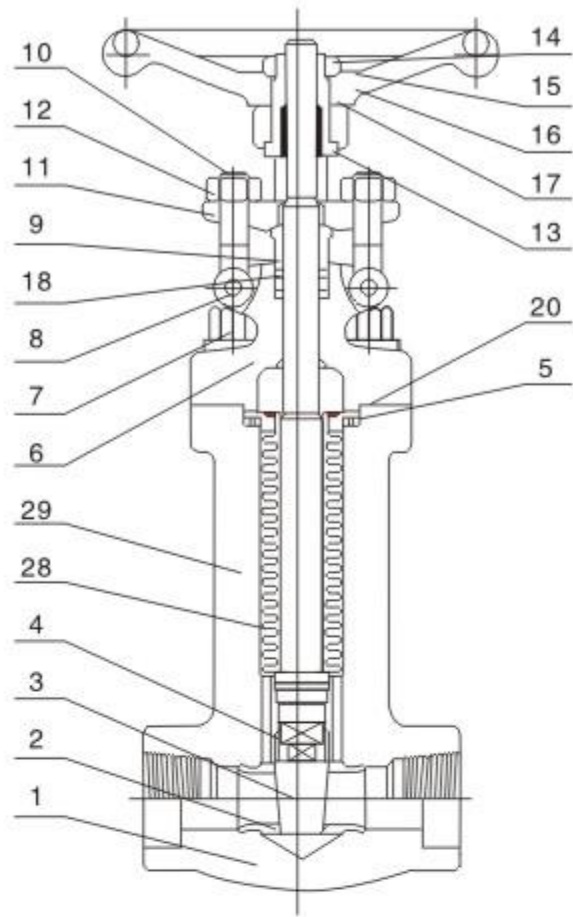
规格(NPS) Specification		缩径(R.P)	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2
结构长度(mm) Face to face	L(RF) L1(BW)	CL150	-	-	108	118	127	-	165	203
		CL300	-	-	153	178	203	-	229	267
		CL600	-	-	165	191	216	-	241	292
手轮直径(mm) Handwheel diameter	W	-	-	100	100	125	-	160	180	
中心高度(开)(mm) Height	H	-196℃ -101℃	-	-	390	415	430	-	490	505
		-46℃	-	-	350	400	410	-	450	480
流道孔径(mm) Flow port dimension	d	-	-	9.0	13	17.5	-	30	35	
重量 Weight (Kg)		CL150	-	-	5	5.8	8.6	-	13.8	24.3
		CL300	-	-	5.8	6.8	10.3	-	19.3	25.8
		CL600	-	-	6.3	7.3	10.6	-	20.3	26.8



螺栓连接低温加长阀盖, 缩径, 明杆支架 (OS & Y)
 Bolted bonnet cryogenic extended bonnet, reduced port, OS & Y
 末端连接可按螺纹或承插焊, 设计按BS5352
 Flanged or butt welded ends; design to BS5352

CL1500

规格(NPS) Specification	(F.P)	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2	
结构长度(mm) Face to face	L(RF)	-	-	216	229	254	280	305	368	
手轮直径(mm) Handwheel diameter	W	-	-	125	125	160	160	180	200	
中心高度(开)(mm) Height	H	-196℃ -101℃	-	-	370	370	410	410	474	546
		-46℃	-	-	350	400	410	425	450	480
流道孔径(mm) Flow port dimension	d	-	-	12	15	20	28	32	40	



应用规范 Application standards

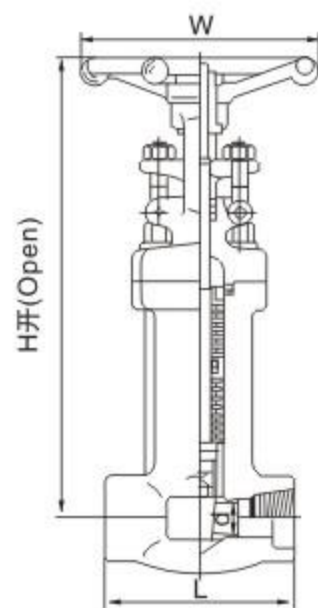
- 设计制造 Design and manufacture conform to API 602; MSS-SP-117
- 连接端尺寸 Connection ends conform to :
 - 承插口尺寸按 Socket welded ends conform to ANSI B16.11; JB/T1751
 - 螺纹端尺寸按 Screw ends conform to ANSI B1.20.1; JB/T7306
 - 对焊端尺寸按 Butt-welded ends conform to ANSI B16.25; JB/T12224
 - 法兰端尺寸按 Flanged ends conform to ANSI B16.5; JB79
- 阀门检查和试验 Test and inspection conform to: API 598; GB/T13927; JB/T9092
- 结构特征 Structure features:
螺栓连接阀盖(B.B)和明杆支架(OS & Y)
Bolted bonnet, outside screw and yoke
或焊接阀盖(W.B)和明杆支架(OS & Y)
Welded bonnet, outside screw and yoke
- 材料按 Materials conform to ANSI/ASTM的规定。
- 主要材料 Main materials;
A105 304(L); 316(L); F347; F321;
- 主体材料 Bellow materials:
304; 321; 316; Inconel 625; Hastelloy C 276; Mone等.

碳钢温压等级 Carbon steel temperature-pressure rate

CL150-285 P.S.I @ 100°F CL300-740 P.S.I @ 100°F CL600-1480 P.S.I @ 100°F CL800-1975 P.S.I @ 100°F CL1500-3705 P.S.I @ 100°F

典型零件材料表 Main part materials list

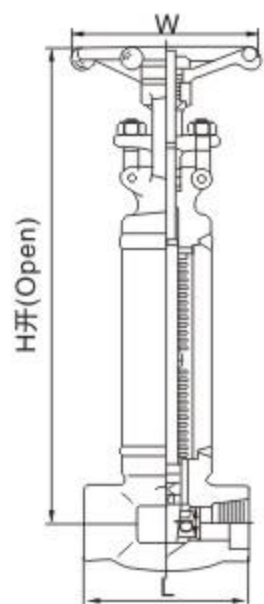
序号 NO.	零件名称 Part name	A105/F6a	A105/F6aHFS	A105/F6aHF	F304(L)/304(L)	F316(L)/316(L)
1	阀体 Body	A105	A105	A105	F304(L)	F316(L)
2	座圈 Seat ring	410	410HF	410HF	304(L)	316(L)
3	闸板 Wedge disc	F6a	F6a	F6aHF	F304(L)	F316(L)
4	阀杆 Stem	410	410	410	304(L)	316(L)
5	垫片 Gasket	304+柔性石墨 Flexible graphite	304+柔性石墨 Flexible graphite	304+柔性石墨 Flexible graphite	304+柔性石墨 Flexible graphite	304+柔性石墨 Flexible graphite
6	阀盖 Bonnet	A105	A105	A105	F304(L)	F316(L)
7	螺栓 Bolt	B7	B7	B7	B8	B8
8	销 Pin	410	410	410	304	304
9	填料压套 Gland	410	410	410	304	316
10	活节螺栓 Gland eyebolt	B7	B7	B7	B8(M)	B8(M)
11	填料压板 Gland flange	A105	A105	A105	F304	F304
12	六角螺母 Hex nut	2H	2H	2H	8(M)	8(M)
13	阀杆螺母 Stem nut	410	410	410	410	410
14	锁紧螺母 Locking nut	35	35	35	35	35
15	铭牌 Nameplate	AL	AL	AL	AL	AL
16	手轮 Handwheel	A197	A197	A197	A197	A197
17	润滑垫片 Lubricating gasket	410	410	410	410	410
18	填料 Packing	石墨 Graphite	石墨 Graphite	石墨 Graphite	石墨 Graphite	石墨 Graphite
20	垫片 Gasket	304+柔性石墨 Flexible graphite	304+柔性石墨 Flexible graphite	304+柔性石墨 Flexible graphite	304+柔性石墨 Flexible graphite	304+柔性石墨 Flexible graphite
28	波纹管 Bellow	F321	F321	F321	F316L	F316L



螺栓连接阀盖, 缩径和全径, 明杆支架 (OS&Y)
Bolted bonnet full port &, reducing port outside screw and yoke(OS &Y)
末端连接为螺纹或承插焊或对焊, 设计按API 602、MSS-SP-117
Threaded butt-welded or socket welded ends; design to API 602/MSS-SP-117

