截止换向阀+防混阀+罐底阀 Divert seat valve + Mixing proof valve + Tank bottom valve





ENLARGE ENGINEERING CO,.LTD

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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!



过滤器+人孔 Filter+man hole cover(manway)

卫生管件 Sanitary fittings ASME HPE DIN11852 Be4825 SMS ISO IDF 3A 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.

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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 bas

占地面积29000m²,总投资**12亿**元、新分进ABB工业机器人、日本马扎克5轴加工中心、ABB机器入热光设备。

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.

东正创立于1993年,注册资金5508万,是一家专注于研发高 品质PP过程控制器、阀门定位器、流量控制器,阀门控制单 元、高清净过程控制阀、智能自控阀,高洁净泵、高洁净管 例和管道配件。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。 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 marekt. 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 Trovincial Science and Ttechnology Enterprises, Innovative Enterprises, Patent Model Enterprises, R & D Center, AAA Credit Enterprises.



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

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





Beverage



Water Processing



Brewing



Fine Chemical

制造与检验 Manufacturing and testing



机器人生产线 Robot production line

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。

全自动弯管设备 Automatic pipe bending equipment

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

	3A 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。
CE	PED/97/23/EC & MD/06/42EC 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
FDA	FDA177.2600 东正生产的阀门和泵以及流体设备等、复物科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 PINERPTFE橡胶塑料材料等。
	ISO9001/2008 东正通过中国质量认建中心CQC, ISO9001-2008/GB/T19001-2008企业 质量管理体系认证、其证彩编号: 00108Q24215R1M/3302
	卫生许可证 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。
	高新技术企业 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。
	浙江省著名商标 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。
DONLOV天伯根左国 トジ 活動共計	日建远安先尖利共利 剑鉱制 先利示苏 孤步由人,中心同中位用心心笔入多的苏举江北

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。



◆该换向座阀是一种卫生级单座气动操作阀门,在食品加工工业,饮料生产制药和精细化工工业中有着广泛的应用。

操作原理 Operating principles

- ◆该座區由单作用或双作用的气动执行器自动操作。压缩空气推 动轴来定位阀门开或关的位置。
- 单作用执行器的气缸180度的旋转,实现了阀门的常开和常闭

材质

- ◆和物料接触部分: AISI316L、AISI 304
- ◆其他部分为不锈钢, AISI 304
- ◆密封圖: EPDM根据FDA 177.2600
- ◆内表面处理: Ba<0.8µm</p>
- ◆外表面处理:喷砂、抛光

 The divert seat valve is applied to the food-processing industry, beverage, pharmaceutical and fine chemicals industries.

Operating principles

- Seat valves are operated automatically by a single-acting or a double-acting pneumatic actuator. By supplying compressed air, the shaft is moved to place the valve in the "open" or "closed" position.
- The 1800 rotation of the pneumatic cylinder to realize the interchange of normally open and normally closed.

Materials

- Parts in contact with medium: AISI 316L, AISI 304
- Other parts in stainless steel: AISI 304
- Gasket: EPDM according to FDA 1 77,2600
- \blacklozenge Internal surface finish: Ra<0.8 μ m
- External surface finish: Sandblast or mirror polish



密封特点: 无菌、无死角

弹性压缩,无摩擦,寿命约 真空和高温150℃不脱

Seal Features Sterile, no dead

es, ongevity by approximately 3.000.000 times 150°C not falling the spool Elastic compression Vacuum ar

设计和特点

- ◆简洁有活力的设计
- ◆尺寸从DN25/1"到DN100/4"
- ◆标准为常闭型阀门(NC)
- ◆可以将执行器调头(180°)即可实现常开型阀门(NO)
- ◆根据3A标准卫生设计
- ◆360度可调节外部结构
- ◆通过松开卡箍,就可以简单的拆卸内部部份
- ◆焊接式连接口(毫米或英寸)

技术规范

- ◆规格: DN25-DN100/1"-4"
- ◆工作温度: -10℃到120℃(PPDN)14* F到248° F. 140°C/284° F(SIP 30min)
- ◆最大工作压力: 10b
- ◆压缩空气压力:
- ◆气源连接: G1/8"(B

选项

- 垫圈: FRM(氟橡胶), 符合FDA 177.2600
- ◆连接: DIN, SMS, RJT, IDF
- 双作用气动执行器
- ◆外置传感器
- ▶ 蒸汽消毒(如果轴需要杀菌)
- ◆阀体夹套保温
- ◆阀位调节器
- ◆双阻止执行器
- ◆隔膜式阀腔
- ◆C-TOP控制单元
- ◆表面处理: Ra≤0.5µm
- ◆手动操作

