Dofun
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工业制冷控制元件

Industrial Refrigeration Control Components

选型图册

Atlas For Selecting Models

山东东阀制冷科技有限公司
Shandong DoFun Refrigeration Technology Co., Ltd



国际东阀
International Dofun
绿 色 制 冷
Green Refrigeration

Dofun®

高端制冷阀门制造商

Committed To Promoting
The Quality Process Of The Valve Industry

致 力 于 推 进 阀 门 行 业 的 品 质 化 进 程

随着现代化生产的快速增长,产品类别和产品型号数量增长迅速,由此带来研发、生产、服务等成本的快速升高,在此背景下,东阀引入产品模块化设计DOFUN-CTP共享平台,有效降低成本、提高产品对市场的快速响应能力,同时生产出满足客户多样化需求的全球化产品。

DOFUN-CTP共享平台是一种高效的生产方式,通过模块化的应用,不仅可以共享部分阀门零部件,同时可在外形和连接尺寸等方面根据产品需求进行不同的定制。

统一规格的配件,有效降低库存成本。
在不拆卸管道的前提下,通过功能模块的快速转换,实现不同的功能。
简化选型过程,增加系统设计、安装维护的灵活性。



With the rapid growth of modern production, the number of product categories and models is growing rapidly, which leads to the rapid rise of R & D, production, service and other costs. In this context, dongvalve introduces the dofun-ctp sharing platform of product modular design, which can effectively reduce costs, improve the rapid response ability of products to the market, and produce global products to meet the diversified needs of customers.

Dofun-ctp sharing platform is an efficient production mode. Through modular application, it can not only share some valve parts, but also customize the shape and connection size according to the product requirements.

Uniform specifications of accessories, effectively reduce inventory costs.
Under the premise of not dismantling the pipeline, different work forms can be realized by fast conversion of function modules.
Simplify the selection process, increase the flexibility of system design, installation and maintenance.

Dofun®

Shandong DoFun Refrigeration Technology Co., Ltd

公司简介
Company Profile

山东东阀制冷科技有限公司坐落在历史文化底蕴丰富，风景优美秀丽的运河古都---聊城。

东阀注册资金2000万元，占地30余亩，并在烟台设有50余亩的工业园，拥有现代化厂房面积10000余平方米，并配备多条世界先进水平的阀门生产线及试验测试台。主营产品有截止阀、止回阀、截止止回阀、节流阀、过滤器、功能阀等，公司技术力量雄厚、生产设备精良、检测手段齐全，严格的体系管理，可靠的产品，以及不断的产品创新，使公司生产的各种材质的阀门产品广泛应用于制冷、石化、炼油、核电、化工、冶金、矿山、医药、食品、国防、军工等领域，在国内外具有很高的知名度和影响力，并取得了显著的成绩。

东阀一直秉承现代化企业先进的管理模式，依托高新技术优势，本着“安全节能增效，实现持续发展”的质量方针，遵循“启于己心，止于至善”的核心理念，坚持“质量为本，用户至上，竭诚服务”的宗旨，不懈努力，加倍奋斗，为国内外新老客户提供更优质的产品和专业的服务。展望未来，我们将以更新、更高的全面服务，立足本土，辐射全球营销网络体系，确保品牌向未来无限延伸，创造阀门新纪元，最终发展成为泵阀行业尖端制造工艺的生产商和领导者。

东阀的真正含义不只是实现心中所想，而是要把每一件东阀产品，都精雕细琢成金属艺术品，这将是我们为之奋斗不息的目标。

当世界上的人们还在这一步争分夺秒时，我们已经在下一步昂首启航!

东阀科技，只做更好的!

Shandong Dofun Refrigeration Technology Co.,Ltd,it is located in Liaocheng, the ancient capital of the canal with rich historical and cultural heritage and excellent scenery.

Dofun has a registered capital of 50 million yuan, covers an area of more than 30 acres, and has an industrial park of more than 50 acres in Yantai, with a modern plant area of more than 10,000 square meters, and is equipped with a number of world-advanced valve production lines and test benches.The main products are stop valves, check valves, stop check valves, regulating valves, filters, functional valves, etc.The company's strong technical force, sophisticated production equipment, complete testing methods, strict management system, reliable products, and continuous product innovation make the company's valve products of various materials widely used in refrigeration, petrochemical, oil refining, nuclear power, chemical engineering, metallurgy, mining, medicine, food, national defense, military industry and other fields.It has a high reputation and influence at domestic and foreign, and has achieved remarkable results.

Dofun has always been adhering to the advanced management model of a modern enterprise, relying on high-tech advantages, in line with the quality policy of "safety, energy saving and efficiency enhancement, achieving sustainable development", following the concept of "pragmatism, innovation, and endless pursuit", adhere to the tenet of "quality-oriented, customer first, and dedicated service",make unremitting efforts and redouble our efforts to provide better products and professional services to new and old customers at domestic and foreign.Looking to the future, we will base ourselves on the new and higher comprehensive service, radiate the global marketing network system, ensure the unlimited extension of the brand to the future, create a new era of valves, and eventually develop into a manufacturer and leader in the pump and valve industry.

The true meaning of Dofun is not only to realize what we think in mind, but to make every Dofun product into a metal artwork. This will be the goal for us to strive for.

While people in the world are still racing against time at this step, we are already heading for the next step!

Dofun, to be better!

Dofun

高 端 制 冷 阀 门 制 造 商





































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功能阀系列 简述

Brief Introduction Of Function Valve Series

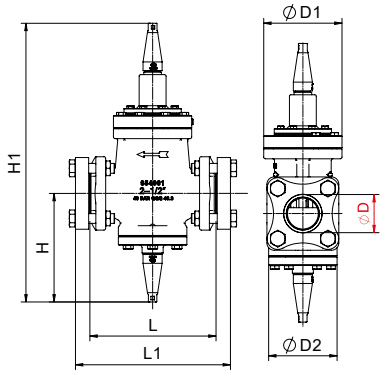
名称 Product Name	外型 Appearance	型号 Model	功能 Function	动作 Action	应用 Application
入口压力调节阀 Inlet Pressure Regulating Valve		IPRV DN25-DN125	控制入口压力 Control inlet pressure	入口压力高于设定值时开启. It will be open when the inlet pressure is higher than the set value.	1、蒸发器压力控制 Evaporator pressure control 2、冷凝器压力控制 Condenser pressure control 3、任何入口压力控制 Any inlet pressure control
入口压力调节阀（电磁强关） Inlet Pressure Regulating Valve （Solenoid Forced Close）		IPRV-1C DN25-DN125	控制入口压力或关闭调节阀 Control inlet pressure or close regulating valve	得电时按照预设压力值调节，断电时关闭阀门. It is adjusted according to the preset pressure value when the power is on, and closes the valve when the power is off.	1、温度、压力控制时开启 Trun on when temperature and pressure are controlled 2、除霜时关闭 Turn off when defrosting
入口压力调节阀（电磁强开） Inlet Pressure Regulating Valve （Solenoid Forced Open）		IPRV-1N DN25-DN125	控制入口压力或全开调节阀 Control inlet pressure or fully open regulating valve	得电时全开阀门，断电时按照预设压力值调节. It will make the valve open fully when the power is on, and adjust according to the preset pressure value when the power is off.	1、最大冷却时全开 It will fully open when fully cooled. 2、除霜时调节 Adjust during defrosting 3、温度、压力控制时调节 Adjust during temperature and pressure control
出口压力调节阀 Outlet Pressure Regulating Valve		OPRV DN25-DN65	控制出口压力 Control outlet pressure	按照预设压力值调节出口压力，出口压力下降时打开. It can adjust the outlet pressure according to the preset pressure value and open it when the outlet pressure drops.	1、曲轴箱压力调节 Crankcase pressure adjustment 2、热气旁通，低压加载 Hot gas by pass, low pressure loading 3、储液器压力控制 Reservoir pressure control
出口压力调节阀（电磁强开） Outlet Pressure Regulating Valve (Solenoid Forced Open)		OPRV-1N DN25-DN65	控制出口压力或全开调节阀 Control outlet pressure or fully open regulating valve	得电时全开阀门，断电时按照预设压力值调节. It will make the valve open fully when the power is on, and adjust according to the preset pressure value when the power is off.	1、曲轴箱压力调节 Crankcase pressure adjustment 2、热气旁通，低压加载 Hot gas by pass, low pressure loading 3、储液器压力控制 Reservoir pressure control
压差调节阀 Differential Pressure Regulating Valve		DPAV DN25-DN125	控制入口与出口的压力差 Control the pressure difference between inlet and outlet	压力低于设定值时调节压差 It can adjust the pressure difference when the pressure is lower than the set value	1、供液泵泄压调节 Liquid supply pump pressure relief regulation 2、减小介质管路压力 Reduce pressure of media line

名称 Product Name	外型 Appearance	型号 Model	功能 Function	动作 Action	应用 Application
压差调节阀（电磁强开） Differential Pressure Regulating Valve (Solenoid Forced Open)		DPAV-1N DN25-DN125	控制入口与出口的压力差 Control the pressure difference between inlet and outlet	压力低于设定值时调节压差,得电时全开阀门 It can adjust the pressure difference when the pressure is lower than the set value.It will make the valve open fully when the power is on.	1、供液泵泄压调节 Liquid supply pump pressure relief regulation 2、减小介质管路压力 Reduce pressure of media line 3、最大压力、流量全开 Maximum pressure;Flow fully open
双级压力压差调节阀 Inlet And Differeital Pressure Regulating Valve		DPCV-L DN32-DN125	压力压差双级压力控制 Pressure differential two-stage pressure control	双电磁阀压力控制 Double solenoid valve pressure control	1、冷凝压力控制 Condensing pressure control 2、除霜时调节 Adjust when defrosting
气动电磁阀 Gas Powered Valve		DGPV DN25-DN125	常开型，动作后全关闭 Normally open type, fully closed after action	外部高压气源、电磁阀控制活塞切断管路 Externally connected with high-pressure air source;Solenoid Valve controls the piston to cut off pipeline	1、低压回气管路 Low pressure return air pipeline 2、热气融霜 Hot air melting frost
两步开启气动阀（常闭） Two-Step Gas Powered Valve (Normally Closed)		DGPV-2C DN25-DN125	两步式开启阀门 Two-Step type open valve	外部高压气源控制第一步得电时打开阀10%第二步全开 Externally connected with high-pressure air source. Step 1: open the valve 10% when power is on. Step 2: Fully open.	热气融霜 Hot air melting frost
电磁阀 Solenoid Valve		DGSV DN10-DN125	打开或关闭系统 Open or close system	得电全开或关闭阀门 It can open fully or close when the power on.	1、吸气管路 Suction pipeline 2、液态管路 Liquid pipeline 3、热气融霜 Hot air melting frost
两步开启电磁阀 Two-Step Open Solenoid Valve		DGSV-2C DN25-DN125	两步式开启阀门 Two-Step type open valve	内部高压气源控制断电紧急关闭 Internal high-pressure air source control. Emergency shut down when the power is off.	1、压缩机排气 Compressor exhaust 2、需要紧急切断管路 There is need to cut off the pipeline urgently

1、技术参数 Technical Parameter

- 公称通径：DN25-DN125
  Nominal Diameter: DN25-DN125
- 压力调整范围：A:0～10.3bar　D:5.2～19.3bar
  Pressure Adjustment Range: A:0～10.3bar　D: 5.2～19.3bar
- 公称压力：2.8MPa
  Nominal Pressure: 2.8MPa
- 适用介质：R12,R22,R502,R134a,R404a,R507,R717等制冷剂。
  Applicable Medium: R12,R22,R502,R134a,R404a,R507,R717 and other refrigerants.
- 适用温度：-46℃～+120℃
  Applicable Temperature: -46 ℃ ～ + 120 ℃
- 本产品具备手动开启功能，保证系统可靠运行。
  The product has a manual opening function to ensure the reliable operation of the system.
- 连接方式：两端法兰
  Connection Method: flanges at both ends.





2、说明 Instruction

IPRV入口压力调节阀用于蒸发器、冷凝器压力控制，其它任何入口压力控制，确保阀前压力低于导阀压力设定值。
The IPRV is a pressure regulating valve for pressure control of evaporator, condenser pressure and other refrigeration system inlet pressure,to ensure that the pressure before the valve is lower than the pilot valve pressure setting valve.

3、订货 Order Goods

- 订货时指定型号、设定压力值、压力调整范围
  Please tell us the model ,set pressure value and pressure adjustment range you want when ordering.
- 例:IPRV50-D, 9bar
  E.g.:IPRV50-D, 9bar
  表示：DN50入口压力调节阀，
  It means DN50 Inlet Pressure Regulating Valve,
  出厂设定压力：9bar
  Factory Setting Pressure : 9bar
  压力调节范围5.2～19.3bar
  Pressure Adjustment Range 5.2～19.3bar
  如不指定设定压力和压力调整范围：该阀门出厂默认压力值为10bar，压力调整范围为D
  If the set pressure and the Pressure Adjustment Range are not specified, the factory default Pressure Value is 10bar, Pressure Adjustment Range is D.

