

卫生安全阀 Sanitary Safety valve



国家高新技术企业 浙江省著名商标
www.cndonjoy.com



东正一直致力于重大技术进步，是您值得信赖的事业伙伴！
Donjoy committing to major technological advances, is your reliable business partner!

0.1	自控调节阀+控制器 Automatic control regulating valve +Control head
0.2	生物制药隔膜阀 Biopharmaceutical diaphragm valve
0.3	高洁净泵 High purity pumps
0.4	防混蝶阀+蝶阀 Mixing proof butterfly valve +Butterfly valve
0.5	球阀 Ball valve
0.6	截止换向阀+防混阀+罐底阀 Divert seat valve+Mixing proof valve +Tank bottom valve
0.7	角座阀+截止阀 Angle seat valve+Globe valve
0.8	止回阀+恒压阀+安全阀+减压阀 Check valve+constant pressure valve+safety valve +air release valve
0.9	清洁技术+取样阀+视镜+照明技术 Clean technology+sample valve+sight glass +lighting technology
0.10	过滤器+人孔 Filter+man hole cover(manway)
0.11	卫生管件 Sanitary fittings ASME BPE DIN11852 B&4825 SMS ISO IDF 3A



注意：
目录技术资料仅供设计参考，
设计更新和技术升级恕不另行通知！

不断革新的技术、日新月异的市场发展和客户需求是当今我们面临的巨大挑战。面对这些挑战我们信心十足，因为东正高度专业化的产品和技术创新，是我们未来将以更高、更优的产品来满足不断增长的市场需求。

Technological innovation, rapid development of the market and customer needs are the greatest challenges facing us today. Facing with these challenges we are confident, because of highly professional products and technological innovation, we will meet the growing demand of market and customer with our better and better products.

法律声明：
目录样册版本属东正所有，如有抄袭东正将追究其法律责任和经济赔偿。
东正众多技术设计，都具有专利保护，如有抄袭，东正必将追究法律责任和经济赔偿。

领先源于创新 创新源于专业

东正的专业与品质的邂逅源于创新的精神



现代化工厂已经投产，期待您的光临！
温州空港经济园区生产基地
Wenzhou airport economic zone production base

占地面积29000m²，总投资1.2亿元，新引进ABB工业机器人、日本马扎克5轴加工中心、ABB机器人抛光设备。

东正创立于1993年，注册资金5508万，是一家专注于研发高品质PID过程控制器、阀门定位器、流量控制器，阀门控制单元，高洁净过程控制阀、智能自控阀，高洁净泵、高洁净管材和管道配件。公司高度专业化的产品和技术专注于生物制药、食品饮料、酿酒、精细化工等工业领域。东正众多的创新解决方案，对满足全球，尤其是新兴市场不断增长生物制药和食品饮料行业的需求起到了积极作用。

Covering an area of 29000 m², with total investment after construction is expected to 120 million yuan, introduces new ABB industrial robot, Japan mazar-e-sharif grams of five axis machining center, ABB machine Polishing equipment.

东正制造的产品母材料、加工技术、焊接技术、表面处理等技术指标均已达到国内外先进水平。且符合ASME BPE、EHEDG、FDA、3A等一系列国际标准和规范要求，先后通过了由德国TÜV机构实施的欧盟承压设备指令(PED-97/23/EC)和(MD-06/42/EC)认证、美国3A机构实施的3-A卫生标准认证、中国安全阀特种制造设备(TS)许可证和中国质量认证中心CQC ISO9001:2008质量管理体系认证等多项国际权威认证。

东正凭借先进的技术、优异的品质和完善的售后服务体系，先后被评定为国家高新技术企业，省著名商标、省科技型企业、创新型企业、专利示范企业、研发中心企业，守合同重信用AAA企业等众多荣誉。

关于东正 About DONJOY

Donjoy was built up in 1993, with registered capital RMB 55,08 millions. We focus on developing high quality PID process controller, the valve positioner, the flow controller, the valve control unit, high purity process control valve, intelligent self-control valve, high purity pump, high purity tubing fitting and pipeline accessories. Donjoy's products and technologies are widely used in biopharmaceutical, food, drink, wine fine chemicals and other industrial fields. Donjoy's innovation solutions meet the growing demand of the industry of biopharmaceutical, food and beverage from the whole world, especially the emerging market.