Design and features

- Compact and robust design.
- Size: DN25/1" to DN 100/4"
- Normally closed (NC) in the standard version.
 The valve can be changed (180°) to normally open (NO) by simply reversing the position of the pneumatic actuator
- Hygienic design according to 3A standard
- ♦360° adjustable body
- Easy assembly / disassembly of internal parts by loosening a
- clamp fastener
- Standard weld connection (mm or inch)

Techical specifications

- ◆Size: DN25-DN100/1"-4"
- ◆Working temperature: -10°C to 120°C (EPDM)
 - 14° F to 248° F, 140°C/284° F (SIP, max. 30min)
- Max. Working pressure: 10bar 145PSI
- Compressed air pressure: 5–7bar
- Air connecitons: G1/8" (BSP)

Options

- Gaskets: FPM (viton (R)) in compliance with FDA 177.2600
- Connections: DIN, SMS, RJT, IDF
- Double-acting pneumatic actuator
- External position sensor
- Steam barrier (if shaft sterilisation is required)
- Body jacket insulation
- Valve position regulator
- Double stop actuator
- Diaphragm type valve cavity
- ♦C-TOP control unit
- Surface finish: Ra≤0.5 µ m
- Manual operated.



创新设计 专利保护



H Coutlet SIP/CI

阀位可调节换向阀 Valve position can be adjusted divert seat

技术特点: 可以扳手实现流量调节低成本优势

Technical features: Use wrench to realize flow control, at low cost

阀位调节器 Valve position regulator

调节扳手 Control wrench

隔膜式换向阀 Diaphragm type divert seat valve

技术特点:

该阀门拥有标准换向阀功能 PTFE隔膜隔离了阀门内部与外部 泄漏仓可提供隔膜损坏的情况通过捡漏管提供信息

Technical features:

The valve has the standard function of divert seat valve, PTFE diaphragm isolates valve inside and outside, diaphragm damage can be seen through leakage detective.

检漏管 Leakage detector tube

泄漏仓 Leakage detection

无菌换向阀 Aseptic divert seat valve

技术特点:

该阀门具体有标准换向阀功能 一个可经液体清洗或蒸气消毒的轴的配置, 保证了阀杆被彻底清洗。

Technical features:

The valve has the standard function of divert seat valve Equipped with a stem that can be sterilized by cleaning fluid and steam, Ensure the stem be completely cleaned.





夹套式保温换向阀 Jacketed type insulation divert seat valve

技术特点:

夹套阀外壳,以达到最佳的热传输。 可以保护易凝固敏感的介质,例巧克力,人造黄油或类似的介质 保持液体流动。

Technical features:

Jacketed shell, so as to achieve the best of heat transmission. Can protect easy solidified sensitive medium, For example chocolate, margarine or similar medium keep flowing situation.



双阻止气动换向阀 Double stop pneumatic divert seat valve

技术特点:

调整调节器可以减低执行器运行速度,防止阀芯和阀体撞击, 防止震动还可以延长密封圈寿命。

Technical features:

Adjust regulator can reduce actuator operation moving speed, preventing plug from shocking with valve body.

双阻止调节器 Double stop regulator

薄膜气动截止换向阀 Thin film pneumatic divert seat valve

技术特点:

薄膜式气动换阀,具有标准截止阀换向阀所有的功能。 该阀门技术优势,承受更高的压力,阀门更短的高度,可抗击水 锤,侧面安装定位器实现自动流量调节。

Technical features:

Diaphragm type pneumatic reversal valve, directional valve with standard all functions and features. Technical aclvantages of valve: Under higher pressure, actuator height is shorter, can resist water hammer, sids mounted positioner.











电动截止换向阀 Electric divert seat valve

该电动换向阀具有扭力、行程、自适应功 能,可随意调整开启和关闭的方向电动换 向阀阀分为开关型和调节型两种设计。

The electric reversing valve torque, journey, adaptive function, open and can be adjusted freely Shut down the direction of the electric reversing valves in the valve switch type and external regulation two design.