CL800

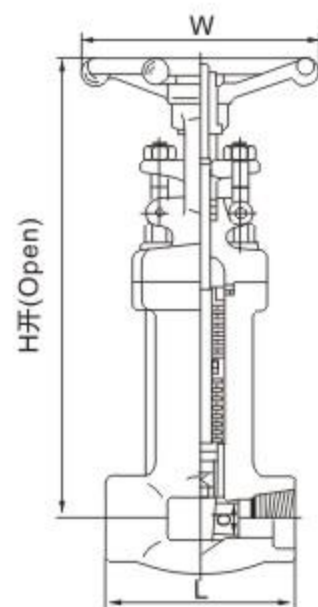
规格(NPS) Specification	R.P	1/2	3/4	1	1 ¹ / ₄	1 ¹ / ₂	2
	F.P	1/4	3/8	1/2	3/4	1	1 ¹ / ₄
结构长度(mm)Face to face	L	79	79	92	111	120	140
手轮直径(mm) Handwheel diameter	W	100	100	100	125	160	180
中心高度(开)(mm) Height	H	255	255	285	345	445	594
流道孔径 (mm) Flow port dimension	d	7.5	10.5	13.5	18	24	29
重量 Weight (Kg)		3.0	3.0	3.3	5.9	8.7	16.2



焊接阀盖, 缩径和全径, 明杆支架 (OS&Y)
Welded bonnet full port &, reducing port outside screw and yoke(OS &Y)
末端连接为螺纹或承插焊或对焊, 设计按API 602、MSS-SP-117
Threaded butt-welded or socket welded ends; design to API 602/MSS-SP-117

CL800

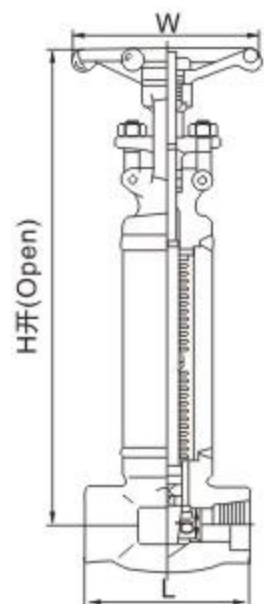
规格(NPS) Specification	R.P	1/2	3/4	1	1 ¹ / ₄	1 ¹ / ₂	2
	F.P	1/4	3/8	1/2	3/4	1	1 ¹ / ₄
结构长度(mm)Face to face	L	79	79	92	111	120	140
手轮直径(mm) Handwheel diameter	W	100	100	100	125	160	180
中心高度(开)(mm) Height	H	248	548	777	335	437	585
流道孔径 (mm) Flow port dimension	d	7.5	10.5	13.5	18	24	29
重量 Weight (Kg)		2.9	2.9	3.2	4.6	7.2	15.5



螺栓阀盖, 缩径和全径, 明杆支架 (OS&Y)
Bolted bonnet full port &, reducing port outside screw and yoke(OS &Y)
末端连接为螺纹或承插焊或对焊, 设计按API 602、MSS-SP-117
Threaded butt-welded or socket welded ends; design to API 602/MSS-SP-117

CL1500

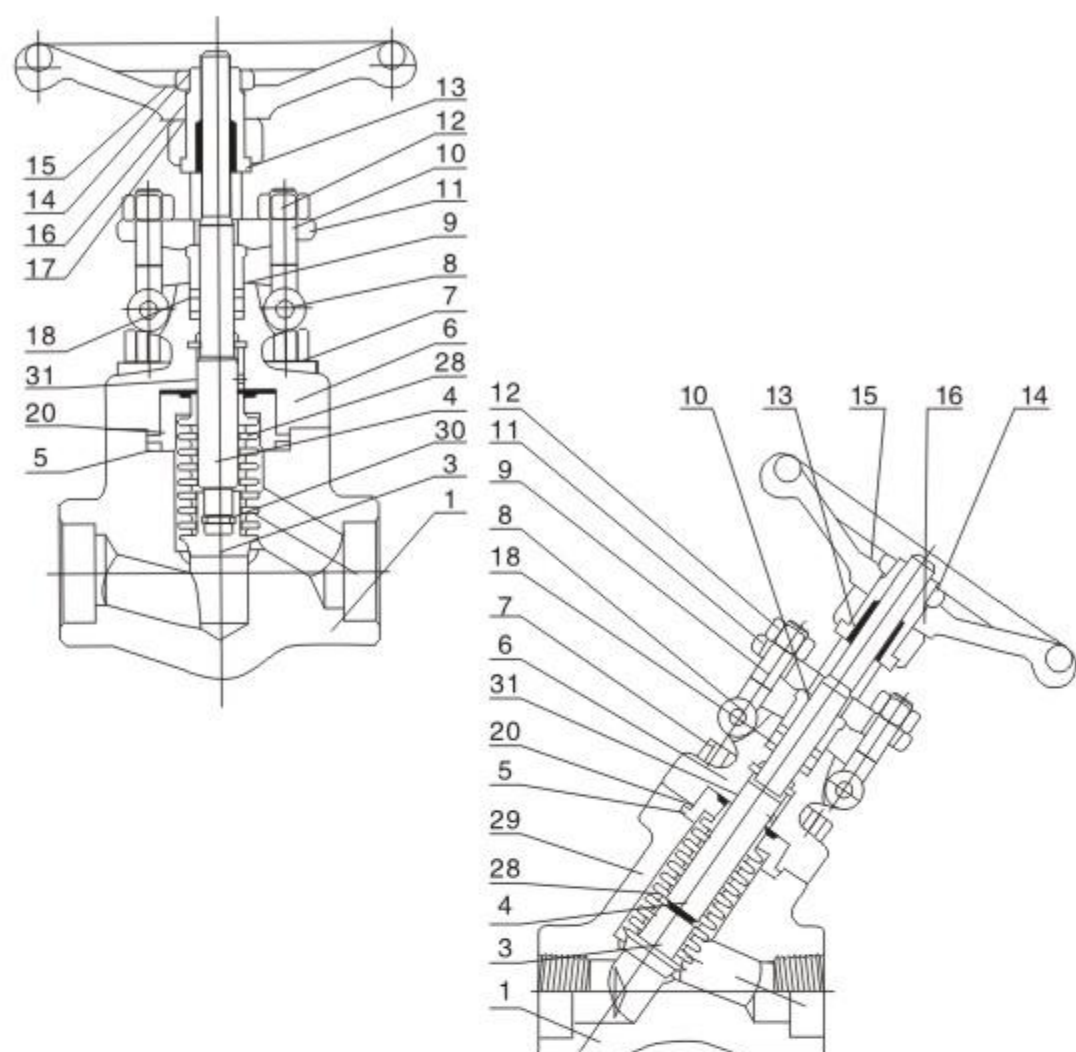
规格(NPS) Specification	R.P	1/2	3/4	1	1 ¹ / ₄	1 ¹ / ₂	2
	F.P	1/4	3/8	1/2	3/4	1	1 ¹ / ₄
结构长度(mm)Face to face	L	79	111	111	120	140	178
手轮直径(mm) Handwheel diameter	W	100	125	125	160	180	180
中心高度(开)(mm) Height	H	294	264	320	379	607	636
流道孔径 (mm) Flow port dimension	d	7.5	10.5	13.5	18	24	29
重量 Weight (Kg)		3.1	5.1	5.1	9.0	10.5	21



焊接阀盖, 缩径和全径, 明杆支架 (OS&Y)
Welded bonnet full port &, reducing port outside screw and yoke(OS &Y)
末端连接为螺纹或承插焊或对焊, 设计按API 602、MSS-SP-117
Threaded butt-welded or socket welded ends; design to API 602/MSS-SP-117

CL1500

规格(NPS) Specification	R.P	1/2	3/4	1	1 ¹ / ₄	1 ¹ / ₂	2
	F.P	1/4	3/8	1/2	3/4	1	1 ¹ / ₄
结构长度(mm)Face to face	L	79	111	111	120	140	178
手轮直径(mm) Handwheel diameter	W	100	125	125	160	180	180
中心高度(开)(mm) Height	H	287	287	312	368	595	627
流道孔径 (mm) Flow port dimension	d	7.5	10.5	13.5	18	24	29
重量 Weight (Kg)		2.9	4.7	4.7	5.7	7.4	19



应用规范 Application standards

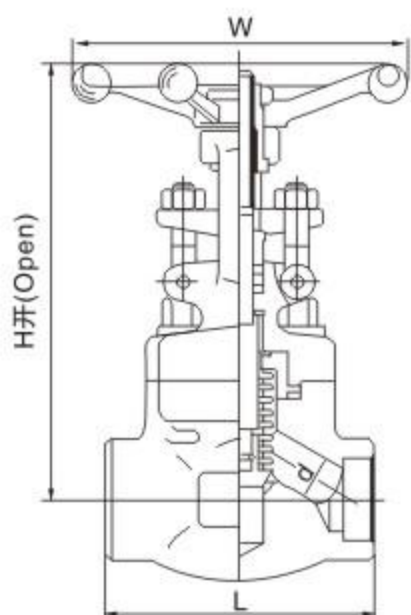
- 设计制造 Design and manufacture conform to API 602; MSS-SP-117
- 连接端尺寸 Connection ends conform to :
 - 承插口尺寸按 Socket welded ends conform to ANSI B16.11; JB/T1751
 - 螺纹端尺寸按 Screw ends conform to ANSI B1.20.1; JB/T7306
 - 对焊端尺寸按 Butt-welded ends conform to ANSI B16.25; JB/T12224
 - 法兰端尺寸按 Flanged ends conform to ANSI B16.5; JB79
- 阀门检查和试验 Test and inspection conform to: API 598; GB/T13927; JB/T9092
- 结构特征 Structure features:
 - 螺栓连接阀盖(B.B)和明杆支架(OS & Y)
Bolted bonnet, outside screw and yoke
 - 或焊接阀盖(W.B)和明杆支架(OS & Y)
Welded bonnet, outside screw and yoke
- 材料按 Materials conform to ANSI/ASTM的规定。
- 主要材料 Main materials; A105; LF2; F5; F11; F22; 304(L); 316(L); F347; F321; F51L; Monel; 20 合金等 Alloy.
- 波纹管材料 Bellow materials: 304; 321; 316; Inconel 625; Hastelloy C 276; Mone等.