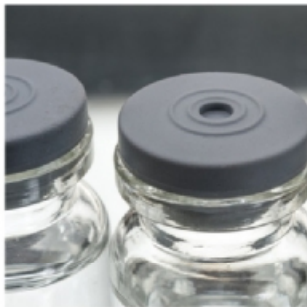
Raw material, processing technology, welding technology, surface treatment from Donjoy have achieved advanced levels of domestic and foreign market. Donjoy productions according to ASME BPE, EHEDG, FDA and 3A standard, get certificate of PED-97/23/EC and MD-06/42/EC issued by TUV, 3A issued by 3A organization, TS licence and ISO9001:2008.

Donjoy with advanced technology, excellent quality and perfect after-sales service system, has been assessed as the national high-tech enterprises, the Provincial Famous Trademark, the Provincial Science and Technology Enterprises, Innovative Enterprises, Patent Model Enterprises, R & D Center, AAA Credit Enterprises.



创立于2005年现代化工厂
温州滨海经济开发区生产基地
Wenzhou binhai economic development zone production base

DONJOY high-purity valve, pump, control system, pipe and accessories, provide the most excellent solution for various business scopes.



Biopharmaceutical



Dairy



Food



Beverage



Water Processing



Brewing



Fine Chemical

制造与检验 Manufacturing and testing



机器人生产线 Robot production line

全自动弯管设备 Automatic pipe bending equipment

DONJOY以科学技术是第一生产力，也是企业核心竞争力，只有不断投入核心技术研发和创新，不断追求卓越，精益求精、以先进生产设备，严格的质量管理体系，精密的生产检测流程，保证每一款产品优良的性能。

Science and technology constitute a primary productive force, also the core competitive strength of the enterprise. Continuously intensifying the research, development and innovation of core technology, pursuing prominence and keeping improving, ensuring the excellent quality and performance of every single product by advanced production equipment, strict quality control and precise production and inspection procedures.

荣誉与资质

Honor and qualification

	<p>3A</p> <p>东正是美国3A认证组织的金牌赞助商，3A是一个自愿组织，致力于维护公共卫生和奶制品产品质量通过独特的行业监管程序的设备，用于处理乳制品的卫生标准3A认证。 东正通过认证产品，阀门系列55-02-1783、64-00-1784、84-02-1786、85-03-1787、53-06-1782、54-02-1580、68-00-1785，管件(63-03)证书号(1581)等多种规格型号。</p>
	<p>PED/97/23/EC & MD/06/42EC</p> <p>东正通过了TUV 欧共体压力设备97/23/EC质量保证模式H&材料(管件)制造认证。 阀门证书 NO.CE 0036 泵类证书 NO.705201402401-00</p>
	<p>FDA177.2600</p> <p>东正生产的阀门和泵以及流体设备等，与物料接触密封圈全部通过或符合美国食品和药品管理局和联邦法规第21条即，CRF 21 FDA177.2600和FDA177.1550认证，其涵盖： EPDM VITON(FPM) SILICON HNBPTFE橡胶塑料材料等。</p>
	<p>ISO9001/2008</p> <p>东正通过中国质量认证中心CQC，ISO9001-2008/GB/T19001-2008企业质量管理体系认证。其证书编号: 00108Q24215R1M/3302</p>
	<p>卫生许可证</p> <p>东正通过了省卫生厅卫生阀门、卫生管件等检验，且获得了其颁发的证书，其编号: So083。 其许可证为国家出台的生活饮用水卫生监督管理方法证书。</p>
	<p>高新技术企业</p> <p>东正通过多年发展和技术创新已获得了多项国家发明专利，100多项实用新型专利，现已成为国家高新技术企业。</p>
	<p>浙江省著名商标</p> <p>东正09年获得了温州市著名商标，2012年获得了浙江省著名商标。</p>