气动换向阀+位置传感器 Pneumatic divert seat valve + sensor



气动截止换向阀+定位器 Pneumatic divert seat valve + positioner

14.0N25-DN100 该顺位通生调节阀 输入输出信号0-4/20mA 0C24V 防护IP67

1"-4", DN25-DN100 Valve adjust the flow of divert seat valve Input/Output signals 0-4/20mA DC24V Protective IP67

详细资料请查阅自控阀目录



气动截止换向阀+控制单元 Pneumatic divert seat valve + control unit

1"-4", DN25-DN100 DC24V 防护IP67 输出信号DC24V和4-20mA

1"-4", DN25-DN100 DC24V Protective Ip67 Output signals 0-4/20mA and DC24V



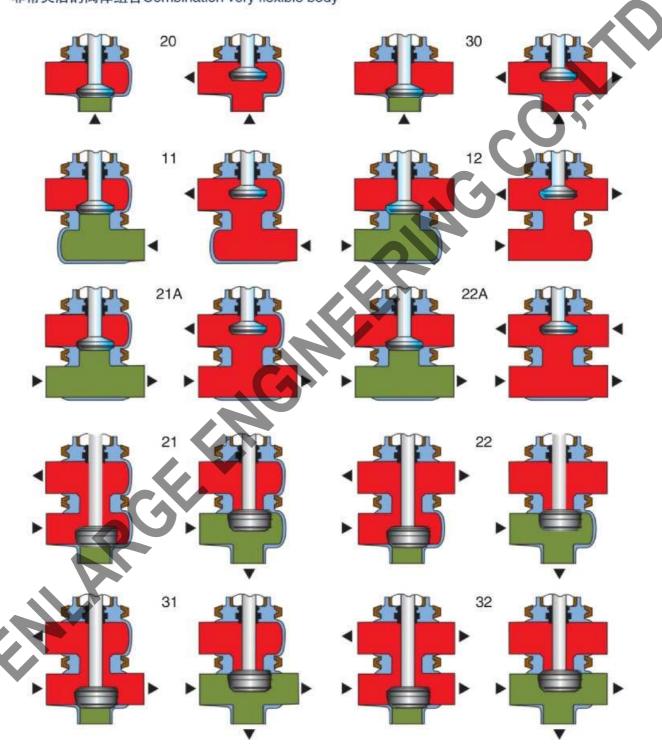
气动截止换向阀+MINI控制单元 Pneumatic divert seat valve + mini control unit

1"-1.5", DN25-DN40 DC24V 防护IP67 输出信号DC24V和4-20mA

1"–1.5", DN25–DN40 DC24V Protective Ip67 Output signals 0–4/20mA and DC24V

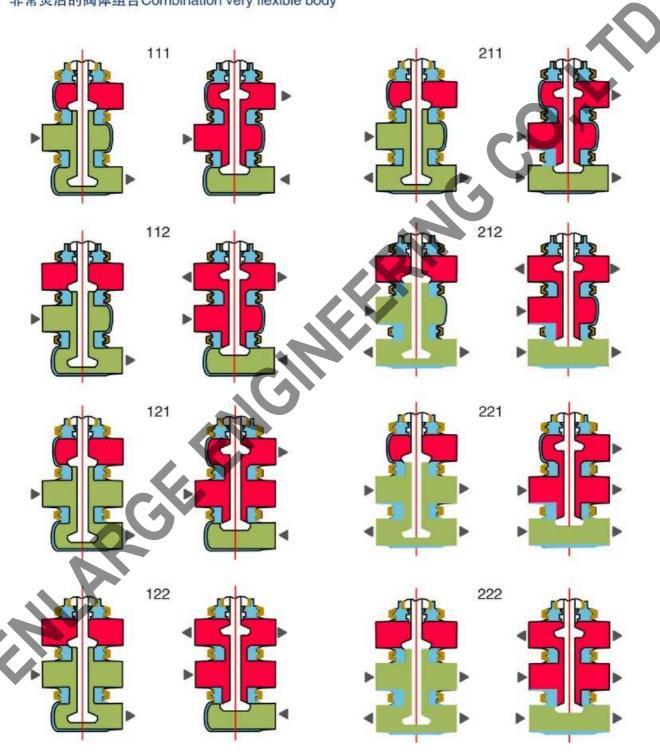






非常灵活的阀体组合Combination very flexible body

注意。这些阀体组合适用于截止换向阀和外部清洗式防混阀 Note: the valve combination is applicable to the valve seat and the external cleaning type anti-mixing valve



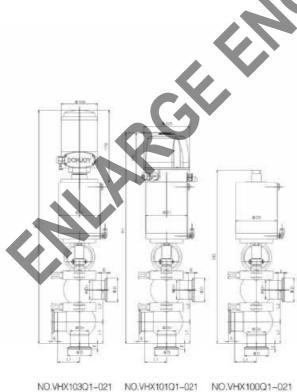
非常灵活的阀体组合Combination very flexible body

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N		消	毛(L/循环) mption (L/O	t)
	AIC	TE D1	WIDDON (E/C 強調/气 Spring/air	
		18.	0.12	0.24
	1	13	0.21	0.42
	1	32	0.45	0.90
6 23	1	80	1.00	2.00
50	21	4	22	a b