入口压力调节阀 Inlet Pressure Regulating Valve

型号 Model	通径 Nominal Diameter (DN)	尺寸 Size (mm)						
		ϕD	ϕD1	ϕD2	L	L1	H	H1
IPRV	25	34	117	108	194	231	210	498
	32	40	117	108	194	231	210	498
	40	47	144	140	246	301	234	569
	50	59	144	140	246	301	234	569
	65	78	159	140	252	316	234	585
	80	91	176	170	311	376	337	702
	100	110	222	195	359	433	355	760
	125	135	257	235	394	471	361	748

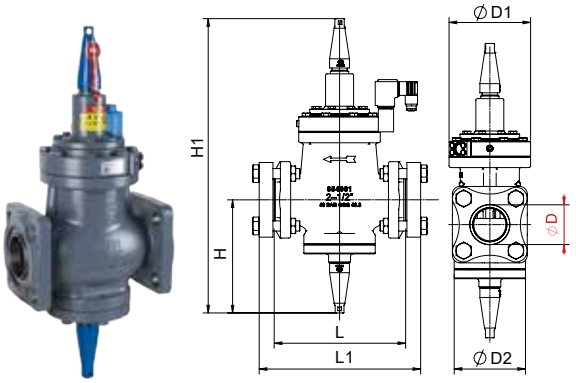
入口压力调节阀(电磁强关) IPRV-1C

Inlet Pressure Regulating Valve(Solenoid Forced Close) IPRV-1C Type

Dofun

1、技术参数 Technical Parameter

- 公称通径：DN25-DN125
  Nominal Diameter: DN25-DN125
- 压力调整范围：A:0～10.3bar D:5.2～19.3bar
  Pressure Adjustment Range: A:0～10.3bar D:5.2～19.3bar
- 公称压力：2.8MPa
  Nominal Pressure: 2.8MPa
- 适用介质：R12,R22,R502,R134a,R404a,R507,R717等制冷剂。
  Applicable Medium: R12,R22,R502,R134a,R404a,R507,R717 and other refrigerants.
- 适用温度：-46℃～+120℃
  Applicable Temperature: -46 ℃ ～ + 120 ℃
- 本产品具备手动开启功能，保证系统可靠运行。
  The product has a manual opening function to ensure the reliable operation of the system.
- 连接方式：两端法兰
  Connection Method: flanges at both ends.



2、说明 Instruction

IPRV-1C入口压力调节阀（电磁强关）和IPRV入口压力调节阀一样，控制入口压力，带有强制关闭功能，得电时调节，失电时关闭。得电时，当入口压力超过导阀的设定压力时，主阀开启，压力低于设定值时主阀关闭；失电时压力导阀进气口关闭，主阀关闭。适用于温度控制时开启、除霜时关闭

The IPRV-1C is the same as the IPRV inlet pressure regulating valve,which controls the inlet pressure and has a function of forced shut-off. It is adjusted when power is turned on and closed when power is turned off. When power is on: the main valve opens when the inlet pressure exceeds the set pressure of the pilot valve, and the main valve closes when the pressure is lower than the set value; when the power is off,inlet of the pressure pilot valve closes and the main valve closes. Suitable for opening during temperature control and closing during defrosting.

3、订货 Order Goods

- 订货时指定型号、设定压力值、压力调整范围
  Please tell us the model , set pressure value and pressure adjustment range you want when ordering.
  例:IPRV40-1CD, 9bar
  E.g.:IPRV40-1CD, 9bar
  表示：DN40入口压力调节阀(电磁强关），
  It means DN40 Inlet Pressure Regulating Valve(Solenoid Forced Close),
  压力调节范围5.2～19.3bar
  Pressure Adjustment Range 5.2～19.3bar
  出厂设定压力：9bar
  Factory Setting Pressure: 9bar
  如不指定设定压力和压力调整范围：该阀门出厂默认压力值为10bar，压力调整范围为D
  If the set pressure and the Pressure Adjustment Range are not specified, the factory default Pressure Value is 10bar, Pressure Adjustment Range is D.

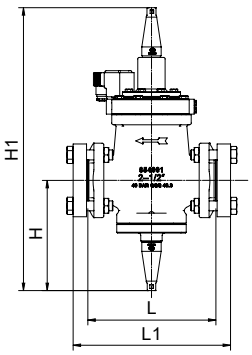
入口压力调节阀（电磁强关）Inlet Pressure Regulating Valve (NO)

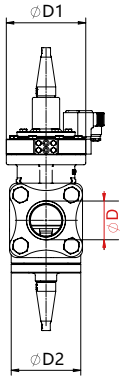
型号 Model	通径 Nominal Diameter (DN)	尺寸 Size (mm)						
		ϕD	ϕD1	ϕD2	L	L1	H	H1
IPRV-1C	25	34	117	108	194	231	210	498
	32	40	117	108	194	231	210	498
	40	47	144	140	246	301	234	569
	50	59	144	140	246	301	234	569
	65	78	159	140	252	316	234	585
	80	91	176	170	311	376	337	702
	100	110	222	195	359	433	355	760
	125	135	257	235	394	471	361	748

1、技术参数 Technical Parameter

- 公称通径：DN25-DN125
  Nominal Diameter: DN25-DN125
- 压力调整范围：A:0～10.3bar D:5.2～19.3bar
  Pressure Adjustment Range: A:0～10.3bar D:5.2～19.3bar
- 公称压力：2.8MPa
  Nominal Pressure: 2.8MPa
- 适用介质：R12,R22,R502,R134a,R404a,R507,R717等制冷剂。
  Applicable Medium: R12,R22,R502,R134a,R404a,R507,R717 and other refrigerants.
- 适用温度：-46℃～+120℃
  Applicable Temperature: -46 ℃ ～ + 120 ℃
- 本产品具备手动开启功能，保证系统可靠运行。
  The product has a manual opening function to ensure the reliable operation of the system.
- 连接方式：两端法兰
  Connection Method: flanges at both ends.







2、说明 Instruction

IPRV-1N入口压力调节阀（电磁强开）和IPRV入口压力调节阀一样，控制入口压力。带有强制打开功能，失电时调节，得电时全开。失电时，当入口压力超过导阀的设定压力时，主阀开启，压力低于设定值时主阀关闭；得电时，介质直接通过电磁阀进入活塞上部，主阀全部打开。适用于最大冷却时全开，除霜和温度控制时调节。

The IPRV-1N is same as the IPRV Inlet Pressure Regulating Valve, which controls the inlet pressure. It is with forced opening function, it can adjust when the power is off, and fully opened when power is on.Power is off, the main valve opens when the inlet pressure exceeds the set pressure of the pilot valve. The main valve closes when the pressure is lower than the set value; When power is on, the medium directly enters the upper part of the piston through the Solenoid Valve, and the main valve is fully opened. It is suitable for full opening during maximum cooling and adjustment during defrosting and temperature control.

3、订货 Order Goods

- 订货时指定型号、设定压力值。
  Please tell us the model ,set pressure value and pressure adjustment range you want when ordering.
- 例:IPRV40-1ND, 9bar
  E.g.:IPRV40-1ND, 9bar
  表示：DN40入口压力调节阀(电磁强开），
  It means DN40 Inlet Pressure Regulating Valve（Solenoid Forced Open）

压力调节范围5.2～19.3bar
Pressure Adjustment Range 5.2～19.3bar
出厂设定压力：9bar
Factory Setting Pressure: 9bar
如不指定设定压力和压力调整范围：该阀门出厂默认压力值为10bar，压力调整范围为D
If the set pressure and the Pressure Adjustment Range are not specified, the factory default Pressure Value is 10bar, Pressure Adjustment Range is D.

入口压力调节阀（电磁强开）Inlet Pressure Regulating Valve (NC)

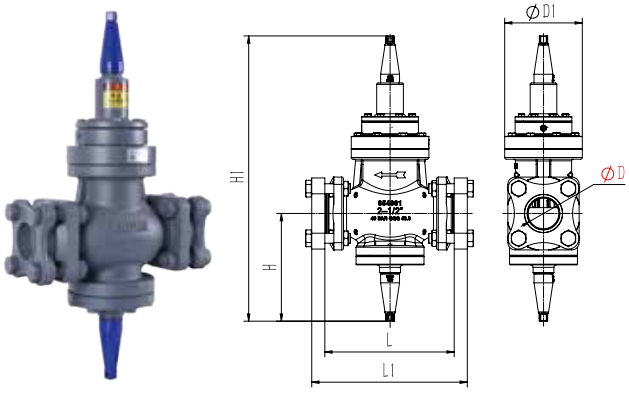
型号 Model	通径 Nominal Diameter (DN)	尺寸 Size (mm)						
		ϕD	ϕD1	ϕD2	L	L1	H	H1
IPRV-1N	25	34	117	108	194	231	210	498
	32	40	117	108	194	231	210	498
	40	47	144	140	246	301	234	569
	50	59	144	140	246	301	234	569
	65	78	159	140	252	316	234	585
	80	91	176	170	311	376	337	702
	100	110	222	195	359	433	355	760
	125	135	257	235	394	471	361	748

出口压力调节阀 OPRV

Outlet Pressure Regulating Valve OPRV Type

1、技术参数 Technical Parameter

- 公称通径：DN25-DN65
  Nominal Diameter: DN25-DN65
- 压力调整范围：A:0～10.3bar　D:5.2～19.3bar
  Pressure Adjustment Range: A:0～10.3bar　D:5.2～19.3bar
- 公称压力：2.8MPa
  Nominal Pressure: 2.8MPa
- 适用介质：R12,R22,R502,R134a,R404a,R507,R717等制冷剂。
  Applicable Medium: R12,R22,R502,R134a,R404a,R507,R717 and other refrigerants.
- 适用温度：-46℃～+120℃
  Applicable Temperature: -46 ℃ ～ + 120 ℃
- 本产品具备手动开启功能，保证系统可靠运行。
  The product has a manual opening function to ensure the reliable operation of the system.
- 连接方式：两端法兰
  Connection Method: flanges at both ends.



2、说明 Instruction

OPRV出口压力调节阀适用于控制出口压力，用于避免出口压力低于预定的设定值，根据预设压力值调节出口压力，出口压力下降时打开，来控制冷凝器压力或作为曲轴箱压力调节阀控制吸气压力。

The OPRV is suitable for controlling the outlet pressure. It is used to prevent the outlet pressure from being lower than the predetermined set value. The outlet pressure is adjusted according to the preset pressure value. When the outlet pressure drops, it opens to control the condenser pressure or as the crankcase pressure regulating valve to control the suction pressure.

3、订货 Order Goods

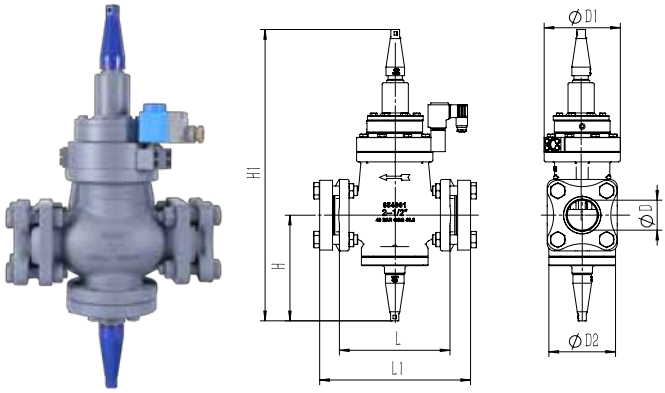
- 订货时指定型号、设定压力值、压力调节范围
  Please tell us the model ,set pressure value and pressure adjustment range you want when ordering.
- 例:OPRV40-A, 7bar
  E.g.:OPRV40-A, 7bar
  表示：DN40出口压力调节阀，
  It means DN40 Outlet Pressure Regulating Valve,
  压力调节范围A: 0～10.3bar
  Pressure Adjustment Range A: 0～10.3bar
  出厂设定压力：7bar
  Factory Setting Pressure: 7bar
  如不指定设定压力和压力调整范围：该阀门出厂默认压力值为7bar，压力调整范围为A
  If the set pressure and the Pressure Adjustment Range are not specified, the factory default Pressure Value is 7bar, Pressure Adjustment Range is A.

出口压力调节阀 Outlet Pressure Regulating Valve

型号 Model	通径 Nominal Diameter (DN)	尺寸 Size (mm)						
		ϕD	ϕD1	ϕD2	L	L1	H	H1
OPRV	25	34	117	108	194	231	210	545
	32	40	117	108	194	231	210	545
	40	47	144	140	246	301	234	595
	50	59	144	140	246	301	234	595
	65	78	159	140	252	316	234	610

1、技术参数 Technical Parameter

- 公称通径：DN25-DN65
  Nominal diameter: DN25-DN65
- 压力调整范围：A:0～10.3bar　D:5.2～19.3bar
  Pressure Adjustment Range: A:0～10.3bar　D:5.2～19.3bar
- 公称压力：2.8MPa
  Nominal Pressure: 2.8MPa
- 适用介质：R12,R22,R502,R134a,R404a,R507,R717等制冷剂。
  Applicable Medium:R12,R22,R502,R134a,R404a,R507,R717 and other refrigerants.
- 适用温度：-46℃～+120℃
  Applicable Temperature: -46 ℃ ～ + 120 ℃
- 本产品具备手动开启功能，保证系统可靠运行。
  The product has a manual start function to ensure the reliable operation of the system.
- 连接方式：两端法兰
  Connection Method: flanges at both ends.



2、说明 Instruction

OPRV出口压力调节阀(电磁强开）适用于控制出口压力，用于出口压力低于预定的设定值，根据预设压力值调节出口压力，出口压力下降时打开，来控制冷凝器压力或作为曲轴箱压力调节阀控制吸气压力，电磁阀得电时，全开阀门。

The OPRV-1N is suitable for controlling the outlet pressure. It is used to adjust the outlet pressure according to the preset pressure value when the outlet pressure is lower than the preset value. When the outlet pressure drops, it opens to control the condenser pressure or act as The crankcase pressure regulating valve controls the suction pressure, and when the solenoid valve is energized, the valve is fully opened.