碳钢温压等级 Carbon steel temperature-pressure rate

CL150-285 P.S.I @ 100°F CL300-740 P.S.I @ 100°F CL600-1480 P.S.I @ 100°F CL800-1975 P.S.I @ 100°F CL1500-3705 P.S.I @ 100°F

典型零件材料表 Main part materials list

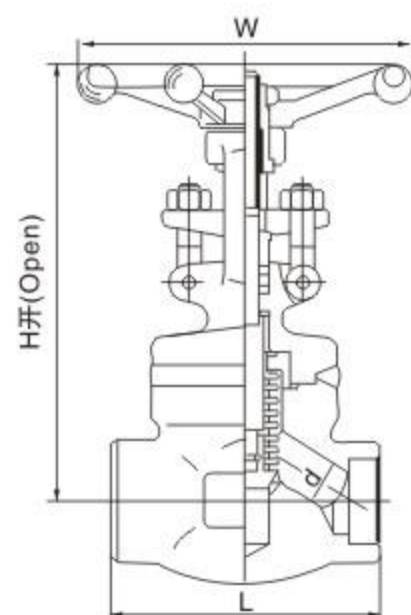
序号 NO.	零件名称 Part name	A105/F6a	A105/F6aHFS	A105/F6aHF	F304(L)/304(L)	F316(L)/316(L)
1	阀体 Body	A105	A105+HF	A105+HF	F304(L)	F316(L)
3	阀瓣 Disc	F6a	F6a	F6aHF	F304(L)	F316(L)
4	阀杆 Stem	410	410	410	F304(L)	F316(L)
5	垫片 Gasket	304+柔性石墨 Flexible graphite	304+柔性石墨 Flexible graphite	304+柔性石墨 Flexible graphite	304+柔性石墨 Flexible graphite	304+柔性石墨 Flexible graphite
6	阀盖 Bonnet	A105	A105	A105	F304(L)	F316(L)
7	螺栓 Bolt	B7	B7	B7	B8(M)	B8(M)
8	销轴 Pin	410	410	410	304	304
9	填料压套 Packing bushing	410	410	410	304	316
10	活节螺母 Eyelet bolt	B7	B7	B7	B8(M)	B8(M)
11	填料压盖 Packing gland	A105	A105	A105	F304	F304
12	六角螺母 Hex nut	2H	2H	2H	B8(M)	8(M)
13	阀杆螺母 Stem nut	410	410	410	410	410
14	锁紧螺母 Locking nut	35	35	35	35	35
15	铭牌 Nameplate	AL	AL	AL	AL	AL
16	手轮 Handwheel	A197	A197	A197	A197	A197
17	润滑垫片 Lubricating gasket	410	410	410	410	410
18	填料 Packing	石墨 Graphite	石墨 Graphite	石墨 Graphite	石墨 Graphite	石墨 Graphite
20	垫片 Gasket	304+柔性石墨 Flexible graphite	304+柔性石墨 Flexible graphite	304+柔性石墨 Flexible graphite	304+柔性石墨 Flexible graphite	304+柔性石墨 Flexible graphite
28	波纹管 Bellow	F321	F321	F321	F321/304L	F316/316L
30	钢丝 Steel wire	304	304	304	304	316
31	销 Pin	304	304	304	304	316



螺栓连接阀盖，缩径和全径，明杆支架 (OS&Y)
Bolted bonnet full port &, reducing port outside screw and yoke(OS &Y)
末端连接为螺纹或承插焊或对焊，设计按API 602、MSS-SP-117
Threaded butt-welded or socket welded ends; design to API 602/MSS-SP-117

CL800

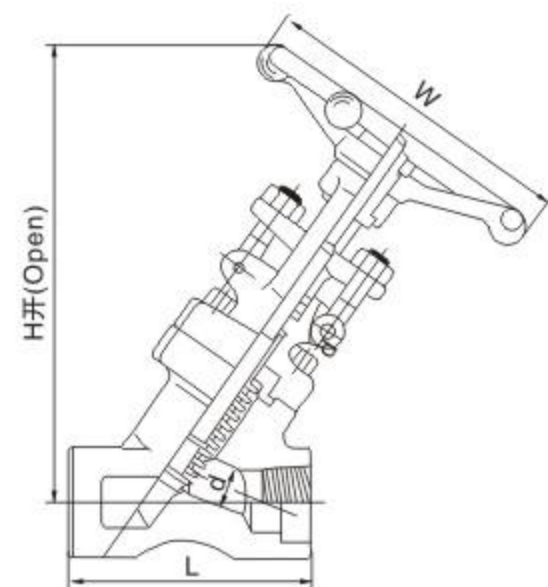
规格(NPS) SPecification	R.P	-	1/2	3/4	1	1 ¹ / ₄	1 ¹ / ₂	2	2 ¹ / ₂
	F.P	1/4	3/8	1/2	3/4	1	1 ¹ / ₄	1 ¹ / ₂	2
结构长度(mm)Face to face	L	79	79	92	111	120	152	172	200
手轮直径(mm) Handwheel diameter	W	100	100	100	125	160	160	180	200
中心高度(开)(mm) Height	H	162	162	164	200	220	257	295	350
流道孔径 (mm) Flow port dimension	d	7.0	9.0	13	17.5	23	30	35	46
重量 Weight (Kg)		2.3	2.4	2.5	4.35	5.75	7.8	12.5	17.5



焊接连接阀盖，缩径和全径，明杆支架 (OS&Y)
Welded bonnet full port &, reducing port outside screw and yoke(OS &Y)
末端连接为螺纹或承插焊或对焊，设计按API 602、MSS-SP-117
Threaded butt-welded or socket welded ends; design to API 602/MSS-SP-117

CL800

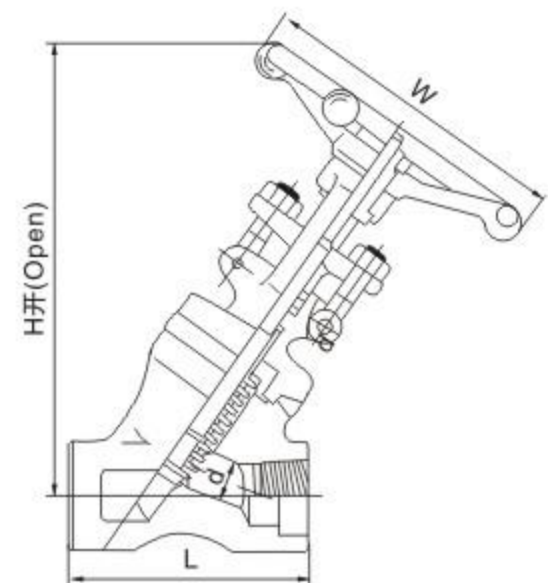
规格(NPS) SPecification	R.P	-	1/2	3/4	1	1 ¹ / ₄	1 ¹ / ₂	2	2 ¹ / ₂
	F.P	1/4	3/8	1/2	3/4	1	1 ¹ / ₄	1 ¹ / ₂	2
结构长度(mm)Face to face	L	79	79	92	111	120	152	172	200
手轮直径(mm) Handwheel diameter	W	100	100	100	125	160	160	180	200
中心高度(开)(mm) Height	H	162	162	164	200	220	257	295	350
流道孔径 (mm) Flow port dimension	d	7.0	9.0	13	17.5	23	30	35	46
重量 Weight (Kg)		1.7	1.8	1.9	3.3	5.2	6.8	10.6	13.8



螺栓连接阀盖，缩径和全径，明杆支架 (OS&Y)
Bolted bonnet full port &, reducing port outside screw and yoke(OS &Y)
末端连接为螺纹或承插焊或对焊，设计按API 602、MSS-SP-117
Threaded butt-welded or socket welded ends; design to API 602/MSS-SP-117