NEV

DONJOY

DIN气动换向截止阀 DIN Pneumatic Divert Seat Valve

3

SIZE			HD				12		21		Weight			
0446										1.1	6bar	iübar		(XQ)
DN25				28		50				12.7	6			
DN32	543	500	381	34	50.5	55	67	88	113	12.7	6			
DIN440				40		60				12.7	6			
DN50	613	570	455	52	64	70	76	113	132	12.7	8			
DN65	688	645	511	70	91	99	105	132	180	12,7	15			
DN80	688	645	511	85	106	99	105	132	180	12.7	15			
DN100	808	765	635	104	119	1.14	146	180		15.8	17			

INCH气动换向截止阀 INCH Pneumatic Divert Seat Valve

oraci		1000	0000	(TANK)			12				Weight
SIZE	H		HD	Dn			122	6bar	10bar		(kg)
11				25.4		50				12.7	6
1.25"	543	500	381	31.8	50.5	55	67	88	113	12.7	6
1.5"				38.1		60			2.22	12.7	6
21	613	57D	455	50.8	64	70	76	113	132	12.7	8
2.5*	642	599	472	63.5	77.5	80	88	132	180	12.7	15
3"	688	645	511	76.2	91	99	105	132	180	12.7	15
4"	808	765	635	101.6	119	114	146	180		15.8	17



气动换向截止阀 Pneumatic divert seat valve

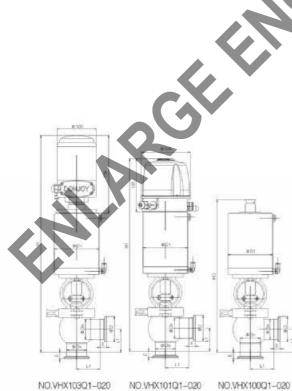


DIN气动换向截止阀 DIN Pneumatic Divert Seat Valve

SIZE H				6		D1			Weight
		, mp.	-DIV			6bar	tobar		(kg)
			28		50			12.7	5
476	433	314	34	50.5	55	88	113	12.7	5
			40		60			12.7	5
537	494	378	52	64	70	113	132	12.7	7
583	540	406	70	91	99	132	180	127	13
583	540	406	85	106	99	132	180	12.7	13
662	619	489	104	119	114	180		15.8	15
	537 583 583	476 433 537 494 583 540 583 540	476 433 314 537 494 378 583 540 406 583 540 406	476 433 314 28 476 433 314 34 637 494 378 52 583 540 406 70 583 540 406 85	476 433 314 28 344 50.5 40 537 494 378 52 64 583 540 406 70 91 583 540 406 85 106	476 433 314 28 50 476 433 314 34 50.5 55 40 60 60 60 537 494 378 52 64 70 583 540 406 70 91 99 583 540 406 85 106 99	476 433 314 34 50.5 55 88 476 433 314 34 50.5 55 88 507 494 378 52 64 70 113 583 540 406 70 91 99 132 583 540 406 85 106 99 132	476 433 314 28 50 88 113 476 433 314 34 50.5 55 88 113 40 60 60 60 60 113 132 583 540 406 70 91 99 132 180 583 540 406 85 106 99 132 180	476 433 314 34 50.5 55 88 113 12.7 476 433 314 34 50.5 55 88 113 12.7 40 60 60 113 12.7 12.7 537 494 378 52 64 70 113 132 12.7 583 540 406 70 91 99 132 180 12.7 583 540 406 85 106 99 132 180 12.7

INCH气动换向截止阀 INCH Pneumatic Divert Seat Valve

SIZE								D1		Weight
SIZE			HD	Dn	D		6bur	10ber		(kg)
17				25.4		50			12.7	5
1.25"	476	433	314	31.8	50.5	55	88	113	12,7	5
1.5"				38.1		60	1		12.7	5
2	537	494	378	50,8	64	70	113		12.7	7
2.5"	554	511	384	63.5	77,5	80	132	132	12.7	13
3	583	540	406	76.2	91	99	132	180	12.7	13
- 4'	662	619	489	101.6	119	114	180	180	15.8	15