3、订货 Order Goods

- 订货时需指定型号、设定压力值、压力调节范围
  Please tell us the model,set pressure value and pressure adjustment range you want when ordering.
- 例:OPRV40-1NA, 4bar
  E.g.:OPRV40-1NA 4bar
  表示：DN40出口压力调节阀(电磁强开），
  It is means DN40 Outlet Pressure Regulating Valve(Solenoid Forced Open)
  压力调节范围A: 0～10.3bar
  Pressure Adjustment Range A:0～10.3bar

出厂设定压力：7bar
Factory Setting Pressure:7bar
如不指定压力，压力调整范围：出厂默认7bar，压力调整范围D
If the set pressure is not specified,the Pressure Adjustment Range is factory default 4bar,Pressure Adjustment Range is D.

出口压力调节阀（电磁强开）Outlet Pressure Regulating Valve(NC)

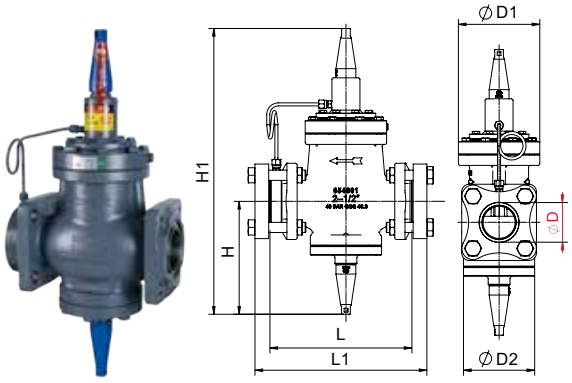
型号 Model	通径 Nominal Diameter（DN）	尺寸 Size（mm）						
		ϕD	ϕD1	ϕD2	L	L1	H	H1
OPRV-1N	25	34	117	108	194	231	210	555
	32	40	117	108	194	231	210	555
	40	47	144	140	246	301	234	605
	50	59	144	140	246	301	234	605
	65	78	159	140	252	316	234	622

压差调节阀 DPAV

Differential Pressure Regulating Valve DPAV Type

1、技术参数 Technical Parameter

- 公称通径：DN25-DN125
  Nominal Diameter: DN25-DN125
- 压力调整范围：A:0～10.3bar　D:5.2～19.3bar
  Pressure Adjustment Range: A:0～10.3bar　D:5.2～19.3bar
- 公称压力：2.8MPa
  Nominal Pressure: 2.8MPa
- 适用介质：R12,R22,R502,R134a,R404a,R507,R717等制冷剂。
  Applicable Medium:R12,R22,R502,R134a,R404a,R507,R717 and other refrigerants.
- 适用温度：-46℃～+120℃
  Applicable Temperature: -46 ℃ ～ + 120 ℃
- 本产品具备手动开启功能，保证系统可靠运行。
  The product has a manual opening function to ensure the reliable operation of the system.
- 连接方式：两端法兰
  Connection Method: flanges at both ends.



2、说明 Instruction

DPAV压差调节阀当进口、出口压力差低于设定的压力值时，调节压差，根据设定压差值开启或关闭，适用于供液泵泄压调节或可以减少介质管路压力。
The DPAV adjusts the pressure difference when the inlet and outlet pressure difference is lower than the set pressure value, and opens or closes according to the set pressure difference value. It is suitable for the pressure adjustment of the liquid supply pump or can reduce the pressure of the medium line.

3、订货 Order Goods

- 订货时指定型号、设定压力值、压力调整范围
  Please tell us the model ,set pressure value and pressure adjustment range you want when ordering.
- 例:DPAV40-A, 4bar
  E.g.:DPAV40-A, 4bar
  表示：DN40压差调节阀，
  It means DN40 Differential Pressure Regulating Valve

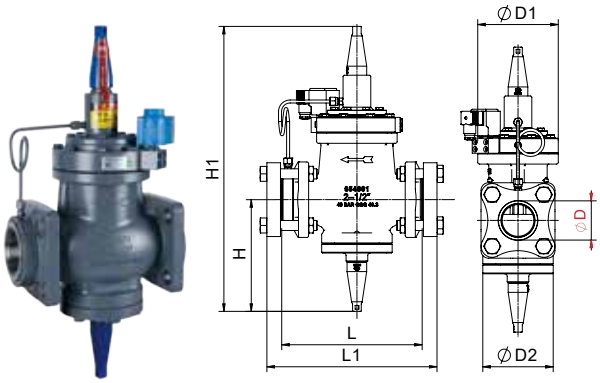
压力调节范围0～10.3bar
Pressure Adjustment Range 0～10.3bar
出厂设定压力：4bar
Factory setting pressure: 4bar
如不指定设定压力和压力调整范围：该阀门出厂默认压力值为4bar，压力调整范围为A
If the set pressure and the Pressure Adjustment Range are not specified, the factory default Pressure Value is 4bar, Pressure Adjustment Range is A.

压差调节阀 Differential Pressure Regulating Valve

型号 Model	通径 Nominal Diameter (DN)	尺寸 Size (mm)						
		ϕD	ϕD1	ϕD2	L	L1	H	H1
DPAV	25	34	117	108	194	252	210	498
	32	40	117	108	194	252	210	498
	40	47	144	140	274	325	234	580
	50	59	144	140	274	325	234	580
	65	78	159	140	277	356	234	595
	80	91	176	170	336	397	337	628
	100	110	222	195	384	475	355	684
	125	135	257	235	418	500	410	763

1、技术参数 Technical Parameter

- 公称通径：DN25-DN125
  Nominal Diameter: DN25-DN125
- 压力调整范围：A:0～10.3bar　D:5.2～19.3bar
  Pressure Adjustment Range: A: 0～10.3bar　D: 5.2～19.3bar
- 公称压力：2.8 MPa
  Nominal Pressure: 2.8MPa
- 适用介质：R12,R22,R502,R134a,R404a,R507,R717等制冷剂。
  Applicable Medium: R12,R22,R502, R134a,R404a,R507,R717 and other refrigerants.
- 适用温度：-46℃～+120℃
  Applicable Temperature: -46 ℃ ～ + 120 ℃
- 本产品具备手动开启功能，保证系统可靠运行。
  The product has a manual opening function to ensure the reliable operation of the system.
- 连接方式：两端法兰
  Connection Method: flanges at both ends.



2、说明 Instruction

DPAV-1N压差调节阀（电磁强开）失电时调节，进口、出口压力差低于设定的压力值时，调节压差。适用于供液泵泄压调节或可以减少介质管路压力。得电时，全开主阀，使出口得到更大的流量和压力。

The DPAV-1N which adjust when power is off,which adjust pressure difference when the inlet and outlet pressure difference is lower than the set pressure value.It is suitable for the relief pressure adjustment of the liquid supply pump or can reduce the pressure of the medium pipeline. When the power is on, the main valve open fully to make the outlet get a larger flow and pressure.

3、订货 Order Goods

- 订货时需指定型号、设定压力值
  Please tell us the model and set pressure value you want when ordering.
- 例:DPAV40-1NA, 4bar
  E.g.:DPAV40-1NA, 4bar
  表示：DN40压差调节阀(电磁强开），
  It means DN40 Differential Pressure Regulating Valve(Solenoid Fully Open)
  压力调节范围0～10.3bar
  Pressure Adjustment Range 0～10.3bar

出厂设定压力：4bar
Factory Setting Pressure: 4bar
如不指定设定压力和压力调整范围：该阀门出厂默认压力值为4bar，压力调整范围为A
If the set pressure and the Pressure Adjustment Range are not specified, the factory default Pressure Value is 4bar, Pressure Adjustment Range is A.

压差调节阀（电磁全开）Differential Pressure Regulating Valve (Solenoid Forced Open)

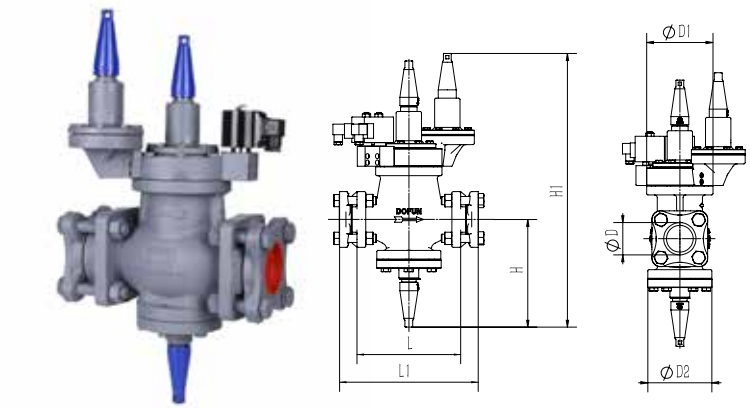
型号 Model	通径 Nominal Diameter (DN)	尺寸 (mm)Size（mm）						
		ϕD	ϕD1	ϕD2	L	L1	H	H1
DPAV-1N	25	34	117	108	214	251	210	508
	32	40	117	108	214	251	210	508
	40	47	144	140	268	325	234	575
	50	59	144	140	268	325	234	575
	65	78	159	140	277	356	234	585
	80	91	176	170	335	400	337	702
	100	110	222	195	384	455	355	760
	125	135	257	235	418	500	365	750

双级压力调节阀 DPCV

Inlet And Differeital Pressure Regulating Valve DPCV Type

1、技术参数 Technical Parameters

- 公称通径: DN32-DN125
  Nominal Diameter: DN32-DN125
- 压力调整范围 : A:0 ~ 10.3bar D:5.2 ~ 19.3bar
  Pressure adjustment range: A:0 ~ 10.3bar D:5.2 ~ 19.3bar
- 公称压力: 2.8MPa
  Nominal pressure: 2.8MPa
- 适用介质: R12,R22,R502,R134a,R404a,R507,R717 等制冷剂。
  Applicable Medium: R12,R22,R502, R134a,R404a,R507,R717 and other refrigerants.
- 适用温度 : -46℃ ~ +120℃
  Applicable Temperature: -46℃ ~ +120℃
- 本产品具备手动开启功能, 保证系统可靠运行。
  This product has the function of manual opening to ensure the reliable operation of the system
- 连接方式: 两端法兰
  Connection Method: flanges at both ends.



2、说明 Instruction

本产品用于蒸发器压力控制、冷凝器力控制及其他制冷系统入口压力控制的双压力入口调节阀，压力调节阀由一个主阀和两个调节导阀组成，调节导阀能够调节两个不同的设定压力。

The DPCV is used for dual pressure inlet regulating valves for evaporator pressure control, condenser force control and other refrigeration system inlet pressure control. The pressure regulating valve is composed of a main valve and two regulating pilot valves. The regulating pilot valve can regulate two different set pressure.

低压侧默认 7bar Low pressure side default 7bar

高压侧, 默认 10bar High Pressure side default 10bar

3、订货 Order Goods

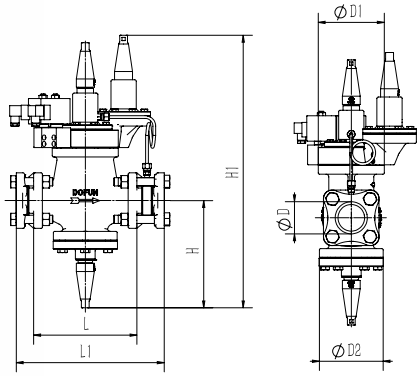
- 指明型号, 例 DPCV50 表示 DN50 双级入口压力调节阀
  Specify the model, E.g:DPCV50, It means DN50 two-stage inlet pressure regulating valve

电磁阀 Solenoid Valve	A	B	阀门动作 Valve Action
状态 Status	打开 Open	关闭 Close	低压侧调节, 打开或关闭阀门 Low-pressure side regulation, opening or closing the valve
	关闭 Close	打开 Open	高压侧调节, 打开或关闭阀门 High pressure side regulation, opening or closing the valve

双级压力调节阀 Inlet And Differeital Pressure Regulating Valve								
型号 Model	通径 Nominal Diameter (DN)	尺寸 (mm) Size (mm)						
		ϕD	ϕD1	ϕD2	L	L1	H	H1
DPCV	32	40	117	108	194	231	210	515
	40	47	144	140	246	301	234	580
	50	59	144	140	246	301	234	580
	65	78	159	140	252	316	234	595
	80	91	176	170	311	376	337	715
	100	110	222	195	359	433	355	775
	125	135	257	235	394	471	361	760

1、技术参数 Technical Parameter





- 公称通径: DN40-DN125
  Nominal diameter: DN40-DN125
- 压力调整范围:
  压差侧: 0 ~ 10.3bar　压力侧: 5.2 ~ 19.3ba
  Pressure Adjustment Range:
  Differential Pressure side: 0 ~ 10.3bar　Pressure Side:5.2 ~ 19.3bar
- 公称压力 :2.8MPa
  Nominal Pressure: 2.8MPa
- 适用介质: R12,R22,R502,R134a,R404a,R507,R717 等制冷剂。
  Applicable Medium: R12,R22,R502, R134a,R404a,R507,R717 and other refrigerants.
- 适用温度 :-46℃ ~ +120℃
  Applicable Temperature: -46℃ ~ +120℃
- 本产品具备手动开启功能, 保证系统可靠运行。
  This product has the function of manual opening to ensure the reliable operation of the system.
- 连接方式: 两端法兰
  Connection Method: flanges at both ends.

2、说明 Instruction

本产品用于蒸发器压力控制、冷凝器力控制及其他制冷系统入口压力控 制、供液压差等 .
The DPCV-L is used for evaporator pressure control, condenser force control and other refrigeration system inlet pressure control, supply hydraulic pressure difference, etc.