CL800

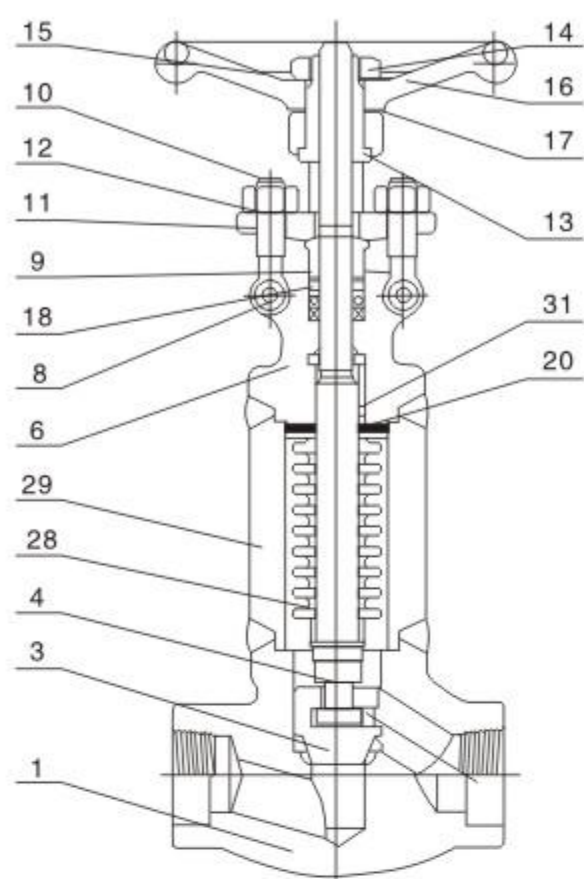
规格(NPS) SPecification	R.P	-	1/2	3/4	1	1 ¹ / ₄	1 ¹ / ₂	2	2 ¹ / ₂
	F.P	1/4	3/8	1/2	3/4	1	1 ¹ / ₄	1 ¹ / ₂	2
结构长度(mm)Face to face	L	98	98	98	111	140	140	155	170
手轮直径(mm) Handwheel diameter	W	100	100	100	125	160	160	180	200
中心高度(开)(mm) Height	H	180	180	180	188	280	280	295	350
流道孔径 (mm) Flow port dimension	d	7	9	13	17.5	23	30	35	46
重量 Weight (Kg)		2.6	2.6	3.8	4.6	9.3	9.3	14	19.6



焊接连接阀盖，缩径和全径，明杆支架 (OS&Y)
Welded bonnet full port &, reducing port outside screw and yoke(OS &Y)
末端连接为螺纹或承插焊或对焊，设计按API 602、MSS-SP-117
Threaded butt-welded or socket welded ends; design to API 602/MSS-SP-117

CL800

规格(NPS) SPecification	R.P	-	1/2	3/4	1	1 ¹ / ₄	1 ¹ / ₂	2	2 ¹ / ₂
	F.P	1/4	3/8	1/2	3/4	1	1 ¹ / ₄	1 ¹ / ₂	2
结构长度(mm)Face to face	L	79	79	79	100	140	140	155	170
手轮直径(mm) Handwheel diameter	W	100	100	100	125	160	160	180	200
中心高度(开)(mm) Height	H	198	198	198	207	280	280	295	350
流道孔径 (mm) Flow port dimension	d	7	9	13	17.5	23	30	35	46
重量 Weight (Kg)		1.8	1.8	2.0	3.5	8.0	8.0	12	16



应用规范 Application standards

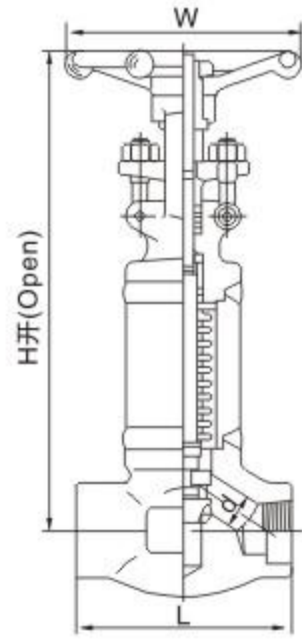
- 1、设计制造 Design and manufacture conform to API 602; MSS-SP-117
- 2、连接端尺寸 Connection ends conform to :
 - 1) 承插口尺寸按 Socket welded ends conform to ANSI B16.11; JB/T1751
 - 2) 螺纹端尺寸按 Screw ends conform to ANSI B1.20.1; JB/T7306
 - 3) 对焊端尺寸按 Butt-welded ends conform to ANSI B16.25; JB/T12224
 - 4) 法兰端尺寸按 Flanged ends conform to ANSI B16.5; JB79
- 3、阀门检查和试验 Test and inspection conform to: API 598; GB/T13927; JB/T9092
- 4、结构特征 Structure features:
 - 螺栓连接阀盖(B.B)和明杆支架(OS & Y)
Bolted bonnet, outside screw and yoke
 - 或焊接阀盖(W.B)和明杆支架(OS & Y)
Welded bonnet, outside screw and yoke
- 5、材料按 Materials conform to ANSI/ASTM的规定。
- 6、主体材料 Main materials; A105 ; 304(L) ; 316(L) ; F347 ; F321 ;
- 7、波纹管材料 Bellow materials: 304 ; 321 ; 316 ; Inconel 625 ; Hastelloy C 276 ; Mone等.

碳钢温压等级 Carbon steel temperature-pressure rate

CL150-285 P.S.I @ 100°F CL300-740 P.S.I @ 100°F CL600-1480 P.S.I @ 100°F CL800-1975 P.S.I @ 100°F CL1500-3705 P.S.I @ 100°F

典型零件材料表 Main part materials list

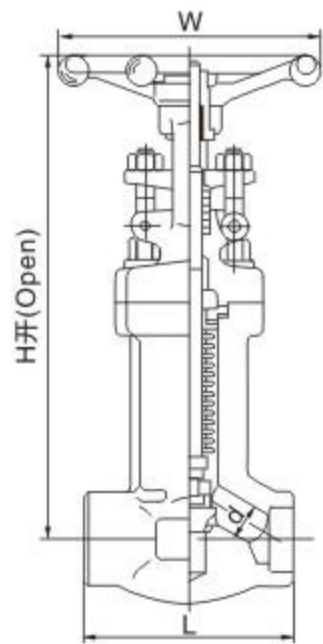
序号 NO.	零件名称 Part name	A105/F6a	A105/F6aHFS	A105/F6aHF	F304(L)/304(L)	F316(L)/316(L)
1	阀体 Body	A105	A105+HF	A105+HF	F304(L)	F316(L)
3	阀瓣 Disc	F6a	F6a	F6aHF	F304(L)	F316(L)
4	垫片 Gasket	410	410	410	304(L)	316(L)
6	螺栓 Bolt	A105	A105	A105	F304(L)	F316(L)
8	销轴 Pin	410	410	410	304	304
9	填料压套 Packing bushing	410	410	410	304	316
10	活节螺母 Eyelet bolt	B7	B7	B7	B8(M)	B8(M)
11	填料压盖 Gland flange	A105	A105	A105	F304	F304
12	六角螺母 Hex nut	2H	2H	2H	8(M)	8(M)
13	阀杆螺母 Stem nut	410	410	410	410	410
14	锁紧螺母 Locking nut	35	35	35	35	35
15	铭牌 Nameplate	AL	AL	AL	AL	AL
16	手轮 Handwheel	A197	A197	A197	A197	A197
17	润滑垫片 Lubricating gasket	410	410	410	410	410
18	填料 Packing	石墨 Graphite	石墨 Graphite	石墨 Graphite	石墨 Graphite	石墨 Graphite
28	波纹管 Bellow	F321	F321	F321	F316	F316
29	接管 Coupling pipe	A105	A105	A105	A304(L)	A316(L)
31	销 Pin	304	304	304	304	316



焊接连接阀盖, 缩径和全径, 明杆支架 (OS&Y)
Welded bonnet full port &, reducing port outside screw and yoke(OS &Y)
末端连接为螺纹或承插焊, 设计按BS5352、MSS-SP-117
Threaded butt-welded or socket welded ends; design to BS5352、MSS-SP-117

CL800

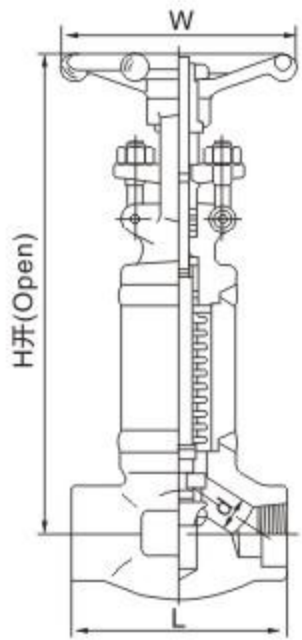
规格(NPS) SPecification	R.P	1/2	3/4	1	1 ¹ / ₄	1 ¹ / ₂	2	2 ¹ / ₂	3
	F.P	1/4	3/8	1/2	3/4	1	1 ¹ / ₄	1 ¹ / ₂	2
结构长度(mm)Face to face	L	79	79	92	111	120	152	172	200
手轮直径(mm) Handwheel diameter	W	100	100	100	125	160	160	180	200
中心高度(开)(mm) Height	H	237	237	239	270	298	340	395	470
流道孔径 (mm) Flow port dimension	d	7.0	9.0	13	17.5	23	30	35	46
重量 Weight (Kg)		2.5	2.6	2.7	4.4	6.7	8.8	15	18.8