DONJOY不但拥有以上认证和荣誉，且被评定为省科技型、创新型、专利示范、研发中心、守合同守信用企业等众多的荣誉证书。

安全阀(溢流阀)

Safety valve (over flow valve)

DONJOY创新设计，专利保护
卫生安全阀特种制造许可证



压力调节标尺



应用 Applications

- ◆ 该安全阀是用于保护流经管道、泵、附件、池子等压力的安全。
- ◆ 该安全阀的设计健康安全，防止危险及由于压力导致的设备故障。
- ◆ 卫生的设计和完全不锈钢制造，该阀门是乳制品、食品、饮料、制药、精细化工工业中用于保护设备的最好选择。
- ◆ The safety valve is used to protecting pipe, pump from over pressure
- ◆ Sanitary and safe design is to prevent operation danger and equipment breakdown due to pressure.
- ◆ With sanitary design stainless steel, the valve is the best choice for protection equipments in dairy, food, beverage, pharmacy and fine chemical industries.

操作原理 Operating principles

- ◆ 一般操作条件下，该阀门保持关闭。
- ◆ 通过调节带有压力螺母的弹簧，该阀门被校准到一个特定的压力。
- ◆ 当管路中的压力超过特定的压力时，阀门打开，让流体通过，以此减少管道系统中的压力。
- ◆ 该阀门可以带手柄，从而实现阀门部分开启。当手柄在现场清洗过程中保持开启状态时，清洗产品可以流经阀门。
- ◆ The valve is normally closed.
- ◆ Pressure is set by spring with pressure nut.
- ◆ When the pressure in the pipe exceeds to the specify pressure, the valve open automatically to make the liquid flow in order to reduce pressure.
- ◆ The valve can be with handle to realize partial open. When the handle remains open on the spot, liquid can flow through the valve.

安全阀(溢流阀)

Safety valve (over flow valve)

选项 Options

- ◆连接：卡箍、法兰、螺纹、焊接、DIN、SMS、RJT、IDF、3A
- ◆垫圈材质：EPDM、NBR、FPM
- ◆压力操作范围(改变弹簧)
- ◆装配上手动快排手柄可以部分开启阀门，现场清洗时(与泵通道一起使用)可以让流体通过。

技术规格

- ◆最大温度：121°C(EPDM)/250°F
- ◆最大操作压力：弹簧可调节(0-3bar / 0-6bar / 0-10bar 0-43, 5PSI/0-87PSI/0-145PSI)



基本型安全阀
Safety valve
(Standard)

整定压力：1bar-8bar
SIZE: DN25-DN100, 1"-4"
材质：304、316L

Options

- ◆Connections: DIN, IDF, RJT, 3A, SMS, Clamp, Flange, Weld, Thread
- ◆Material of gasket: EPDM, NBR, FPM
- ◆Pressure range (Calibrating spring)
- ◆The assembly with handle can open the valve partially. When CIP (use with), the liquid flowed through.

Technical Specifications

- ◆Max. Temperature: 121°C(EPDM)/250°F
- ◆Max. Operating pressure: Spring adjustable(0-3bar / 0-6bar / 0-10bar / 0-43, 5PSI/0-87PSI/0-145PSI)