压力调节阀由一个主阀和两个调节导阀组成, 调节导阀能够调节两个不同的设定压力。
The pressure regulating valve consists of a main valve and two regulating pilot valves, which can regulate two different set pressures.

压差侧默认 4bar Differential pressure side default 4bar
压力侧默认 10bar Pressure side default 10bar
注意: 电磁阀 A 和 B 不能同时打开
Please Pay Attention: Solenoid valves A and B cannot be opened at the same time.

3、订货 Order Goods

- 指明型号, 例 DPCV-L50, 表示 DN50 双级压力压差阀
  Specify the model, E.g:DPCV-L50, It means DN50 dual inlet pressure reg ulating valve.

电磁阀 Solenoid Valve	A	B	阀门动作 Valve Action
状态 Status	打开 Open	关闭 Close	压差侧调节, 打开或关闭阀门 Differential side regulation, opening or closing the valve
	关闭 Close	打开 Open	压力侧调节, 打开或关闭阀门 Pressure side regulation, opening or closing the valve

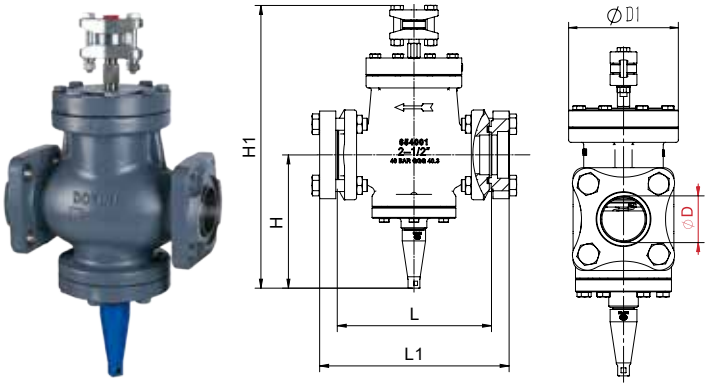
双级压力压差调节阀 Dual Inlet Pressure Regulating Valve								
型号 Model	通径 Nominal Diameter (DN)	尺寸 Size (mm)						
		ϕD	ϕD1	ϕD2	L	L1	H	H1
DPCV-L	32	40	117	108	194	231	210	515
	40	47	144	140	246	301	234	580
	50	59	144	140	246	301	234	580
	65	78	159	140	252	316	234	595
	80	91	176	170	311	376	337	715
	100	110	222	195	359	433	355	775
	125	135	257	235	394	471	361	760

气动电磁阀 DGPV

Gas Powered Solenoid Valve DGPV Type

1、技术参数 Technical Parameter

- 公称通径: DN25-DN125
  Nominal Diameter: DN25-DN125
- 公称压力: 2.8MPa
  Nominal Pressure: 2.8MPa
- 适用介质: R12,R22,R502,R134a,R404a,R507,R717 等制冷剂。
  Applicable Medium: R12, R22,R502,R134a, R404a, R507, R717 and other refrigerants.
- 适用温度: -46℃ ~ +120℃
  Applicable Temperature: -46 ℃ ~ + 120 ℃
- 连接方式: 两端法兰
  Connection Method: flanges at both ends.



2、说明 Instruction

DGPV 气动截止阀是一种需要外接气源（高压制冷剂气体）的气动常开电磁阀，适用于制冷系统的回气低压管道、热气融霜系统。
The DGPV is a gas normally open Solenoid Valve which need to connect an external gas source(high-pressure refrigerant gas). It is suitable for the return air low-pressure pipeline of the refrigeration system and the hot gas defrosting system.

3、订货 Order Goods

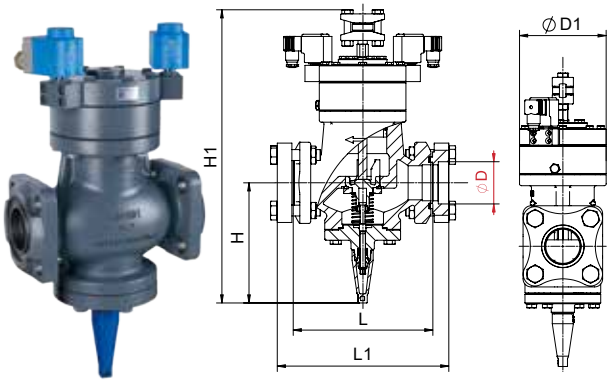
- 指定型号
  Please tell us the model you want when ordering.
- 例 :DGPV40
  E.g.: DGPV40
  DN40 气动电磁阀
  It is means DN40 gas powered solenoid valve

气动电磁阀 Gas Powered Solenoid Valve

型号 Model	通径 Nominal Diameter（DN）	尺寸 Size（mm）					
		ϕD	ϕD1	L	L1	H	H1
DGPV	25	34	117	194	231	210	400
	32	40	117	194	231	210	400
	40	47	144	246	301	234	452
	50	59	144	246	301	234	452
	65	78	160	252	316	234	466
	80	91	176	311	376	337	500
	100	110	222	359	433	355	553
	125	135	257	394	471	361	635
	上部过滤器接口尺寸 18mm Upper filter Port Size 18mm						

1、技术参数 Technical Parameter

- 公称通径：DN25-125
  Nominal Diameter: DN25-125
- 公称压力：2.8MPa
  Nominal Pressure: 2.8MPa
- 适用介质：R12,R22,R502,R134a,R404a,R507,R717等制冷剂。
  Applicable Medium:R12,R22,R502,R134a,R404a,R507,R717 and other refrigerants.
- 适用温度：-46℃～+120℃
  Applicable Temperature: -46 ℃ ～ + 120 ℃
- 连接方式：两端法兰
  Connection Method: flanges at both ends.



2、说明 Instruction

两步开启气动阀（常闭）开启状态有2个模块电磁导阀依次控制，使其处于关闭、10%开启、100%开启3种状态。实际使用中可根据实际情况调整3种状态的时间间隔，从而实现理想的运行效果，适用于热气除霜系统的供热气管路。

The DGPV-2C its open state is controlled by two module solenoid pilot valves in sequence, making it in three states: closed, 10% open, 100% open.In actual use, the time interval of the three states can be adjusted according to the actual situation, so as to achieve the ideal operating effect, which is suitable for the heating gas pipeline of the hot gas defrosting system.

3、订货 Order Goods

- 指定型号
  Please tell us the model you want when ordering.
- 例：DGPV50-2C
  E.g.:DGPV50-2C
  表示：DN50两步开启气动阀（常闭）
  It means DN50 Two-Step Open Pneumatic Valve(Normally Closed)

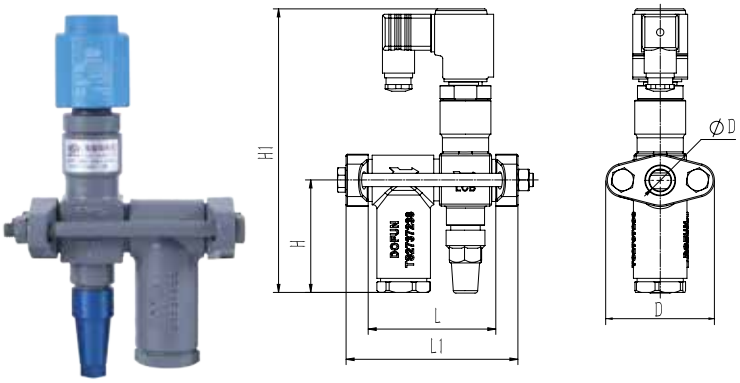
两步开启气动阀（常闭）Two-Step Gas Powered Valve (NC)							
型号 Model	通径 Nominal Diameter (DN)	尺寸 Size (mm)					
		ϕD	ϕD1	L	L1	H	H1
DGPV-2C	25	34	117	194	231	210	477
	32	40	117	194	231	210	477
	40	47	144	246	301	234	534
	50	59	144	246	301	234	534
	65	78	160	252	316	234	556
	80	91	176	311	376	337	672
	100	110	222	361	433	355	730
	125	135	257	394	471	361	720

电磁阀 DGSV

Solenoid Valve DGSV Type

1、技术参数 Technical Parameter

- 公称通径：DN10-DN65
  Nominal Diameter: DN10-DN65
- 公称压力：2.8MPa
  Nominal Pressure: 2.8MPa
- 适用介质：R12,R22,R502,R134a,R404a,R507,R717等制冷剂。
  Applicable Medium: R12,R22,R502,R134a,R404a,R507,R717 and other refrigerants.
- 适用温度：-46℃～+120℃
  Applicable Temperature: -46 ℃ ~ + 120 ℃
- DN10-DN20阀体配带过滤器
  DN10-DN20 valve housing with filter
- 连接方式：两端法兰
  Connection Method: flanges at both ends.



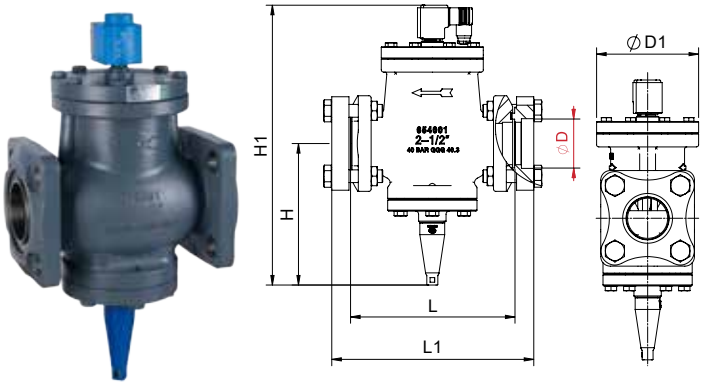
DGSV10~20

2、说明 Instruction

DGSV电磁阀主要应用于吸气管路、液体管路及热气融霜管路上，得电打开，失电关闭。
The DGSV is mainly used in the suction line, liquid line and hot gas defrosting line,it will open when power is on, and close when power is off.

3、订货 Order Goods

- 指定型号
  Please tell us the model you want when ordering.
- 例：DGSV50
  E.g.:DGSV50
  表示DN50电磁阀
  It means DN50 Solenoid Valve



DGSV25~65

电磁阀 Solenoid Valve							
型号 Model	通径 Nominal Diameter (DN)	尺寸 Size (mm)					
		ϕD	D1	L	L1	H	H1
DGSV	10	19	81	95	128	84	212
	15	23	81	95	128	84	212
	20	29	95	142	168	92	250
	25	40	117	194	231	205	384
	32	40	117	194	231	205	384
	40	47	144	246	301	234	446
	50	59	144	246	301	234	446
	65	78	160	252	316	234	466

1、技术参数 Technical Parameter

- 公称通径：DN3-DN50
  Nominal Diameter: DN3-DN50
- 适用介质：R12,R22,R502,R134a,R404a,R507,R717等制冷剂。
  Applicable Medium:R12,R22,R502,R134a,R404a,R507,R717 and other refrigerants.
- 适用温度：-40℃～+105℃
  Applicable Temperature: -40 ℃ ～ + 105 ℃

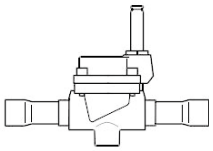
2、说明 Instruction

电磁阀是一种依靠电磁力自动开关的截止阀。在工业制冷装置中，常用电磁阀作为遥控截止阀、双位调节系统的调节机关或安全保护设备。它可适用于各种气体、液体制冷剂等介质。

Solenoid Valve is kind of automatic stop valve that relies on Solenoid force.In industrial refrigeration installations, Solenoid Valves are commonly used as remote-control stop valves, two-position adjustment systems, or safety protection equipment.It is suitable for various gases, liquid refrigerants and other media.

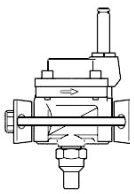
3、订货 Order Goods

- 指定型号
  Please tell us the model you want when ordering.
  DEVS20 It is means DN20 Solenoid Valve(steel).
- 例：DEVSC20
  E.g.: DEVSC20
  表示DN20电磁阀（铜）
  It means DN20 Solenoid Valve(copper).
  DEVS20
  DEVS20
  表示DN20电磁阀（钢）
  It means DN20 Solenoid Valve(steel).