螺栓连接阀盖, 缩径和全径, 明杆支架 (OS&Y)
Bolted bonnet, full port & reducing port outside screw and yoke(OS &Y)
末端连接为螺纹或承插焊, 设计按BS532、MSS-SP-117
Threaded, butt-welded or socket welded ends; design to S532/MSS-SP-117

CL800

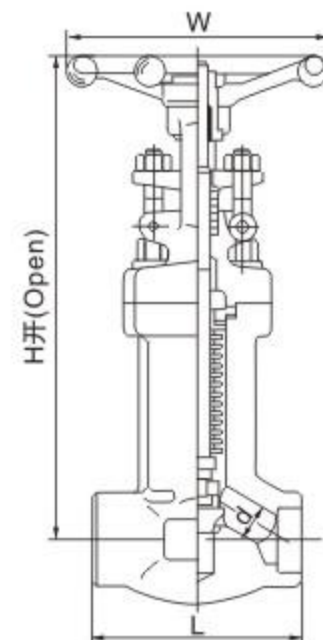
规格(NPS) SPecification	R.P	1/2	3/4	1	1 ¹ / ₄	1 ¹ / ₂	2	2 ¹ / ₂	3
	F.P	1/4	3/8	1/2	3/4	1	1 ¹ / ₄	1 ¹ / ₂	2
结构长度(mm)Face to face	L	79	79	92	111	120	152	172	200
手轮直径(mm) Handwheel diameter	W	100	100	100	125	160	160	180	200
中心高度(开)(mm) Height	H	237	237	239	270	298	340	395	470
流道孔径 (mm) Flow port dimension	d	7.0	9.0	13	17.5	23	30	35	46
重量 Weight (Kg)		3.1	3.3	4.2	5.5	7.25	9.8	16	21



焊接连接阀盖, 全径, 明杆支架 (OS&Y)
Welded bonnet, full port outside screw and yoke(OS &Y)
末端连接为螺纹或承插焊, 设计按BS5352、MSS-SP-117
Threaded, butt-welded or socket welded ends; design to BS5352、MSS-SP-117

CL1500

规格(NPS) SPecification	F.P	1/4	3/8	1/2	3/4	1	1 ¹ / ₄	1 ¹ / ₂	2
结构长度(mm)Face to face	L	92	92	111	111	120	152	172	200
手轮直径(mm) Handwheel diameter	W	100	100	125	125	160	160	180	200
中心高度(开)(mm) Height	H	290	330	380	380	400	450	520	650
流道孔径 (mm) Flow port dimension	d	7	9	12	15	20	28	32	40
重量 Weight (Kg)		3.3	3.5	5	7.5	10	16	27	30



螺栓连接阀盖, 全径, 明杆支架 (OS&Y)
Bolted bonnet, full port outside screw and yoke(OS &Y)
末端连接为螺纹或承插焊, 设计按BS532、MSS-SP-117
Threaded, butt-welded or socket welded ends; design to S532/MSS-SP-117

CL1500

规格(NPS) SPecification	F.P	1/4	3/8	1/2	3/4	1	1 ¹ / ₄	1 ¹ / ₂	2
结构长度(mm)Face to face	L	92	92	111	111	120	152	172	200
手轮直径(mm) Handwheel diameter	W	100	100	125	125	160	160	180	200
中心高度(开)(mm) Height	H	290	330	380	380	400	450	520	650
流道孔径 (mm) Flow port dimension	d	7	9	12	15	20	28	32	40
重量 Weight (Kg)		3.3	3.5	5	7.5	10	16	27	30

螺栓连接阀盖, 缩径, 明杆支架 (OS&Y)
Welded bonnet, reducing port outside screw and yoke (OS&Y)
末端连接为连接法兰或对焊连接, 设计按BS5352、MSS-SP-117
Flange-welded or butt-welded ends; design to BS5352/MSS-SP-117

CL150-300-600

规格(NPS) SPecification	R.P	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2	
结构长度(mm) Face to face	CL150	L(RF) L1(BW)	-	-	108	117	127	140	165	203
	CL300		-	-	152	178	203	216	229	267
	CL600		-	-	165	190	216	229	241	292
手轮直径(mm) Handwheel diameter	W	-	-	100	100	125	160	160	180	
中心高度(开) (mm) Height	CL150 CL300	H	-	-	340/350	340/350	360/375	380/400	450/470	540/570
	CL600		-	-	360	360	390	430	500	600
流道孔径 (mm) Flow port dimension	d	-	-	9	13	17.5	23	30	35	
重量 Weight (Kg)	CL150 RF/BW	-	-	3.67/3	4.3/3.6	6.3/5.7	10.5/9.5	11.5/9.8	19.5/16	
	CL300 RF/BW	-	-	4/3.2	4.8/4	7.3/6.7	13/11	14.5/12	22/18	
	CL600 RF/BW	-	-	5.8/4.7	8.1/6	12.5/9	18/14	24.5/18	42/36	

如:如需法兰和阀体一体式锻造的请与CHISHENG销售人员联系
Flange integrity forged steel valve enquiry please contact sales department.

螺栓连接阀盖, 缩径, 明杆支架 (OS&Y)
Welded bonnet, reducing port outside screw and yoke (OS&Y)
末端连接为连接法兰或对焊连接, 设计按BS5352、MSS-SP-117
Flange-welded or butt-welded ends; design to BS5352/MSS-SP-117

CL150-300-600

规格(NPS) SPecification	R.P	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2	
结构长度(mm) Face to face	CL150	L(RF) L1(BW)	-	-	108	117	127	140	165	203
	CL300		-	-	152	178	203	216	229	267
	CL600		-	-	165	190	216	229	241	292
手轮直径(mm) Handwheel diameter	W	-	-	100	100	125	160	160	180	
中心高度(开) (mm) Height	CL150 CL300	H	-	-	340/350	340/350	360/375	380/400	450/470	540/570
	CL600		-	-	360	360	390	430	500	600
流道孔径 (mm) Flow port dimension	d	-	-	9	13	17.5	23	30	35	
重量 Weight (Kg)	CL150 RF/BW	-	-	4.17/3.5	4.8/4.1	7.7/6.7	12.5/11.5	14/11.5	21.5/18	
	CL300 RF/BW	-	-	4.5/3.7	5.2/4.5	8.3/7.7	14.5/12.5	16/13.5	24/20	
	CL600 RF/BW	-	-	6.3/5.2	8.6/6.5	13.5/10	19.5/15.5	26/19.5	44/38	

如:如需法兰和阀体一体式锻造的请与CHISHENG销售人员联系
Flange integrity forged steel valve enquiry please contact sales department.

螺栓连接阀盖, 全径, 明杆支架 (OS&Y)
Welded bonnet, full port outside screw and yoke (OS&Y)
末端连接为连接法兰或对焊连接, 设计按BS5352、MSS-SP-117
Flange-welded or butt-welded ends; design to BS5352/MSS-SP-117

CL1500

规格(NPS) SPecification	F.P	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2
结构长度(mm) Face to face	L(RF) L1(BW)	-	-	216	229	254	280	305	368
	L(RTJ)	-	-	216	229	254	280	305	371
手轮直径(mm) Handwheel diameter	W	-	-	125	125	160	160	180	200
中心高度(开)(mm) Height	H	-	-	380	380	400	450	520	650
流道孔径 (mm) Flow port dimension	d	-	-	12	15	20	28	32	40
重量 Weight (Kg)		-	-	11.1	11.8	14.1	16.5	23.8	37.5

如:如需法兰和阀体一体式锻造的请与CHISHENG销售人员联系
Flange integrity forged steel valve enquiry please contact sales department.