手动快排安全阀
Manual quick-release
safety valve

管路清洗和紧急时手动
开启阀门



四通安全阀
Four-way
Safety valve

介质流进阀体超出整定
压力后保持液体循环输送
无死角、无滞留

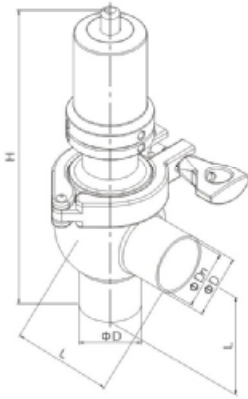
整定压力：1bar-16bar



气动快排安全阀
Pneumatic quick-release
safety Valve

管路清洗和紧急时气动
开启阀门

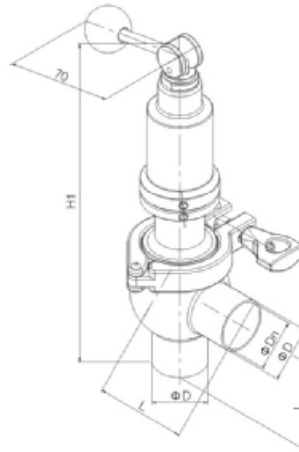
安全阀 Safety valve



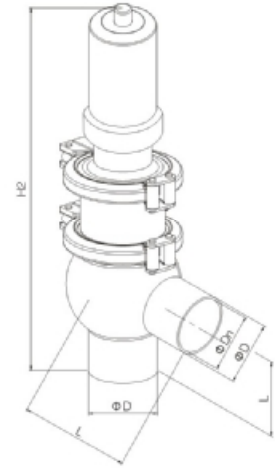
压力调节安全阀(焊接)
NO.VAQ100S1



压力调节安全阀(卡箍)
NO.VAQ110S1



压力调节安全阀+手动快排
NO.VAQ100S2



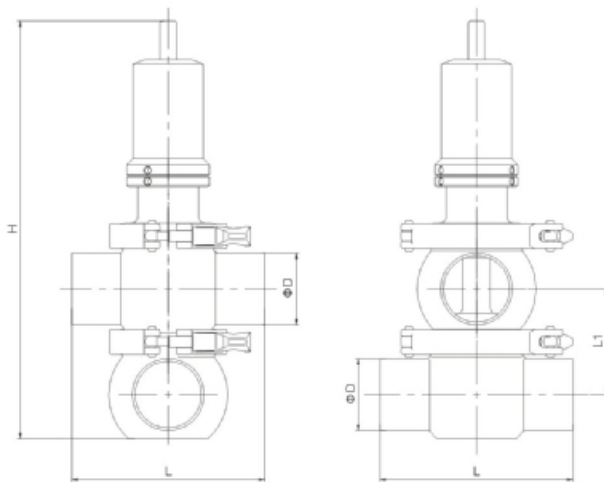
压力调节安全阀+气动执行器
NO.VAQ100Q1

手动调节安全阀(焊接) Manual Welded Safety Valve

SIZE	D	Dn	L	H	H1	H2
1"	25.4	22.4	50	216	260	269
1.25"	31.8	28.8	55	218	260	269
1.5"	38.1	35.1	60	222	266	309
2"	50.8	47.8	70	265	300	350
2.5"	63.5	59.5	80	297	340	392
3"	76.2	72.2	99	339	370	507

手动调节安全阀(卡箍) Manual Clamped Safety Valve

SIZE	D	Dn	L	H	H1	H2
1"	50.5	22.4	62.7	226.5	260	269
1.25"	50.5	28.8	67.7	230.5	260	269
1.5"	50.5	35.1	72.7	234.5	266	309
2"	64	47.8	82.7	277.5	300	350
2.5"	77.5	59.5	92.7	309.5	340	392
3"	91	72.2	111.7	351.5	370	507



四通安全阀
NO.VAQ100S1-001

调节安全阀(四通) Four-way safety valve

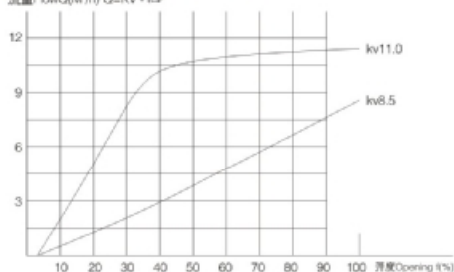
SIZE	D	H	L	L1
1"	25.4	253	100	67
1.25"	31.8	254	110	67
1.5"	38.1	255	120	67
2"	50.8	303	140	76
2.5"	63.5	343	160	88
3"	76.2	398	198	105