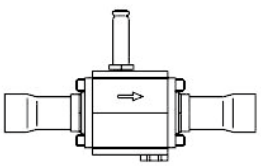


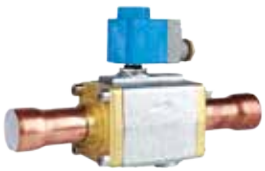
DEVSC3-25系列
DEVSC3-25 Series



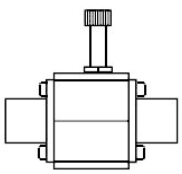


DEVS15-25系列
DEVS15-25 Series



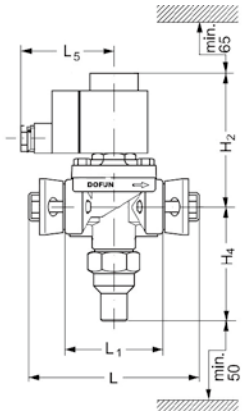


DEVSC32-40系列
DEVSC32-40 Series



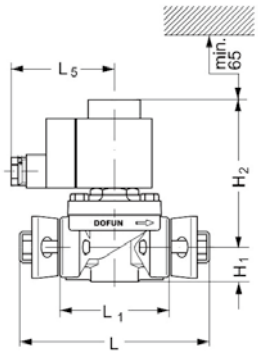


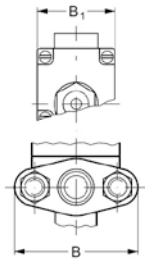
DEVS32-50系列
DEVS32-50 Series



DEVS10结构示意图

DEVS10 Structure Diagram

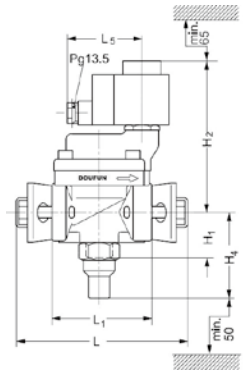


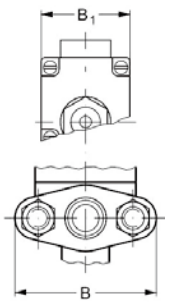


DEVS15 DEVS20结构示意图

DEVS15 DEVS20 Structure Diagram

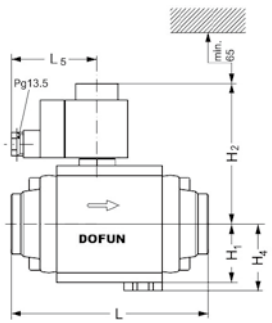
型号 Model	H1 mm	H2 mm	H4 mm	L mm	L1 mm	L5 mm		B mm	B1（max） mm	重量 Weight (KG)
						10w	12/20w			
DEVS3		84		127	84	75	85	80	68	1.5
DEVS10	22	100	81	81	100	75	85	80	68	1.7
DEVS15		100	81	81	100	75	85	80	68	1.8
DEVS20		110	77	77	110	75	85	75	68	2.7

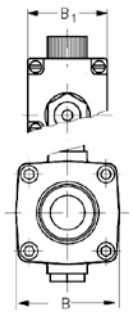




DEVS25结构示意图

DEVS25 Structure Diagram





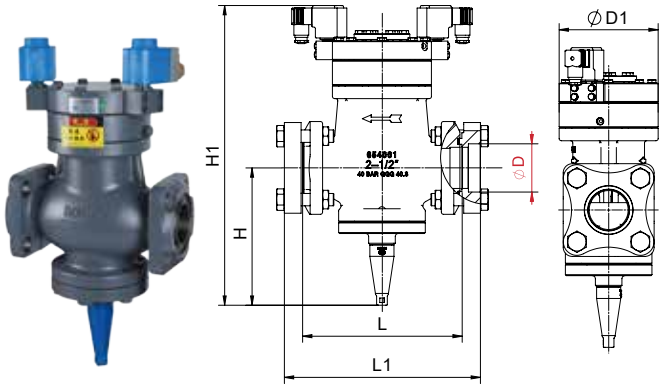
DEVS32 DEVS40 DEVS50结构示意图

DEVS32 DEVS40 DEVS50 Structure Diagram

型号 Model	H1 mm	H2 mm	H4 mm	L mm	L1 mm	L5 mm		B mm	B1（max） mm	重量 Weight (KG)
						10w	12/20w			
DEVS25	46	141	78	162	92	75	75	95	68	3.0
DEVS32	47	115	53	175		75	80	80	68	4.0
DEVS40	47	115	53	175		75	80	80	68	4.0
DEVS50	47	115	53	175		75	80	80	68	4.0

1、技术参数 Technical Parameter

- 公称通径：DN25-DN125
  Nominal Diameter: DN25-DN125
- 公称压力：2.8MPa
  Nominal Pressure: 2.8MPa
- 适用介质：R12,R22,R502,R134a,R404a,R507,R717等制冷剂。
  Applicable Medium: R12, R22, R502, R134a, R404a, R507, R717 and other refrigerants.
- 适用温度：-46℃～+120℃
  Applicable Temperature: -46 ℃ ～ + 120 ℃
- 本产品具备手动开启功能，保证系统可靠运行。
  The product has a manual opening function to ensure the reliable operation of the system.
- 连接方式：两端法兰
  Connection Method: flanges at both ends.



2、说明 Instruction

两步开启电磁阀开启状态有2个模块电磁导阀依次控制，使其处于关闭、10%开启、100%开启3种状态。实际使用中可根据实际情况调整3种状态的时间间隔，从而实现理想的运行效果，适用于排气、需要切断、关闭的管路、热气融霜管路，采用两步开启进行平衡，然后全开，避免液击。

The DGSV-2C has two module solenoid pilot valves controlled in turn to make them in three states: closed, 10% open, and 100% open. In actual use, the time interval of the three states can be adjusted according to the actual situation, so as to achieve the ideal operating effect. It is suitable for exhaust, pipelines that need to be shut off and closed, and hot gas defrosting pipelines. Open fully to avoid liquid strikes.

3、订货 Order Goods

- 指定型号
  Please tell us the model you want when ordering.
- 例：DGSV50-2C
  E.g.:DGSV50-2C
  表示：DN50两步开启电磁阀
  It means DN50 Two-Step Open Solenoid Valve

两步开启电磁阀 Two-Step Open Solenoid Valve							
型号 Model	通径 Nominal Diameter (DN)	尺寸 Size (mm)					
		ϕD	ϕD1	L	L1	H	H1
DGSV-2C	25	34	117	194	231	210	462
	32	40	117	194	231	210	462
	40	47	144	246	301	234	515
	50	59	144	246	301	234	515
	65	78	160	252	316	234	537
	80	91	176	311	376	337	658
	100	110	222	361	433	355	715
	125	135	257	394	471	361	707

两步开启电磁阀 DFLV

Two-Step Open Solenoid Valve DFLV Type



1、技术参数 Technical Parameter

- 公称通径 :DN32-DN150
  Nominal Diameter: DN32-DN150
- 公称压力: 6.3MPa
  Nominal Pressure: 6.3MPa
- 适用介质 :R12,R22,R502,R134a,R404a,R507,R717 等制冷剂。
  Applicable Medium: R12, R22, R502, R134a, R404a, R507,R717 andother refrigerants.
- 适用温度: -46℃ ~ +150℃
  Applicable Temperature: -46℃ ~ +150℃ .

2、说明 Instruction

DFLV 两步开启电磁阀系列产品适用于高压差情况下的吸入管路中, 实现阀门的安全开启。典型应用在需热气融霜的蒸发器回气管。

DFLV two-step open solenoid valve series products are suitable for the suction pipeline under the condition of high pressure difference to realize the safe opening of the valve. Typically used in the return air duct of an evaporator that requires hot gas defrosting.

DFLV 阀门默认配置为两步式开启, 在该配置下, 第一步在先导电磁阀通电开通大约 10% 的流通量, 开启条件需外部压力大于入口压力 1.5bar; 第二步是在阀门前后压差降低约 1.25bar 时自动全开。

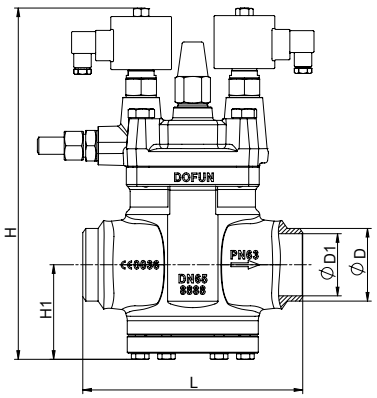
The default configuration of the DFLV valve is two-step opening. Under this configuration, the first step is to open about 10% of the flow rate when the pilot solenoid valve is energized. The opening condition requires that the external pressure is greater than the inlet pressure by 1.5bar. In the second step, when the pressure difference between the front and back of the valve drops by about 1.25bar, it will automatically fully open.

本系列产品也可以设置为一步开启。

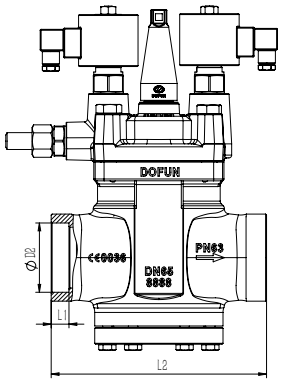
This series of products can be set to open in one step.

3、订货 Order Goods

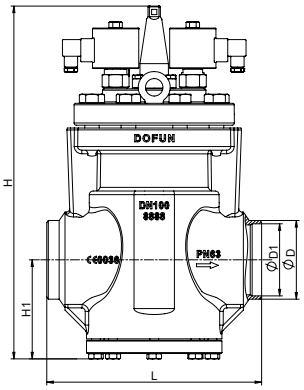
- 订货时, 指定型号; 例: DFLV65 表示: DN65 两步开启电磁阀
  E.g.:Please tell us the model you want when ordering; DFLV65 It means two-step open solenoid valve with a diameter of 65mm.



DN32~80 对接焊 BW



DN32~65 承插焊 SOC



DN100~150 对接焊 BW

两步开启电磁阀 Two-Step Open Solenoid Valve

型号 Model	通径 Nominal Diameter (DN) D1	尺寸 Size (mm)							
		ΦD		ΦD2	L1	H	H1	L	L2
		GB	DIN						
DFLV32	32	38	42.4	42.7	13	149	53	145	148
DFLV40	40	45	48.3	48.8	13	163	62	160	166
DFLV50	50	57	60.3	61.2	16	345.5	91	200	216
DFLV65	65	76	76	74	16	368.5	99	230	230
DFLV80	80	89	89	/	/	368.5	99	245	/
DFLV100	100	108	114	/	/	484.5	136	295	/
DFLV125	125	133	139.7	/	/	581	167	350	/
DFLV150	150	159	168	/	/	648	194	445	/

1、技术参数 Technical Parameter



- 公称通径 :DN25-DN150
  Nominal Diameter: DN25-DN150
- 公称压力: 6.3MPa
  Nominal Pressure: 6.3MPa
- 适用介质 :R12,R22,R502,R134a,R404a,R507,R717 等制冷剂。
  Applicable Medium: R12, R22, R502, R134a, R404a, R507,R717 andother refrigerants.
- 适用温度: -46℃ ~ +150℃
  Applicable Temperature: -46℃ ~ +150℃

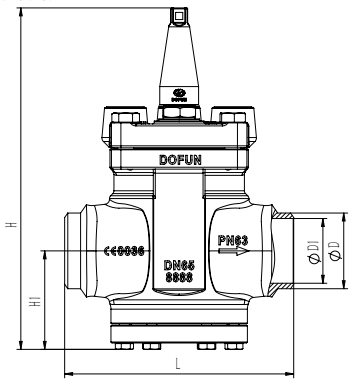
2、说明 Instruction

DFSV 系列产品用于压力调节、温度调节的工业制冷系统中, 针对不同的压力需求, 配置不同的导阀, 达到所需要的功能, 压力连接也可以根据需要配置有 1 个或者 3 个连接口。带有 3 个连接口的阀盖, 连接口分别为 P、M1、M2 其中 M1 与 M2 连接口串联, 与 P 连接口并联。带有 1 个连接口的阀盖, 连接口为 P。

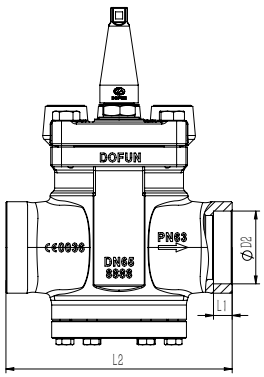
DFSV series products are used in industrial refrigeration systems with pressure regulation and temperature regulation. According to different pressure requirements, different pilot valves are configured to achieve the required functions. The pressure connection can also be configured with one or three connection ports as required. Bonnet with three connection ports, the connection ports are P, M1, M2 respectively. Among them, M1 is connected in series with the M2 connection port, and connected in parallel with the P connection port. Bonnet with one connection port, the connection port is P.

3、订货 Order Goods

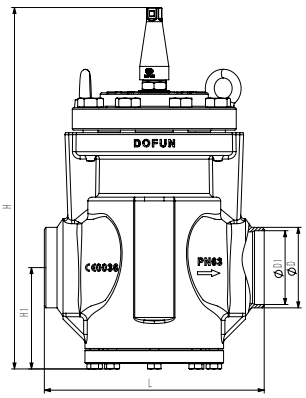
- 订货时, 指定型号、连接口数量、配置
  When ordering, you need to specify the model, the number of connection ports, and the configuration
- 例: DFSV65-1 + IPV-L E.g: DFSV65-1+IPV-L
  表示: 通径为 65 的先导阀 (带 1 个连接口), 1 个 IPV 入口压力导阀 (低压)
  It Means: 65mm size pilot valve (with one piece of connection port), one piece of IPV inlet pressure pilot valve.
- 例: DFSV65-3 + IPV + EPV (NC) E.g: DFSV65-3+IPV+EPV (NC)
  表示: 通径为 65 的先导阀 (带 3 个连接口), 1 个 IPV 入口压力导阀, 1 个 EPV 常闭电磁导阀
  It Means: pilot valve with diameter 65mm (with three pieces of connection ports), one piece of IPV inlet pressure pilot valve, one piece of EPV normally closed solenoid pilot valve.