螺栓连接阀盖, 全径, 明杆支架 (OS&Y)
Welded bonnet, full port outside screw and yoke (OS&Y)
末端连接为连接法兰或对焊连接, 设计按BS5352、MSS-SP-117
Flange-welded or butt-welded ends; design to BS5352/MSS-SP-117

CL1500

规格(NPS) SPecification	F.P	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2
结构长度(mm) Face to face	L(RF) L1(BW)	-	-	216	229	254	280	305	368
	L(RTJ)	-	-	216	229	254	280	305	371
手轮直径(mm) Handwheel diameter	W	-	-	125	125	160	160	180	200
中心高度(开)(mm) Height	H	-	-	380	380	400	450	520	650
流道孔径 (mm) Flow port dimension	d	-	-	12	15	20	28	32	40
重量 Weight (Kg)		-	-	11.6	12.3	15	17.5	25	38.3

■ 阀体与阀盖材料/Body and bonnet materials

化学成份 Chemical composition	碳钢 Carbon steel	低温 Cryogenic		合金钢 Alloy steel				奥氏氏不锈钢 ASTM-A182 Austenite stainless steel ASTM-A182					双相不锈钢 Duplex stainless steels	
	A105	LF2	LF3	F5	F91	F11 Class2	F22 Class2	F304	F304H	F304L	F316	F316H	F347H	F51
C	0.35	0.35	0.20	0.15	0.08-0.12	0.10-0.20	0.05-0.15	0.08	0.04-0.10	0.035	0.08	0.035	0.04-0.1	0.030
Mn	0.60-1.05	0.60-1.35	0.90	0.30-0.60	0.30-0.60	0.30-0.800	0.30-0.60	2.00	2.00	2.00	2.00	2.00	2.00	2.00
P	0.035	0.035	0.035	0.030	0.020	0.040	0.040	0.045	0.045	0.045	0.045	0.045	0.045	0.030
S	0.040	0.040	0.040	0.030	0.010	0.040	0.040	0.030	0.030	0.030	0.030	0.030	0.030	0.20
Si	0.10-0.35	0.15-0.30	0.20-0.35	0.50	0.20-0.50	0.50-1.00	0.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Ni	0.40	0.40	3.3-3.7	0.50	0.40	-	-	8.0-11.0	8.0-11.0	8.0-13.0	10.0-14.0	10.0-15.0	9.0-13.0	4.5-6.5
Cr	0.30	0.30	0.30	4.0-6.0	8-9.5	1.00-1.50	2.00-2.50	18.0-20.0	18.0-20.0	18.0-20.0	16.0-18.0	16.0-18.0	17.0-20.0	21-23
Mo	0.12	0.12	0.12	0.44-0.65	0.85-1.005	0.44-0.65	0.87-1.13				2.00-3.00	2.00-3.00	-	2.5-3.5

机械性能 Mechanical property	ASTM A105	LF2	LF3	f5	f91	F11Class2	F2Class3	f304	f304h	f304l	f316	f316l	f347h	f51
抗拉强度 Tensile strength	70	70-95	70-95	70	85	70	75	75	75	70	75	70	75	90
屈服强度 Yield strength	36	36	37.5	40	60	40	45	30	30	25	30	25	30	65
延伸率 Elongation at rupture	22	22	22	20	20	20	20	30	30	30	30	30	30	25
断面收缩率 Shrinkage of R.A.	30	30	35	35	40	30	30	50	50	50	50	50	50	45
布氏硬度 Brinell hardness	187(2)	197	197	143-217	≤248	143-207	156-207	-	-	-	-	-	-	-

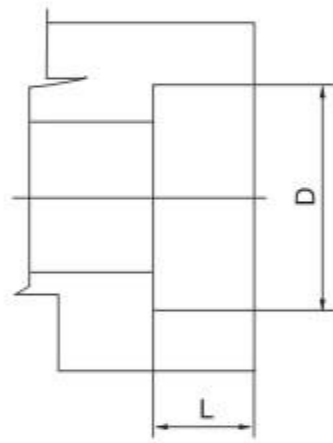
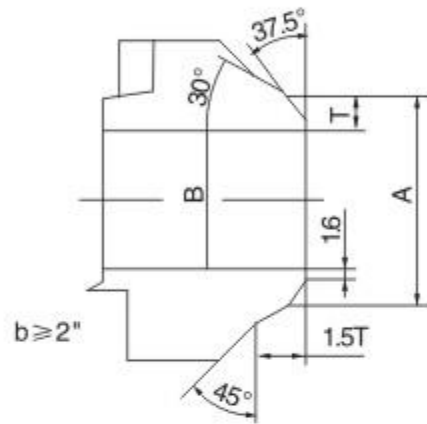
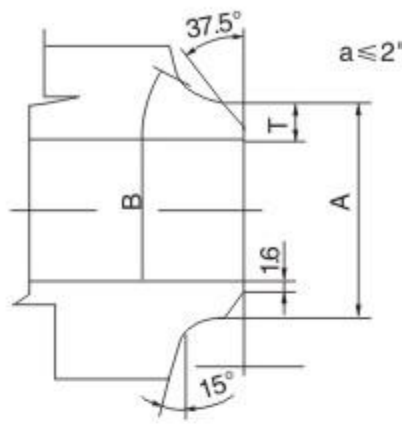
■ 内件与螺栓材料/Trim and bolt materials

化学成份 Chemical composition	内件材料 Trim materials					螺栓材料 Bolt materials				
	AISI 410	AISI 416	AISI 420	ASTM B164 Monel	Stellite Gr.6	ASTM A193		AISI 430	ASTM A194	
						B7	B8		2H	G8
C	0.15max.	0.15max.	0.15max.	0.3max.	1.00	0.37-0.49	0.08max.	0.12max.	0.40min.	0.0max.
Mn	1.00max.	1.25max.	1.00max.	2.0max.	1.00max.	0.65-1.10	2.0max.	1.00max.	1.00max.	2.00max.
P	0.040	0.060max.	0.040	-	-	0.035	0.045	0.040	0.040max.	0.045
S	0.030	0.15max.	0.030	0.024	-	0.04	0.030	0.030	0.050max.	0.030
Si	1.00max.	1.00max.	1.00max.	0.5max.	1.00	0.15-0.35	1.00max.	1.00max.	0.40max.	1.00max.
Cr	11.50-13.50	12.0-14.0	12.0-14.0	-	28.00	0.75-1.20	18.0-20.0	14.0-18.0	-	183.0-20.0
Ni	-	-	-	63.0min	3.0max.	-	8.00-11.0	-	-	8.00-11.0
Mo	-	0.600max.	-	-	-	0.15-0.25	-	-	-	-
Cu	-	-	-	28.0-34.0	-	-	-	-	-	-
其它元素 Other element				Fe:2.5max.	Fe:3.0max. w:4.0 Co:balance	-	-	-	-	-

机械性能 Mechanical property	410	416	420	ASTM A164	Gr.6	B7	B8	430	2H	G8
抗拉强度 Tensile strength	99/85 70/130	85/170 85/170	149/298 105/210	70(2) 49.2	-	125 87.8	75 52.7	75.4 53	-	-
屈服强度 Yield strength	59/170 42/120	59/128 42/90	119/199 84/140	25(2) 17.6	-	105 73.8	30 21	40 28	-	-
延伸率 Elongation at rupture	(15)(1)	(10)(1)	(8)(1)	(35)(2)	-	16	30	28	-	-
断面收缩率 Shrinkage of R.A.	50/75	8/60	5/40	-	-	50	50	65	-	-
布氏硬度 Brinell hardness	180-375	180/375	300-600	-	HRC min.37	-	-	160	248-252	126-300

■ 对接焊标准/Butt-welded standard ASME B16.25

单位:mm

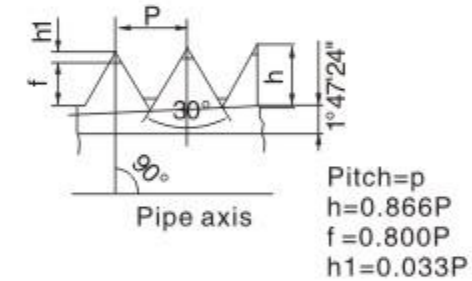
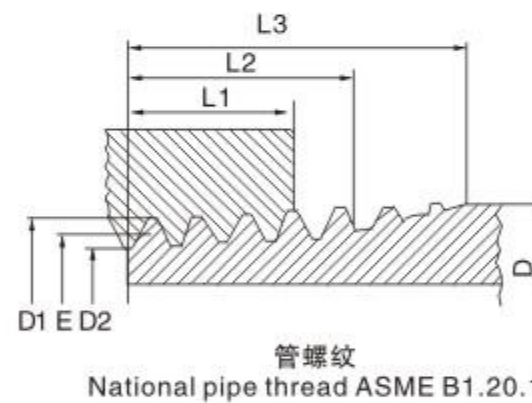


公称管径 Normal diameter	SCH.40			SCH.80			SCH.160			SCH.XXS		
	A	B	T	A	B	T	A	B	T	A	B	T
1/2	21.3	15.8	2.77	21.3	13.8	3.73	21.3	11.7	4.78	21.3	6.4	7.47
3/4	26.7	25.0	2.87	26.7	18.9	3.91	26.7	15.6	5.56	26.7	11.1	7.82
1	33.4	26.6	3.38	33.4	24.3	4.55	33.4	20.7	6.35	33.4	15.2	9.09
1 1/4	42.2	35.1	3.55	42.2	32.5	4.85	42.2	29.5	6.35	42.2	22.8	9.70
1 1/2	48.3	41.0	3.68	48.3	38.1	5.08	48.3	33.5	7.41	48.3	28.0	10.15
2	60.3	52.5	3.91	60.3	49.2	5.54	60.3	42.9	8.74	60.3	38.2	11.07
2 1/2	73.0	62.7	5.15	73.0	59.0	7.01	73.0	54.0	9.53	73.0	45.0	14.02
3	88.9	78.0	5.48	88.9	73.7	7.62	88.9	66.6	11.13	88.9	58.4	15.24
4	114.3	102.3	6.02	114.3	97.2	8.56	114.3	85.3	13.49	114.3	80.1	17.12