INCH手动换问	截止阀
INCH Manual E	Divert Seat Valve

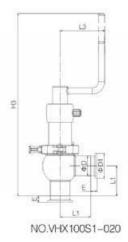
SIZE		H2	нз	a .	b	LI	1.2	L3		Weight (kg)	Weight (kg)	Weight (kg)
1'		393	326	25.4		50			12.7	4	з	2
1.25"		398	331	31.8	50.5	55	67	86	12.7	4	3	2
1.5"	440	403	336	38.1		60			12.7	. 4	з	2
2	489	446	370	50.8	64	70	76	86	12.7	5	4	3
2,5"	526	476	386	63.5	77.5	80	88	86	12.7	8	ō	5
3"	579	520	415	76.2	91	99	105	86	12.7	10	8	6
4"	702	576	430	101.6	1.19	114	146	86	15.8	15	12	9

产品重量表格对应: NO.VHX100S1-020=3; NO.VHX100S1-021=2; NO.VHX100S1-111=1

NN Ma	nual D	ivert Se	eat Valv	/e						1		
577	HI	H2	H3	D	D/1	11	12	13	E	Weight (kg)	Weight (kg)	Weight (Kg)
DN25	12	393	326	28		50			12.7	4	з	2
DN32	194	398	331	34	50.5	55	67	86	12.7	4	з	2
DN4D	440	403	336	40	153 Million P	60			12.7	4	3	2
DN50	489	446	370	52	64	70	76	38	12.7	5	4	3
DN65	579	520	386	70	91	99	105	86	12.7	10	8	б
DINBO	579	520	415	85	106	99	105	86	12.7	10	8	6
DN100	702	576	430	104	119	114	146	86	15.8	15	12	9

产品重量表格对应; NO. VHX100S1-020=3; NO.VHX100SQ-021=2; NO. VHX100S1-111=1







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薄膜气动截止换向阀 Thin film pneumatic divert seat valve

技术特点

薄膜式气动换阀,具有标准截止阀换向阀所有的功能。 该阀门技术优势,承受更高的压力,阀门更短的高度,可抗击水 锤,侧面安装定位器实现自动流量调节。

Technical features

Diaphragm type pneumatic reversal valve, directional valve with standard all functions and features. Technical aclvantages of valve: Under higher pressure, actuator height is shorter, can resist water hammer, sids mounted positioner.

技术规格Technical specifications

SIZE: 2"-6", DN50-DN150 材质: 316L/304 压力: 10bar, 20bar(选项) 温度: -10℃到130℃

Size: 2"-6", DN50-DN150 Material: 316L/304 Pressure: 10bar, 20bar(选项) Tempreture: -10℃ to 130℃

(D.)

11型

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20世

DIN薄膜气动截止换向阀 DIN Pneumatic Divert Seat Valve

DN50	52	64	70	200	12.7	310	-401
INGS	70	91	99		12.7	391	507
0983	85	106	99	286	12.7	391	507
185100	104	119	114		15.8	443	560

NO. vHX600Q1

迷你型换向阀 Mini-type divert seat valve

应用

设计特点

◆密封一体式设计

◆可满足高频率启、闭

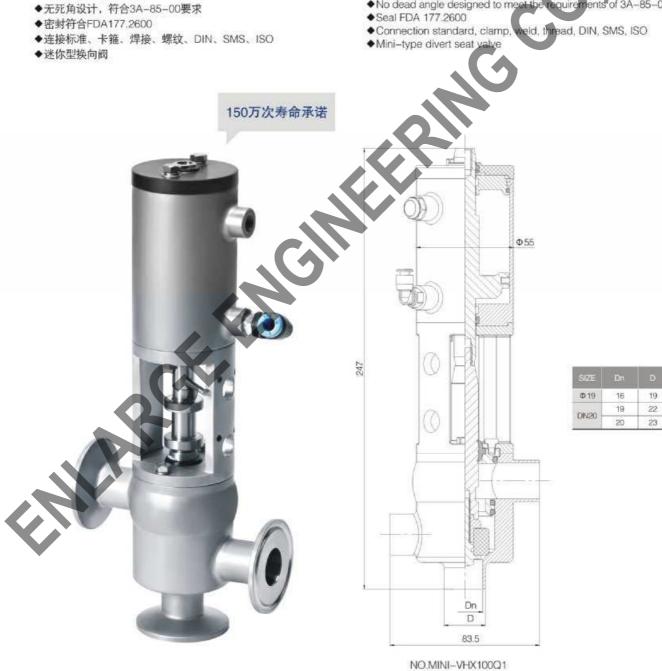
该阀门特别适合用于灌装机设备上,可以替代传统型的转阀。

Applications

The valve is particularly suitable for filling machine, can retraditional rotary valve.

Design features

- ◆Seal-in-one piece design
- Meet high-frequency on/off
- No dead angle designed to meet the ents of 3A-85-00 auire









CHINA DONJOY Stern Completion TECHNOLOGY CO., LTD.

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