DN25~80 对接焊 BW



DN25~65 承插焊 SOC



DN100~150 对接焊 BW

先导主阀 Pilot Main Valve

型号 Model	通径 Nominal Diameter (DN) D1	尺寸 Size (mm)							
		ΦD		ΦD2	L1	H	H1	L	L2
		GB	DIN						
DFSV25	25	32	33.7	33.9	13	240	53	135	137
DFSV32	32	38	42.4	42.7	13	267	53	145	148
DFSV40	40	45	48.3	48.8	13	282	62	160	166
DFSV50	50	57	60.3	61.2	16	315	91	200	216
DFSV65	65	76	76	74	16	344	99	230	230
DFSV80	80	89	89	/	/	344	99	245	/
DFSV100	100	108	114	/	/	484	136	295	/
DFSV125	125	133	139.7	/	/	527	167	350	/
DFSV150	150	159	168	/	/	591	194	445	/

两步式电磁阀 DFHV

Two-step solenoid valve DFHV Type



1、技术参数 Technical Parameter

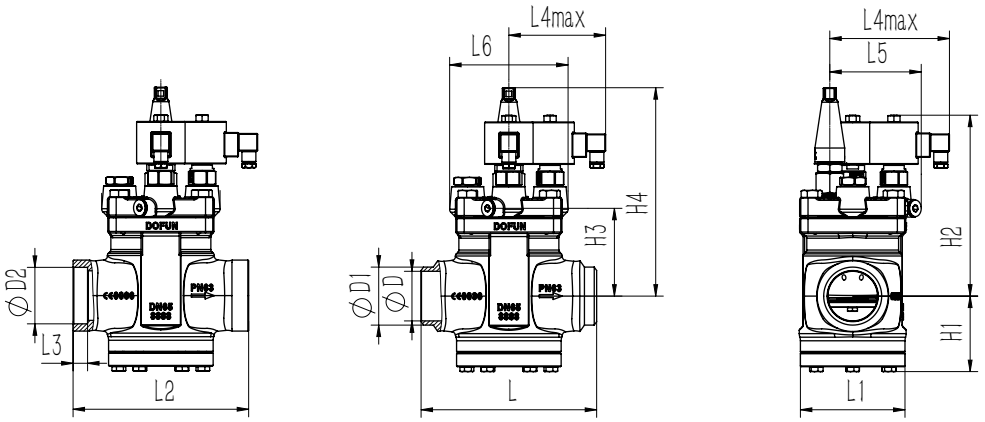
公称通径 :DN25-DN80
Nominal Diameter: DN25-DN150
公称压力: 6.3MPa
Nominal Pressure: 6.3MPa
适用介质 :R12,R22,R502,R134a,R404a,R507,R717 等制冷剂。
Applicable Medium: R12, R22, R502, R134a, R404a, R507,R717 andother refrigerants.
适用温度: -46℃ ~ +150℃
Applicable Temperature: -46℃ ~ +150℃

2、说明 Instruction

DFHV 系列产品用于热气管路, 通过两步打开通往蒸发器的除霜热气气流。通过入口和出口的压力差 ΔP 开启 DFHV 两步式电磁阀, ΔP ≥ 0.2 Bar。采用两步式开启, 步骤一开启时, 流量达到总流量的 20%, 步骤二开启后, 流量达到 100%。
DFHV series products are used in hot gas lines to open the defrost hot gas flow to the evaporator in two steps. The DFHV two-step solenoid valve is opened by the pressure difference ΔP between the inlet and outlet, ΔP ≥ 0.2 Bar. It adopts two-step opening. When the first step is opened, the flow rate reaches 20% of the total flow rate. After the second step is opened, the flow rate reaches 100%.
DFHV 两步式电磁阀包含两种配置, 联动配置和独立配置。
DFHV two-step solenoid valve includes two configurations, linkage configuration and independent configuration.
联动配置: 在步骤一电磁导阀开启后, 步骤二电磁导阀才会完全开启。
Linkage configuration: After the solenoid pilot valve in step one is opened, the solenoid pilot valve in step two will be fully opened.
独立配置: 无论步骤一电磁导阀是否开启, 步骤二电磁导阀都能独立开启阀门至 100%。选择独立配置时, 因某些原因, 步骤一被忽略未打开时, 独立打开步骤二, 系统存在液击风险。
Independent configuration: Regardless of whether the solenoid pilot valve in step 1 is open or not, the solenoid pilot valve in step 2 can independently open the valve to 100%. When selecting independent configuration, for some reasons, step one is ignored and is not opened. If step two is opened independently, there is a risk of liquid shock in the system.

3、订货 Order Goods

订货时, 需指定型号 ; When ordering, please specify the valve model;
如: DFHV65 , 表示: 通径为 65 的两步式电磁阀 For example: DFHV65, means two-step solenoid valve with a diameter of 65mm.



先导主阀 Pilot Main Valve

型号 Model	通径 Nominal Diameter (DN)	尺寸 Size (mm)														
		ΦD		ΦD2	L	L1	L2	L3	L4 max (M1)	L4 max (M2)	L5	L6	H1	H2	H3	H4
		GB	DIN													
DFSV25	25	32	33.7	33.9	135	74	137	13	130	107	87	155	53	183	60	214.5
DFSV32	32	38	42.4	42.7	145	86	148	13	146	107	105	155	64	196.5	74	232
DFSV40	40	45	48.3	48.8	160	97	166	13	150	127	109	155	73	202	79.5	237.5
DFSV50	50	57	60.3	61.2	200	108	216	16	154	127	114	155	91	217	95	253
DFSV65	65	76	76	74	230	140	230	16	157	127	120	155	99	237	115	273
DFSV80	80	89	89	/	245	140	/	/	157	127	120	155	99	237	115	273

1、技术参数 Technical Parameter



- 公称压力: 6.3MPa
  Nominal Pressure: 6.3MPa
- 适用介质 :R12,R22,R502,R134a,R404a,R507,R717 等制冷剂。
  Applicable Medium: R12, R22, R502,R134a, R404a, R507,R717 and other refrigerants.
- 适用温度: -46℃ ~ +150℃
  Applicable Temperature: -46℃ ~ +150℃
- 压力调整范围 L: 0-7bar; M: 4-19bar; H: 12-52bar
  pressure adjustment range L: 0-7bar; M: 4-19bar; H: 12-52bar

2、说明 Instruction

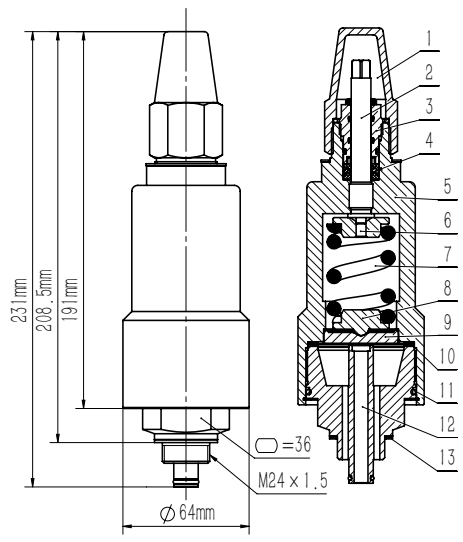
IPV 入口压力导阀与先导主阀 DFSV 系列匹配, 保持阀前入口压力恒定。
也可以单独配置到导阀座 PHV 上, 用作安全阀或减压阀。
The IPV inlet pressure pilot valve is matched with the pilot main valve DFSV series to keep the inlet pressure before the valve constant.
It can also be configured separately on the pilot valve seat PHV to be used as a safety valve or pressure relie valve.

3、订货 Order Goods

- 订货时指定型号、设定压力值、压力调节范围
  When ordering, please specify the model, The setting pressure value, And the pressure adjustment range.
- 例: IPV-L, 4bar 表示: 入口压力导阀; 压力调节范围: 0~16bar; 出厂设定压力: 4bar
  E.g.: IPV-L,4bar. It Means: inlet pressure pilot valve; pressure adjustment range: 0~16bar; factory setting pressure: 4bar;
  如不指定设定压力、压力调整范围, 出厂默认设定压力值为 10bar, 压力调整范围: 4~19bar
  If the set pressure and pressure adjustment range are not specified, the factory default setting pressure is 10bar, and the pressure adjustment range: 0~16bar

型号 Model	KV 值 KV Value	温度范围 Temperature Range		压力范围 Pressure Range
	m3/h	° C	° F	Bar
IPV-L	0.43	-46/+150	-50.8/+302	0 ~ 7
IPV-M	0.43	-46/+150	-50.8/+302	4 ~ 19
IPV-H	0.43	-46/+150	-50.8/+302	12 ~ 52

IPV - 基本尺寸 / 材料规格
IPV - Basic Dimensions / Material Specifications



重量: 约 2.24KG Weight about 2.24KG

序号 NO.	名称 Name	材质 Material
1	铝帽 Al-cap	铝 Aluminum
2	阀杆 Valve Rod	不锈钢 Stainless Steel
3	填料函 Stuffing Box	不锈钢 Stainless Steel
4	密封填料 Seal Packing	聚四氟乙烯 PTFE
5	阀盖 Bonnet	钢 Steel
6	弹簧上座 Spring Upper Seat	钢 Steel
7	弹簧 Spring	不锈钢 Stainless Steel
8	弹簧下座 Spring Lower Seat	钢 Steel
9	密封座 Seal Seat	钢 Steel
10	膜片 Diaphragm	不锈钢 Stainless Steel
11	O 型圈 O Ring	橡胶 Rubber
12	导阀座 Pilot valve Seat	钢 Steel
13	纤维垫圈 Fiber Washer	纤维非石棉 Non-asbestos Fiber

出口压力导阀 OPV

Outlet Pressure Pilot Valve OPV Type

1、技术参数 Technical Parameter



- 公称压力: 6.3MPa
  Nominal Pressure: 6.3MPa
- 适用介质 :R12,R22,R502,R134a,R404a,R507,R717 等制冷剂。
  Applicable Medium: R12, R22, R502, R134a, R404a, R507,R717 and other refrigerants.
- 适用温度: -46℃ ~ +150℃
  Applicable Temperature: -46℃ ~ +150℃
- 压力调整范围 L: 0-16bar; H: 6-35bar
  pressure adjustment range L: 0-16bar; H: 6-35bar

2、说明 Instruction

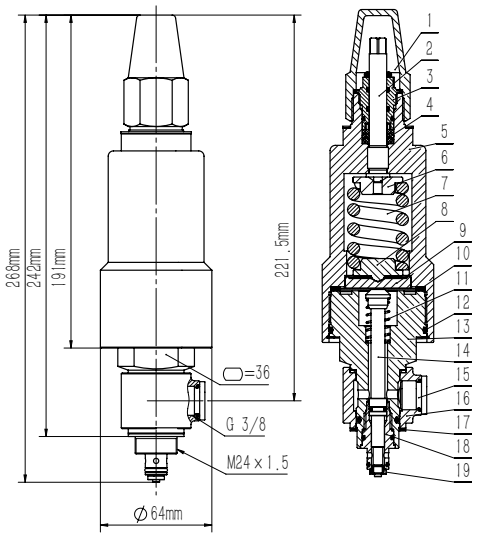
OPV 出口压力导阀与先导主阀 DFSV 系列匹配, 保持阀后出口压力恒定。
The OPV outlet pressure pilot valve is matched with the pilot main valve DFSV series to keep the outlet pressure behind the valve constant.

3、订货 Order Goods

- 订货时指定型号、设定压力值、压力调节范围
  When ordering, please specify the model, the setting pressure value, and the pressure adjustment range.
- 例: OPV-L, 4bar
  表示: 出口压力导阀; 压力调节范围: 0~16bar; 出厂设定压力: 4bar
  E.g.:OPV-L,4bar. It Means: outlet pressure pilot valve; pressure adjustment range: 0~16bar; factory setting pressure: 4bar;
  如不指定设定压力、压力调整范围, 出厂默认设定压力值为 7bar, 压力调整范围: 0~16bar
  If the set pressure and pressure adjustment range are not specified, the factory default setting pressure is 7bar, and the pressure adjustment range: 0~16bar

型号 Model	KV 值 KV Value	温度范围 Temperature Range		压力范围 Pressure Range
	m3/h	° C	° F	Bar
OPV-L	0.22	-46/+150	-50.8/+302	0 ~ 16
OPV-H	0.22	-46/+150	-50.8/+302	6 ~ 35

OPV - 基本尺寸 / 材料规格
OPV - Basic Dimensions / Material Specifications



重量: 约 2.69KG Weight about 2.69KG

序号 NO.	名称 Name	材质 Material
1	铝帽 Al-cap	铝 Aluminum
2	阀杆 Valve Rod	不锈钢 Stainless Steel
3	填料函 Stuffing Box	不锈钢 Stainless Steel
4	密封填料 Seal Packing	聚四氟乙烯 PTFE
5	阀盖 Bonnet	钢 Steel
6	弹簧上座 Spring Upper Seat	钢 Steel
7	弹簧 Spring	不锈钢 Stainless Steel
8	弹簧下座 Spring Lower Seat	钢 Steel
9	密封座 Seal Seat	钢 Steel
10	膜片 Diaphragm	不锈钢 Stainless Steel
11	弹簧 Spring	不锈钢 Stainless Steel
12	O 型圈 O Ring	橡胶 Rubber
13	导阀座 Pilot Valve Seat	钢 Steel
14	阀杆 Valve Rod	不锈钢 Stainless Steel
15	螺塞 Plug Screw G3/8	钢 Steel
16	连接座 Connecting Base	钢 Steel
17	纤维垫圈 Fiber Washer	纤维非石棉 Non-asbestos Fiber
18	紧固座 Fastening Seat	钢 Steel
19	密封套 Sealing Sleeve	聚四氟乙烯 PTFE

1、技术参数 Technical Parameter



- 公称压力: 6.3MPa
  Nominal Pressure: 6.3MPa
- 适用介质 :R12,R22,R502,R134a,R404a,R507,R717 等制冷剂。
  Applicable Medium: R12, R22, R502, R134a, R404a, R507,R717 andother refrigerants.
- 适用温度: -46℃ ~ +150℃
  Applicable Temperature: -46℃ ~ +150℃
- 压力调整范围 L: 0-16bar; H: 6-35bar
  pressure adjustment range L: 0-16bar; H: 6-35bar

2、说明 Instruction

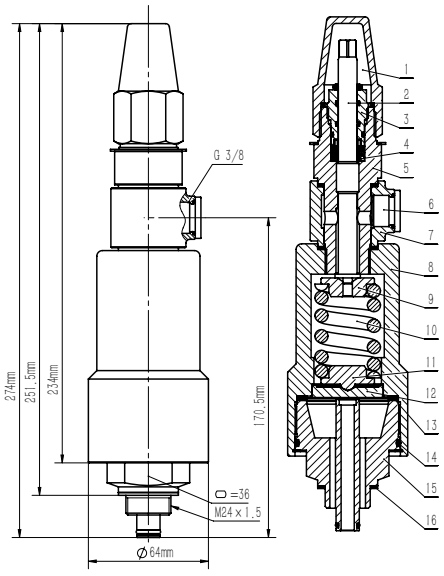
DPV 压差导阀与先导主阀 DFSV 系列匹配, 保持阀前后压力差恒定。
The DPV differential pressure pilot valve is matched with the pilot main valve DFSV series to keep the pressure difference between the front and back of the valve constant.