■ 各国承插焊标准/Foreign socket welded standard JB-ANSI-JIS

单位:mm

公称管径 Normal diameter	中国JB		美国ANSI		日本JIS	
	D	L	D	L	D	L
1/4	14.5	10.0	14.1	9.6	14.3	9.6
3/8	18.0	10.0	17.6	9.6	17.9	9.6
1/2	22.5	10.0	21.8	9.6	22.2	9.6
3/4	28.5	11.0	27.1	12.7	27.7	12.7
1	34.5	12.0	33.8	12.7	34.5	12.7
1 1/4	43.0	14	42.6	12.7	43.2	12.7
1 1/2	49.0	15	48.7	12.7	49.1	12.7
2	61.2	16	61.2	15.9	61.2	15.9



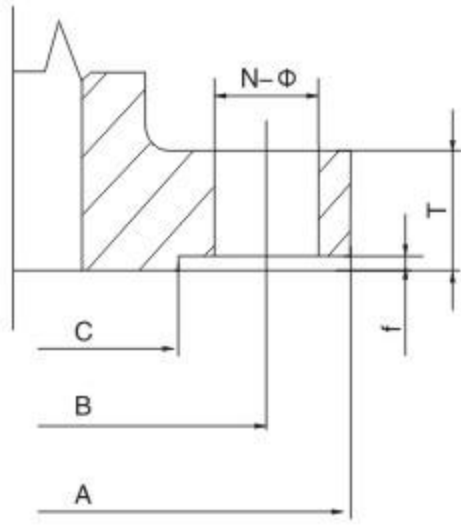
■ 螺纹标准/Thread standard ASME B1.20.1

单位:mm

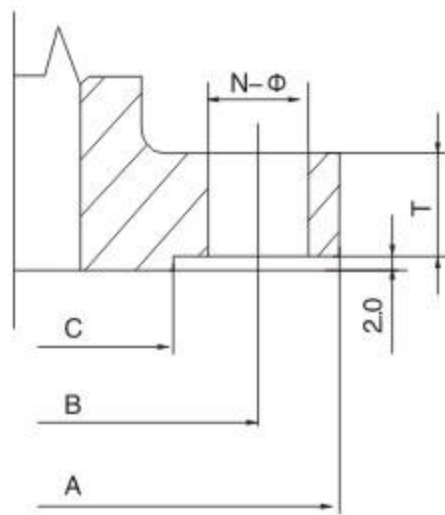
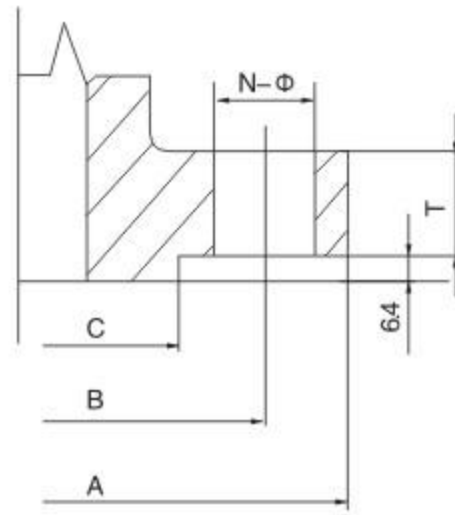
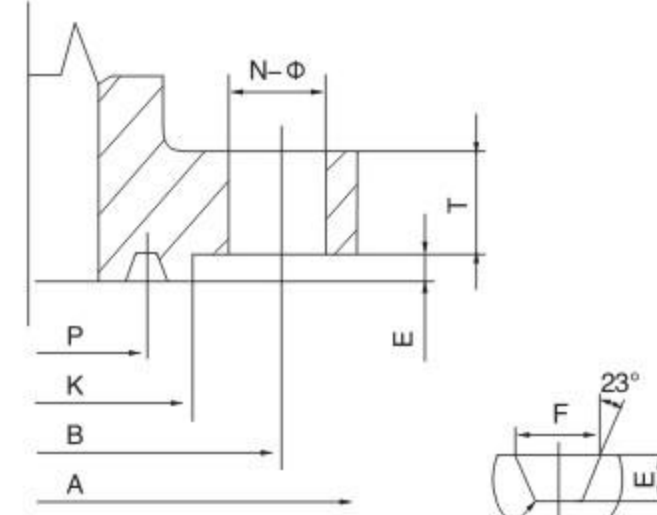
公称管径 Normal diameter	管外径 O.D.OF Pipe	牙数/英寸 Threads sep in.	螺距 Pitch of thread	O.D.AT Beginning of thread	管端螺纹中径 Pitch dia.at beginning of ext.thread	Root dia.at beginning of ext.thread	内外螺纹啮合长度 Handtight engagement	外螺纹有效长度 Effective thread ext.length	牙齿高度 Overall length ext.thread	
										D
1/8	inch mm	0.41 10.29	1.06 27	0.04 0.940	0.39 9.982	0.36 9.233	0.26 6.484	0.18 4.572	0.26 6.703	0.39 9.967
1/4	inch mm	0.54 13.72	0.71 18	0.06 1.412	0.52 13.259	0.48 12.126	0.43 10.998	0.20 5.080	0.40 10.206	0.59 15.103
3/8	inch mm	0.67 17.14	0.71 18	0.06 1.412	0.66 16.662	0.61 15.545	0.57 14.427	0.24 6.096	0.41 10.358	0.60 15.255
1/2	inch mm	0.84 21.34	0.55 14	0.07 1.814	0.82 20.726	0.76 19.263	0.70 17.805	0.32 8.128	0.53 13.556	0.78 19.850
3/4	inch mm	1.05 26.67	0.55 14	0.07 1.814	1.03 26.035	0.97 24.580	0.91 23.139	0.34 8.611	0.55 13.861	0.79 20.155
1	inch mm	1.31 33.40	0.452 11.1/2	0.09 2.210	1.28 32.588	1.21 30.825	1.14 29.058	0.40 10.160	0.68 17.343	0.98 25.006
1 1/4	inch mm	1.66 42.16	0.452 11.1/2	0.09 2.210	1.63 41.326	1.56 39.550	1.49 37.795	0.42 10.688	0.71 17.953	1.01 25.616
1 1/2	inch mm	1.90 48.26	0.452 11.1/2	0.09 2.210	1.87 47.396	1.80 45.621	1.73 43.866	0.42 10.688	0.72 18.377	1.03 26.040
2	inch mm	2.37 60.32	0.452 11.1/2	0.09 2.210	2.34 59.411	2.27 57.633	2.20 55.855	0.44 11.074	0.76 19.215	1.06 26.878

德标法兰/DIN Flange-2544-45-46

单位:mm



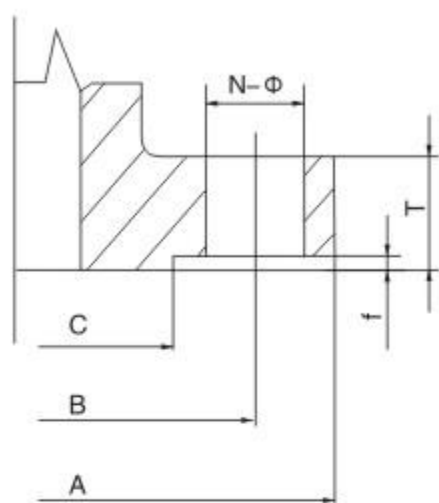
PN	DN	NPS	A	B	C	T	f	螺栓孔	
								N	φ
25 40	15	1/2	95	65	45	16	2	4	14
	20	3/4	105	75	58	18	2	4	14
	25	1	115	85	68	18	2	4	14
	32	1 1/4	140	100	78	18	2	4	18
	40	1 1/2	150	110	88	18	3	4	18
	50	2	165	125	102	20	3	4	18
64	15	1/2	105	75	45	20	2	4	14
	20	3/4	130	90	58	22	2	4	18
	25	1	140	100	65	24	2	4	18
	32	1 1/4	155	110	75	24	2	4	22
	40	1 1/2	170	125	88	26	3	4	22
	50	2	180	135	95	26	3	4	22