安全阀

Safety valve

安全阀(管口1")流量/选择(开度)图表
Safety valve 1" flow(opening f)diagram

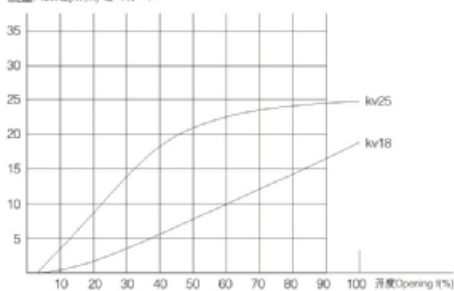
流量FlowQ(M³/h) Q=KV · √P



注意:上面图表适用于:介质:水(20°C)
Note:above diagram suit for the medium:water(20°C)

安全阀(管口1.5")流量/选择(开度)图表
Safety valve 1.5" flow(opening f)diagram

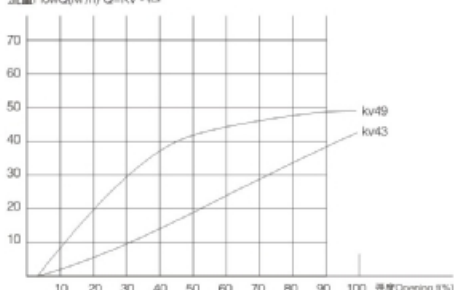
流量FlowQ(M³/h) Q=KV · √P



注意:上面图表适用于:介质:水(20°C),测量:按照VDI 2173
Note:above diagram suit for the medium:water(20°C),measuring:按照VDI 2173

调节式安全阀(管口2")流量/选择(开度)图表
Safety valve 2" flow(opening f)diagram

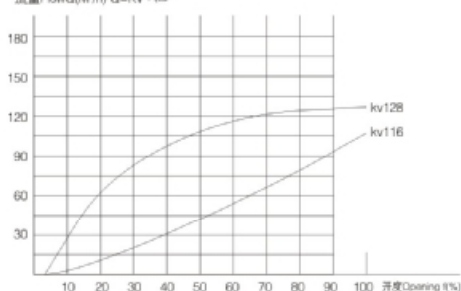
流量FlowQ(M³/h) Q=KV · √P



注意:上面图表适用于:介质:水(20°C),测量:按照VDI 2173
Note:above diagram suit for the medium:water(20°C),measuring:按照VDI 2173

安全阀(管口3")流量/选择(开度)图表
Safety valve 3" flow(opening f)diagram

流量FlowQ(M³/h) Q=KV · √P

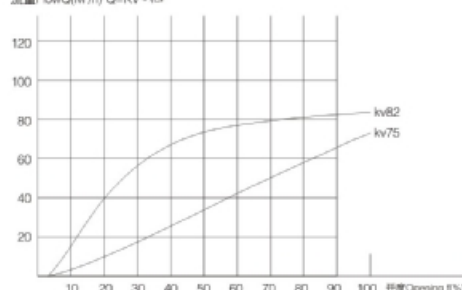


注意:上面图表适用于:介质:水(20°C),测量:按照VDI 2173
Note:above diagram suit for the medium:water(20°C),measuring:按照VDI 2173



安全阀(管口2.5")流量/选择(开度)图表
Safety valve 2.5" flow(opening f)diagram

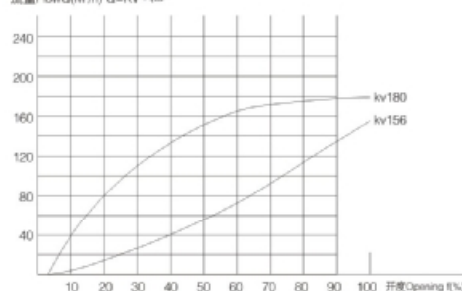
流量FlowQ(M³/h) Q=KV · √P



注意:上面图表适用于:介质:水(20°C),测量:按照VDI 2173
Note:above diagram suit for the medium:water(20°C),measuring:按照VDI 2173

安全阀(管口4")流量/选择(开度)图表
Safety valve 4" flow(opening f)diagram

流量FlowQ(M³/h) Q=KV · √P



注意:上面图表适用于:介质:水(20°C),测量:按照VDI 2173
Note:above diagram suit for the medium:water(20°C),measuring:按照VDI 2173