3、订货 Order Goods

- 订货时, 需指定型号、设定压力值、压力调节范围 .
  When order, please specify the model, the setting pressure value, and the pressure adjustment range
- 例: DPV, 4bar 表示: 压差导阀; 压力调节范围: 0~16bar; 出厂设定压力: 4bar
  E.g.: DPV, 4bar. It Means: differential pressure pilot valve; pressure adjustment range: 0~16bar; factory setting pressure: 4bar
  如不指定设定压力、压力调整范围, 出厂默认设定压力值为 4bar, 压力调整范围: 0~16bar
  If the setting pressure and pressure adjustment range are not specified, the factory default setting pressure is 4bar, and the pressure adjustment range is 0~16bar.

型号 Model	KV 值 KV Value	温度范围 Temperature Range		压力范围 Pressure Range
	m3/h	° C	° F	Bar
DPV-L	0.43	-46/+150	-50.8/+302	0 ~ 16
DPV-H	0.43	-46/+150	-50.8/+302	6 ~ 35

DPV - 基本尺寸 / 材料规格
DPV - Basic Dimensions / Material Specifications



重量: 约 2.587 KG Weight: about 2.587 KG

序号 NO.	名称 Name	材质 Material
1	铝帽 Al-cap	铝 Aluminum
2	阀杆 Valve Rod	不锈钢 Stainless Steel
3	填料函 Stuffing Box	不锈钢 Stainless Steel
4	密封填料 Seal Packing	聚四氟乙烯 PTFE
5	阀帽 Bonnet	钢 Steel
6	螺塞 Plug Screw G3/8	钢 Steel
7	连接座 Connecting Base	钢 Steel
8	阀盖 Valve Cap	钢 Steel
9	弹簧上座 Spring Seat	钢 Steel
10	弹簧 Spring	不锈钢 Stainless Steel
11	弹簧下座 Spring Lower Seat	钢 Steel
12	密封座 Seal Seat	钢 Steel
13	膜片 Diaphragm	不锈钢 Stainless Steel
14	O 型圈 O Ring	橡胶 Rubber
15	导阀座 Pilot Valve Seat	钢 Steel
16	纤维垫圈 Fiber Washer	纤维非石棉 Non-asbestos Fiber

电磁导阀（常闭） EPV-NC

Solenoid Pilot Valve EPV-NC Type

1、技术参数 Technical Parameter

- 公称压力: 6.3MPa
  Nominal Pressure: 6.3MPa
- 适用介质 :R12,R22,R502,R134a,R404a,R507,R717 等制冷剂。
  Applicable Medium: R12, R22, R502, R134a, R404a, R507,R717 andother refrigerants.
- 适用温度: -46℃ ~ +150℃
  Applicable Temperature: -46℃ ~ +150℃



2、说明 Instruction

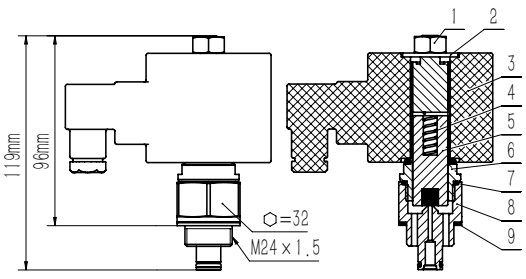
EPV 是一种电磁导阀, 用于需要开 / 关主阀操作时。
EPV is a solenoid pilot valve used when on/off main valve operation is required.

3、订货 Order Goods

- 订货时, 需指定型号
  When ordering, please specify the valve Model;
- 例: EPV - NC 表示: 电磁导阀 - 常闭
  E.g.: EPV - NC. It Means: Solenoid Pilot Valve - Normally Closed

型号 Model	KV 值 KV Value	温度范围 Temperature Range		公称压力 Nominal Pressure
	m3/h	° C	° F	Bar
EPV - NC	0.29	-46/+150	-50.8/+302	63

EPV - NC - 基本尺寸 / 材料规格
EPV - NC - Basic Dimensions / Material Specifications



重量: 约 0.95KG Weight about 0.95KG

序号 NO.	名称 Name	材质 Material
1	螺母 Nut: M10×1.25	钢 Steel
2	垫圈 Washer	钢 Steel
3	线圈 Coil	/
4	弹簧 Spring	不锈钢 Stainless Steel
5	电枢 Armature	不锈钢 Stainless Steel
6	电枢管 Armature Tube	不锈钢 Stainless Steel
7	O 型圈 O Ring	橡胶 Rubber
8	导阀座 Pilot Valve Seat	钢 Steel
9	纤维垫圈 Fiber Washer	纤维非石棉 Non-asbestos Fiber

1、技术参数 Technical Parameter

- 公称压力: 6.3MPa
  Nominal Pressure: 6.3MPa
- 适用介质 :R12,R22,R502,R134a,R404a,R507,R717 等制冷剂。
  Applicable Medium: R12, R22, R502, R134a, R404a, R507,R717 andother refrigerants.
- 适用温度: -46℃ ~ +150℃
  Applicable Temperature: -46℃ ~ +150℃



2、说明 Instruction

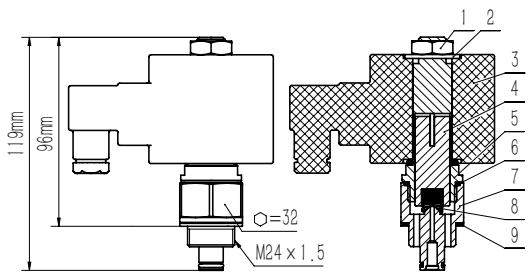
EPV 是一种电磁导阀, 用于需要开 / 关主阀操作时。
EPV is a solenoid pilot valve used when on/off main valve operation is required.

3、订货 Order Goods

- 订货时, 需指定型号
  When ordering, please specify the valve Model;
- 例: EPV - NO 表示: 电磁导阀 - 常开
  E.g.: EPV - NO. It Means: Solenoid Pilot Valve - Normally Open

型号 Model	KV 值 KV Value	温度范围 Temperature Range		公称压力 Nominal Pressure
	m3/h	° C	° F	Bar
EPV - NO	0.13	-46/+150	-50.8/+302	63

EPV - NO - 基本尺寸 / 材料规格
EVP - NO Basic Dimensions / Material Specifications



重量: 约 0.95KG Weight about 0.95KG

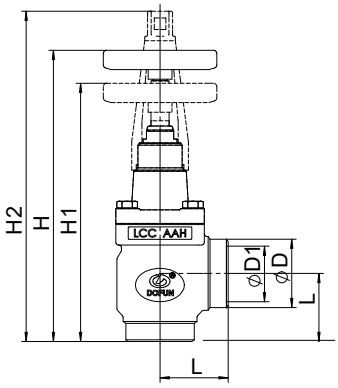
序号 NO.	名称 Name	材质 Material
1	螺母 Nut: M14×1.25	钢 Steel
2	垫圈 Washer	钢 steel
3	线圈 Coil	/
4	电枢 Armature	不锈钢 Stainless Steel
5	电枢管 Armature Tube	不锈钢 Stainless Steel
6	O 型圈 O Ring	橡胶 Rubber
7	导阀座 Pilot Valve Seat	钢 Steel
8	弹簧 Spring	不锈钢 Stainless Steel
9	纤维垫圈 Fiber Washer	纤维非石棉 Non-asbestos Fiber

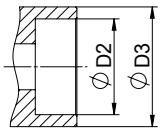
1、技术参数 Technical Parameter

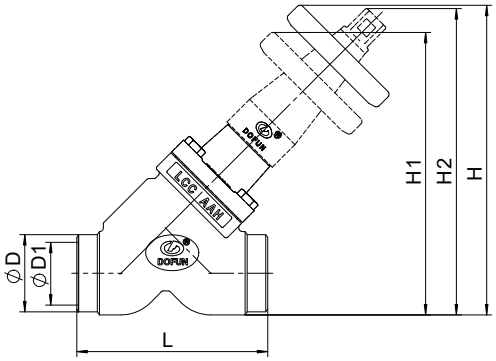
- 公称通径：DN15-DN350
  Nominal Diameter: DN15-DN350
- 公称压力：4.0MPa
  Nominal Pressure: 4.0MPa
- 适用介质：R12,R22,R502,R134a,R404a,R507,R717等制冷剂。
  Applicable Medium: R12, R22, R502, R134a, R404a, R507, R717 and other refrigerants.
- 适用温度：-46℃～+150℃
  Applicable Temperature: -46 ℃ ～ + 150 ℃
- 结构形式：角式结构代号A 直通结构代号S
  Structure Form: Angle Type Structure code is A
  Straight Type Structure code is S











角式截止阀 Angle Type Stop Valve

型号 Model	通径 Nominal Diameter (DN)	尺寸 Size (mm)									
		ΦD-GB	ΦD-DIN	ΦD2-SOC	ΦD1	ΦD2	ΦD3	L	H	H1	H2
SVD-A	15	22	21.3	21.8	15	21.8	33.7	45	210	189	230
	20	27	27	27.2	20	27.2	36.4	45	210	189	230
	25	32	33.7	33.9	25	33.9	45.5	45	210	189	230
	32	38	42.4	42.7	32	42.7	54.9	49.5	228	204	242
	40	45	48.3	48.8	38	48.8	62	56	267	236	312
	50	57	60.3	61.2	49	61.2	73.6	60	254	232	297.5
	65	76	76	/	62	/	/	70	288	258.5	325
	80	89	89	/	76	/	/	91	332	306.6	381
	100	108	114	/	96	/	/	107	372	336.8	416.5
	125	133	139.7	/	120	/	/	133	500	444	557
	150	159	168	/	150	/	/	146	546	480	592
	200	219	219	/	200	/	/	184	636	548	692
	250	273	273	/	250	/	/	210	716	641.4	759
	300	325	324	/	300	/	/	240	841	729	908.5
	350	377	377	/	350	/	/	285	943	786	1019

直通截止阀 Straight Type Stop Valve

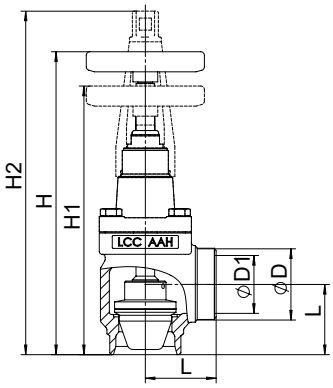
型号 Model	通径 Nominal Diameter (DN)	尺寸 Size (mm)									
		ΦD-GB	ΦD-DIN	ΦD2-SOC	ΦD1	ΦD2	ΦD3	L	H	H1	H2
SVD-S	15	22	21.3	21.8	15	21.8	33.7	120	175	160	176
	20	27	27	27.2	20	27.2	36.4	120	175	160	176
	25	32	33.7	33.9	25	33.9	45.5	120	175	160	176
	32	38	42.4	42.7	32	42.7	54.9	128	190	172	185
	40	45	48.3	48.8	38	48.8	62	156	228	206	236
	50	57	60.3	61.2	49	61.2	73.6	149	247	228	241.5
	65	76	76	/	62	/	/	176	278	254	268
	80	89	89	/	76	/	/	216	328	303	314
	100	108	114	/	96	/	/	264	386.5	354	357
	125	133	139.7	/	120	/	/	330	526	476	465
	150	159	168	/	150	/	/	370	581	523	513
	200	219	219	/	200	/	/	460	710	640	621
	250	273	273	/	250	/	/	560	804	720	707
	300	325	324	/	300	/	/	655	954	858	841

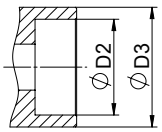
1、技术参数 Technical Parameter

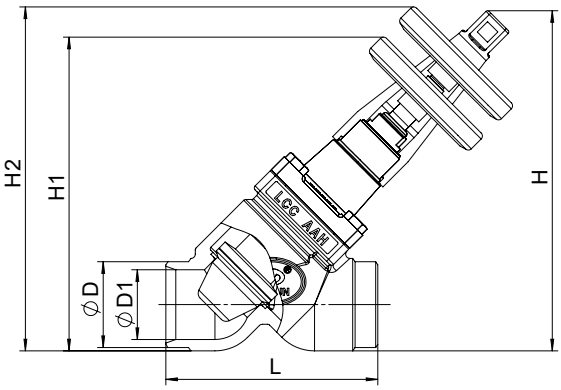
- 公称通径: DN15-DN65
  Nominal Diameter: DN15-DN65
- 公称压力: 4.0MPa
  Nominal Pressure: 4.0MPa
- 适用介质: R12,R22,R502,R134a,R404a,R507,R717 等制冷剂。
  Applicable Medium: R12, R22, R502, R134a, R404a, R507, R717 and other refrigerants.
- 适用温度: -46℃ ~ +150℃
  Applicable Temperature: -46 ℃ ~ + 150 ℃
- 结构形式: 角式结构代号 A 直通结构代号 S
  Structure Form: Angle Type Structure code is A
  Straight Type Structure code is S
- 调节阀芯有 A、B 两种阀芯, A 芯用于膨胀调节, B 芯用于流量调节
  The regulating spool has two types, A and B, A core is used for expansion regulation, and B core is used for flow regulation.