 突面法兰(RF)
150-300Lb

 凸面法兰(RF)
600-2500Lb

 环槽面法兰(RJ)
600-2500Lb

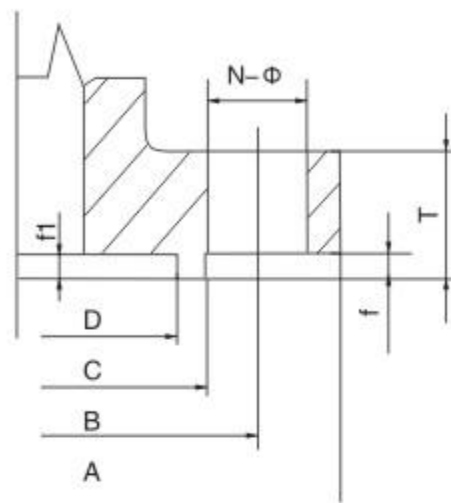
美标法兰/Flange standard ASME B16.5

单位:mm

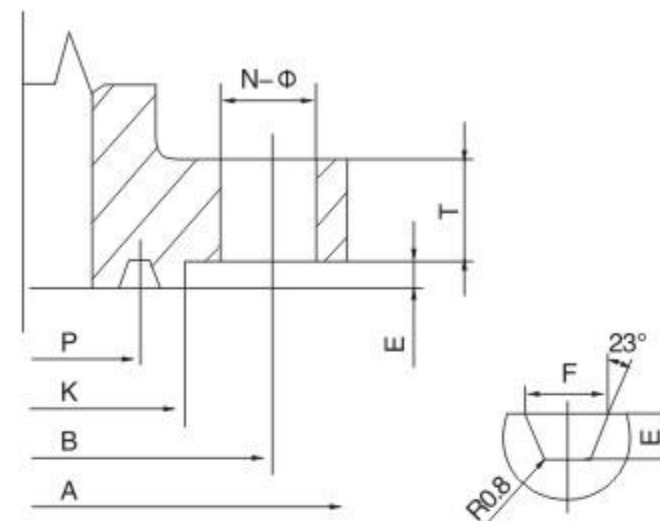
CLASS	NPS	A	B	C	T	螺栓孔 Bolt hole		环连接面 Ring type joint				环号 Ring No
						N	Φ	K	P	F	E	
150	1/2	90	60.3	34.9	9.6	4	16	-	-	-	-	-
	3/4	100	69.8	42.9	11.2	4	16	-	-	-	-	-
	1	110	79.4	50.8	12.7	4	16	63.5	47.62	8.74	6.4	R15
	1 1/4	115	88.9	63.5	14.3	4	16	73.0	57.15	8.74	6.4	R17
	1 1/2	125	98.4	73.0	15.9	4	16	82.5	65.07	8.74	6.4	R19
	2	150	120.6	92.1	17.5	4	19	102.0	82.55	8.74	6.4	R22
300	1/2	95	66.7	34.9	12.7	4	16	51.0	34.14	7.14	5.6	R11
	3/4	115	82.5	42.9	14.3	4	19	63.5	42.88	8.74	6.4	R13
	1	125	88.9	50.8	15.9	4	19	70.0	50.80	8.74	6.4	R16
	1 1/4	135	98.4	63.5	17.5	4	19	79.5	60.32	8.74	6.4	R16
	1 1/2	155	114.3	73.0	19.1	4	23	90.5	68.28	8.74	6.4	R20
	2	165	127.0	92.1	20.7	8	19	108.0	82.55	11.91	8.0	R23
600	1/2	95	66.7	34.9	14.3	4	16	51.0	34.14	1.14	5.6	R11
	3/4	115	82.5	42.9	15.9	4	19	63.5	42.88	8.74	6.4	R13
	1	125	88.9	50.8	17.5	4	19	70.0	50.80	8.74	6.4	R16
	1 1/4	135	98.4	63.5	20.7	4	19	79.5	60.32	8.74	6.4	R18
	1 1/2	155	114.3	73.0	22.3	4	23	90.5	68.28	8.74	6.4	R20
	2	165	127.0	92.1	25.4	8	19	108.0	82.55	11.91	8.0	R23
900 1500	1/2	120	82.5	34.9	22.5	4	23	60.5	39.67	8.74	6.4	R12
	3/4	130	88.9	42.9	25.5	4	23	66.5	44.45	8.74	6.4	R14
	1	150	101.6	50.8	29.0	4	26	71.5	50.80	8.74	6.4	R16
	1 1/4	160	111.1	63.5	29.0	4	26	81.0	60.32	8.74	6.4	R18
	1 1/2	180	123.8	73.0	32.0	4	29	92.0	68.28	8.74	6.4	R20
	2	215	165.1	92.1	38.5	8	26	124.0	95.25	11.91	8.0	R24
2500	1/2	135	88.9	34.9	30.5	4	23	65.0	42.88	8.74	6.4	R13
	3/4	140	95.2	42.9	32.0	4	23	73.0	50.80	8.74	6.4	R16
	1	160	107.9	50.8	35.0	4	26	82.5	60.32	8.74	6.4	R18
	1 1/4	185	130.2	63.5	38.5	4	29	101.5	72.24	11.91	6.4	R21
	1 1/2	205	146	73.0	44.5	4	32	114.5	82.55	11.91	6.4	R23
	2	235	171.4	92.1	51.0	8	29	133.5	101.60	11.91	8.0	R26



突面法兰(RF)
PN1.6~4.0MPa



凹面法兰(FM)
PN4.0~16.0MPa



环槽面法兰(FM)
PN6.3~16.0MPa

■ 国标法兰/GB Flange-JB/T79.1 4-94; JB/T82.1 4-94

单位:mm

PN (MPa)	DN	A	B	C	D	T	f	f1	螺栓孔 Bolt hole		环连接面 Ring type joint			
									N	Φ	K	P	F	E
1.6	10	90	60	40	-	14	2	-	4	14	-	-	-	-
	15	95	65	45	-	14	2	-	4	14	-	-	-	-
	20	105	75	55	-	14	2	-	4	14	-	-	-	-
	25	115	85	65	-	14	2	-	4	14	-	-	-	-
	32	135	100	78	-	16	2	-	4	18	-	-	-	-
	40	145	110	85	-	16	3	-	4	18	-	-	-	-
	50	160	125	100	-	16	3	-	4	18	-	-	-	-
2.5 4.0	10	90	60	40	35	16	2	4	4	14	-	-	-	-
	15	95	65	45	40	16	2	4	4	14	-	-	-	-
	20	105	75	55	51	16	2	4	4	14	-	-	-	-
	25	115	85	65	58	16	2	4	4	14	-	-	-	-
	32	135	100	78	66	18	2	4	4	18	-	-	-	-
	40	145	110	85	76	18	3	4	4	18	-	-	-	-
	50	160	125	100	88	20	3	4	4	18	-	-	-	-
6.3	10	100	70	50	35	18	2	4	4	14	50	35	9	6.5
	15	105	75	55	40	18	2	4	4	14	55	35	9	6.5
	20	125	90	68	51	20	2	4	4	18	68	45	9	6.5
	25	135	100	78	58	22	2	4	4	18	78	50	9	6.5
	32	150	110	82	66	24	2	4	4	23	82	65	9	6.5
	40	165	125	95	76	24	3	4	4	23	95	75	9	6.5
	50	175	135	105	88	26	3	4	4	23	105	85	12	8
10.0	10	100	70	50	35	18	2	4	4	14	50	35	9	6.5
	15	105	75	55	40	20	2	4	4	14	55	35	9	6.5
	20	125	90	68	51	22	2	4	4	18	68	45	9	6.5
	25	135	100	78	58	24	2	4	4	18	78	50	9	6.5
	32	150	110	82	66	24	2	4	4	23	82	65	9	6.5
	40	165	125	95	76	26	3	4	4	23	95	75	9	6.5
	50	195	145	112	88	28	3	4	4	25	112	85	12	8
16.0	15	110	75	55	40	24	2	4	4	18	52	35	9	6.5
	20	130	90	62	51	26	2	4	4	23	62	45	9	6.5
	25	140	100	72	58/	28	2	4	4	23	72	50	9	6.5
	32	165	115	85	66	30	2	4	4	25	85	65	9	6.5
	40	175	125	92	76	32	3	4	4	27	92	75	9	6.5
	50	215	165	132	88	36	3	4	8	25	132	95	12	8

注Note:1、凸面、凹面法兰厚度(T)包括凸出部分高度f1, 环槽面法兰厚度(T)不包括凸出部分高度E。
therefore or fm thickness(T)include bulge height f1, RJF thickness (T) not include height E.
2、PN≤100法兰密封形式一般为凸面法兰, 如用户需要环密封法兰(RJ), 请与CHISHENG销售人员在合同中注明。
When PN≤100, flange sealing type normal is rf, if user need RJ flange, please contact with our sell personnel and mark in contract.



Sale Network 销售服务网络

在发展过程中，经常会面临许多困难，克服种种困难，不断创新、改进、完善技术，把产品做精做好，尽力满足市场的需要，努力打造中国阀门行业巨头。秉着以诚为本，公平对待，勇争优先，敢于创新的态度和精神进行系统性销售服务。

In the development process, are often faced with many difficulties, overcome difficulties, continuous innovation, improvement, improvement of technology, The product to do fine, try to meet the needs of the market, and strive to build China pump guild baron. With honesty, fairness, priority to struggle, dare to innovate the attitude and spirit of systematic sales service.



诚招全国代理商

浙江持胜阀门科技有限公司

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