应用 Applications

- ◆该安全阀是用于保护流经管道、泵、附件、池子等压力的安全。
- ◆该安全阀的设计健康安全，防止危险及由于压力导致的设备故障。
- ◆卫生的设计和完全不锈钢制造，该阀门是乳制品、食品、饮料、制药、精细化工工业中用于保护设备的最好选择。
- ◆The safety valve is used to protect pipe, pump from over pressure
- ◆Sanitary and safe design is to prevent operation danger and equipment breakdown due to pressure.
- ◆Full stainless steel, the valve is the best choice for protection equipments in diary, food, beverage, pharmacy and fine chemical industries.

操作原理 Operating principles

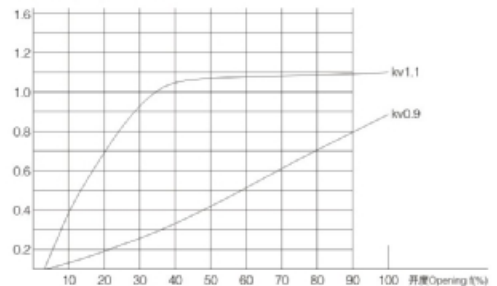
- ◆一般操作条件下，该阀门保持关闭。
- ◆通过调节带有压力螺母的弹簧，该阀门被校准到一个特定的压力。
- ◆当管路中的压力超过特定的压力时，阀门打开，让流体通过，以此减少管道系统中的压力。
- ◆该阀门可以带手柄，从而实现阀门部分开启。当手柄在现场清洗过程中保持开启状态时，清洗产品可以流经阀门。
- ◆The valve is normally closed.
- ◆Pressure is set by spring with pressure nut.
- ◆When the pressure in the pipe exceeds to the specify pressure, the valve open automatically to make the liquid flow in order to reduce pressure.
- ◆The valve can be with handle to realize partial open. When the handle remains open on the spot, liquid can flow through the valve.



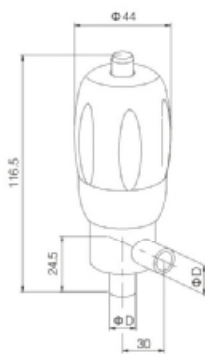
迷你型安全阀 1/2"-3/4"
Mini-type Safety Valve

迷你型安全阀(管口 1/2")流量/选择(开度)图表
Mini-type safety valve 1/2" flow(opening f)diagram

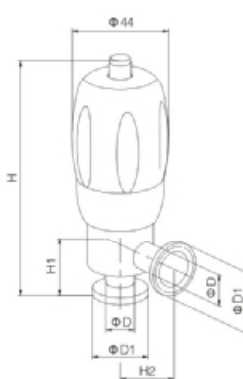
流量Flow Q(M³/h) Q=KV × √P



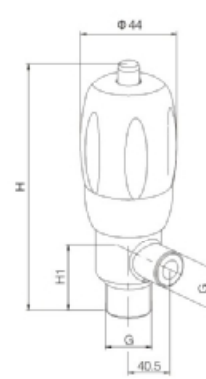
注意：上图表只适用于介质：水(20°C)
Note: above diagram suit for the medium: water(20°C)



NO.MINI-VAQ100S1



NO.MINI-VAQ110S1



NO.MINI-VAQ130S1

焊接Welded

SIZE	D
DN10	12
DN15	18
1/2"	12.7
3/4"	19

卡箍Clamped

SIZE	D	D1	H	H1	H2
DN10	12	34	128.5	36.5	38
DN15	18	34	128.5	36.5	38
1/2"	12.7	25.4	116.5	24.5	30

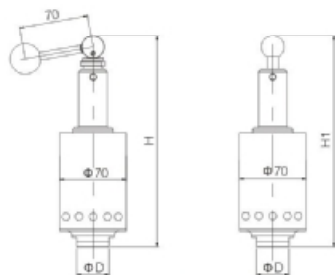
螺纹Male

SIZE	G	H	H1
1/2"	G1/2	121.5	29.5
3/4"	G3/4	121.5	29.5
DN10	G1/2"	127	35
DN15	G1/2"	127	35
DN20	G3/4"	127	35

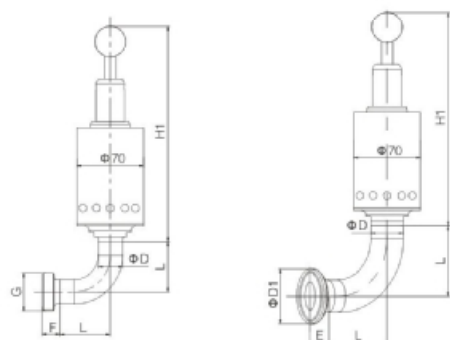
安全阀 Safety valve



安全排气阀
Exhaust Valve

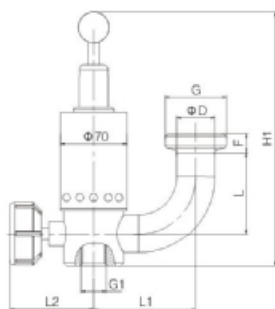


NO.VAQ200S1



玻璃视窗安全阀(螺纹)
NO.VAQ220S1-001

玻璃视窗安全阀(卡箍)
NO.VAQ210S1-001



NO.VAQ220S1-002

玻璃视窗安全排气阀(DIN)

SIZE	D	H	H1
DN15	18	221	225
DN20	22	221	225
DN25	28	221	225
DN32	34	221	225
DN40	40	221	225

玻璃视窗安全排气阀(INCH)

SIZE	D	H	H1
0.75"	19	221	225
1"	25.4	221	225
1.25"	31.8	221	225
1.5"	38.1	221	225

玻璃视窗安全排气阀

SIZE	D	H1	D1	L	E	F	G
DN15	18	225	34	47	12.7	19	-
DN20	22	225	34	52	12.7	20	-
DN25	28	225	50.5	70	12.7	20	Rd52 × 1/6
DN32	34	225	50.5	78	12.7	20	Rd58 × 1/6
DN40	40	225	50.5	85	12.7	20	Rd65 × 1/6

SIZE	D	H1	D1	L	E	F	G
0.75"	19	225	25.4	38	12.7	19	-
1"	25.4	225	50.5	52.4	12.7	18	Rd40 × 1/6
1.25"	31.8	225	50.5	69.7	12.7	20	Rd48 × 1/6
1.5"	38.1	225	50.5	74.6	12.7	20	Rd60 × 1/6

玻璃视窗安全排气阀+压力表

SIZE	G1	D	H1	L	L1	L2	F	G
DN25	BSP1/2"	28	267	70	98	88	20	Rd52 × 1/6
DN32	BSP1/2"	34	267	78	103	88	20	Rd58 × 1/6
DN40	BSP1/2"	40	267	85	107	88	20	Rd65 × 1/6

SIZE	G1	D	H1	L	L1	L2	F	G
1"	BSP1/2"	25.4	267	52.4	80.4	88	19	Rd40 × 1/6
1.25"	BSP1/2"	31.8	267	69.7	94.7	88	18	Rd48 × 1/6
1.5"	BSP1/2"	40	267	74.6	97	88	20	Rd60 × 1/6



CHINA DONJOY TECHNOLOGY CO.,LTD.

DONJOY looking forward to your visit! Your telecommunications!



中国·东正
科技有限公司

地址: 温州龙湾区空港新区港富路25号
总机: 0577-86990888
传真: 0577-86998000

Add : No.25 Gang fu Road,
kong gang new District,
Longwan Wenzhou,China
Tel: +86-577-86990888
Fax: +86-577-86998000
E-mail: donjoy@cndonjoy.com

www.cndonjoy.com

法律声明:

目录样本版本属东正所有, 如有抄袭东正将追究其法律责任和经济赔偿。
东正众多技术设计, 都具有专利保护, 如有抄袭, 东正必将追究法律责任和经济赔偿。