角式节流阀 Angle Type Regulating Valve

型号 Model	通径 Nominal Diameter (DN)	尺寸 Size (mm)									
		ΦD-GB	ΦD-DIN	ΦD2-SOC	ΦD1	ΦD2	ΦD3	L	H	H1	H2
TVD-A	15	22	21.3	21.8	15	21.8	33.7	45	210	189	230
	20	27	27	27.2	20	27.2	36.4	45	210	189	230
	25	32	33.7	33.9	25	33.9	45.5	45	210	189	230
	32	38	42.4	42.7	32	42.7	54.9	49.5	228	204	242
	40	45	48.3	48.8	38	48.8	62	56	267	236	312
	50	57	60.3	61.2	49	61.2	73.6	60	254	232	297.5
	65	76	76	/	62	/	/	70	288	258.5	325

直通节流阀 Straight Type Regulating Valve

型号 Model	通径 Nominal Diameter (DN)	尺寸 Size (mm)									
		ΦD-GB	ΦD-DIN	ΦD2-SOC	ΦD1	ΦD2	ΦD3	L	H	H1	H2
TVD-S	15	22	21.3	21.8	15	21.8	33.7	120	175	160	176
	20	27	27	27.2	20	27.2	36.4	120	175	160	176
	25	32	33.7	33.9	25	33.9	45.5	120	175	160	176
	32	38	42.4	42.7	32	42.7	54.9	128	190	172	185
	40	45	48.3	48.8	38	48.8	62	156	228	206	236
	50	57	60.3	61.2	49	61.2	73.6	149	247	228	241.5
	65	76	76	/	62	/	/	176	278	254	268

止回阀 CVD

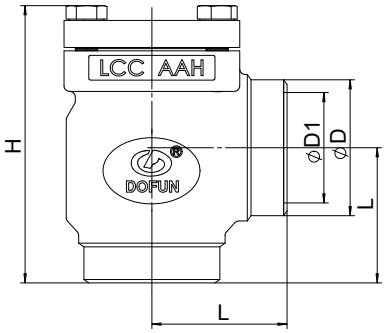
Check Valve CVD Type

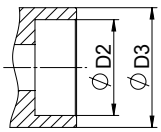
1、技术参数 Technical Parameter

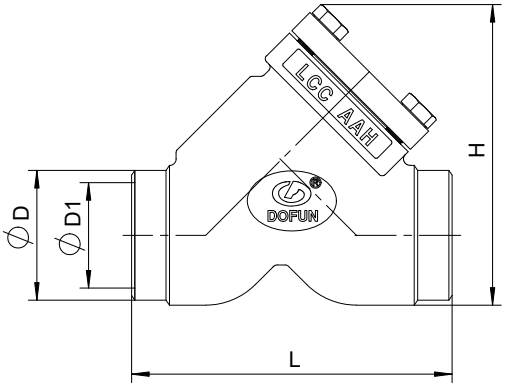
- 公称通径：DN15-DN150
  Nominal Diameter: DN15-DN150
- 公称压力：4.0MPa
  Nominal Pressure: 4.0MPa
- 适用介质：R12,R22,R502,R134a,R404a,R507,R717等制冷剂。
  Applicable Medium: R12, R22, R502, R134a, R404a, R507, R717 and other refrigerants.
- 适用温度：-46℃～+150℃
  Applicable Temperature: -46 ℃ ～ + 150 ℃
- 结构形式：角式结构代号A　直通结构代号S
  Structure Form: Angle Type Structure code is A
  Straight Type Structure code is S











角式止回阀 Angle Type Check Valve

型号 Model	通径 Nominal Diameter (DN)	尺寸 Size (mm)							
		ΦD-GB	ΦD-DIN	ΦD2-SOC	ΦD1	ΦD2	ΦD3	L	H
CVD-A	15	22	21.3	21.8	15	21.8	33.7	45	108
	20	27	27	27.2	20	27.2	36.4	45	108
	25	32	33.7	33.9	25	33.9	45.5	45	108
	32	38	42.4	42.7	32	42.7	54.9	49.5	136
	40	45	48.3	48.8	38	48.8	62	56	136
	50	57	60.3	61.2	49	61.2	73.6	60	124
	65	76	76	/	62	/	/	70	147
	80	89	89	/	76	/	/	106	185.5
	100	108	114	/	96	/	/	121	248
	125	133	139.7	/	120	/	/	133	270
	150	159	168	/	150			146	300

直通止回阀 Straight Type Check Valve

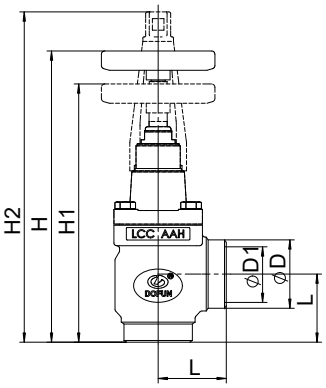
型号 Model	通径 Nominal Diameter (DN)	尺寸 Size (mm)							
		ΦD-GB	ΦD-DIN	ΦD2-SOC	ΦD1	ΦD2	ΦD3	L	H
CVD-S	15	22	21.3	21.8	15	21.8	33.7	120	103
	20	27	27	27.2	20	27.2	36.4	120	103
	25	32	33.7	33.9	25	33.9	45.5	120	103
	32	38	42.4	42.7	32	42.7	54.9	128	131
	40	45	48.3	48.8	38	48.8	62	156	131
	50	57	60.3	61.2	49	61.2	73.6	149	140
	65	76	76	/	62	/	/	176	164
	80	89	89	/	76	/	/	216	215
	100	108	114	/	96	/	/	264	261
	125	133	139.7	/	120	/	/	330	316

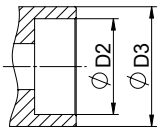
1、技术参数 Technical Parameter

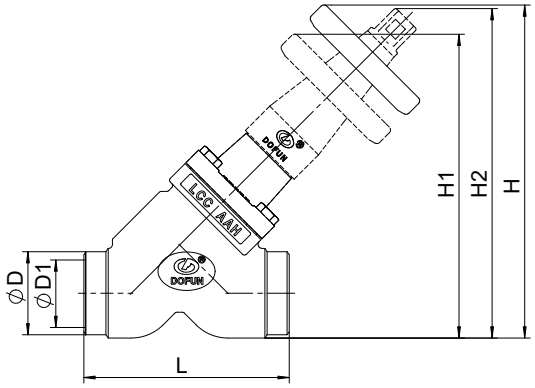
- 公称通径：DN15-DN150
  Nominal Diameter: DN15-DN150
- 公称压力：4.0MPa
  Nominal Pressure: 4.0MPa
- 适用介质：R12,R22,R502,R134a,R404a,R507,R717等制冷剂。
  Applicable Medium: R12,R22,R502,R134a,R404a,R507,R717 and other refrigerants.
- 适用温度：-46℃～+150℃
  Applicable Temperature: -46 ℃ ～ + 150 ℃
- 结构形式：角式结构代号A　直通结构代号S
  Structure Form: Angle Type Structure code is A
  Straight Type Structure code is S











角式截止止回阀 Angle Type Stop Check Valve

型号 Model	通径 Nominal Diameter (DN)	尺寸 Size (mm)									
		ΦD-GB	ΦD-DIN	ΦD2-SOC	ΦD1	ΦD2	ΦD3	L	H	H1	H2
SCV-A	15	22	21.3	21.8	15	21.8	33.7	45	210	189	230
	20	27	27	27.2	20	27.2	36.4	45	210	189	230
	25	32	33.7	33.9	25	33.9	45.5	45	210	189	230
	32	38	42.4	42.7	32	42.7	54.9	49.5	228	204	242
	40	45	48.3	48.8	38	48.8	62	56	267	236	312
	50	57	60.3	61.2	49	61.2	73.6	60	254	232	297.5
	65	76	76	/	62	/	/	70	288	258.5	325
	80	89	89	/	76	/	/	91	332	306.6	381
	100	108	114	/	96	/	/	107	372	336.8	416.5
	125	133	139.7	/	120	/	/	133	500	444	557
	150	159	168	/	150	/	/	146	546	480	592

直通截止止回阀 Straight Type Stop Check Valve

型号 Model	通径 Nominal Diameter (DN)	尺寸 Size (mm)									
		ΦD-GB	ΦD-DIN	ΦD2-SOC	ΦD1	ΦD2	ΦD3	L	H	H1	H2
SCV-S	15	22	21.3	21.8	15	21.8	33.7	120	175	160	176
	20	27	27	27.2	20	27.2	36.4	120	175	160	176
	25	32	33.7	33.9	25	33.9	45.5	120	175	160	176
	32	38	42.4	42.7	32	42.7	54.9	128	190	172	185
	40	45	48.3	48.8	38	48.8	62	156	228	206	236
	50	57	60.3	61.2	49	61.2	73.6	149	247	228	241.5
	65	76	76	/	62	/	/	176	278	254	268
	80	89	89	/	76	/	/	216	328	303	314
	100	108	114	/	96	/	/	264	386.5	354	357
	125	133	139.7	/	120	/	/	330	526	476	465

过滤器 FVD

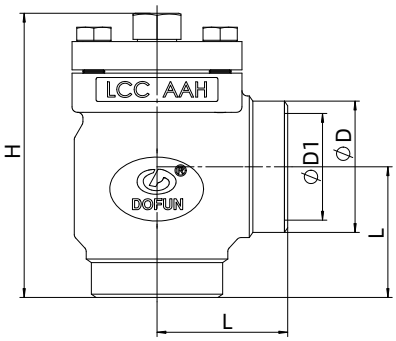
Filter FVD Type

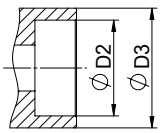
1、技术参数 Technical Parameter

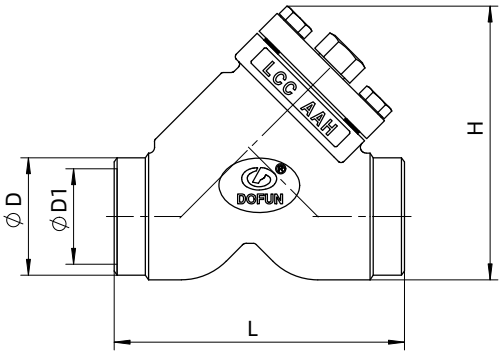
- 公称通径：DN15-DN150
  Nominal Diameter: DN15-DN150
- 公称压力：4.0MPa
  Nominal Pressure: 4.0MPa
- 适用介质：R12,R22,R502,R134a,R404a,R507,R717等制冷剂。
  Applicable Medium: R12, R22, R502, R134a, R404a, R507, R717 and other refrigerants.
- 适用温度：-46℃～+150℃
  Applicable Temperature: -46 ℃ ~ + 150 ℃
- 滤网规格有150目、100目、72目、38目，可以根据不同的管路系统要求选配。
  The specifications of the filter screen are 150 mesh, 100 mesh, 72 mesh, 38 mesh, which can be selected according to the requirements of different pipeline.











角式过滤器 Angle Type Filter

型号 Model	通径 Nominal Diameter (DN)	尺寸 Size (mm)							
		ΦD-GB	ΦD-DIN	ΦD2-SOC	ΦD1	ΦD2	ΦD3	L	H
FVD-A	15	22	21.3	21.8	15	21.8	33.7	45	115.5
	20	27	27	27.2	20	27.2	36.4	45	115.5
	25	32	33.7	33.9	25	33.9	45.5	45	115.5
	32	38	42.4	42.7	32	42.7	54.9	49.5	141.5
	40	45	48.3	48.8	38	48.8	62	56	141.5
	50	57	60.3	61.2	49	61.2	73.6	60	130
	65	76	76	/	62	/	/	70	148
	80	89	89	/	76	/	/	106	224
	100	108	114	/	96	/	/	121	253
	125	133	139.7	/	120	/	/	133	273.5
	150	159	168	/	150	/	/	146	311
	200	219	219	/	200	/	/	180	380.5

直通过滤器 Straight Type Filter

型号 Model	通径 Nominal Diameter (DN)	尺寸 Size (mm)							
		ΦD-GB	ΦD-DIN	ΦD2-SOC	ΦD1	ΦD2	ΦD3	L	H
FVD-S	15	22	21.3	21.8	15	21.8	33.7	120	103
	20	27	27	27.2	20	27.2	36.4	120	103
	25	32	33.7	33.9	25	33.9	45.5	120	103
	32	38	42.4	42.7	32	42.7	54.9	128	131
	40	45	48.3	48.8	38	48.8	62	156	131
	50	57	60.3	61.2	49	61.2	73.6	149	140
	65	76	76	/	62	/	/	176	164
	80	89	89	/	76	/	/	216	215
	100	108	114	/	96	/	/	264	261
	125	133	139.7	/	120	/	/	330	316
	150	159	168	/	150	/	/	370	371
	200	219	219	/	200	/	/	460	485

1、技术参数 Technical Parameters

- 公称通径 :DN15-DN50
  Nominal Diameter: DN15-DN50
- 公称压力: 6.3MPa
  Nominal Pressure: 6.3MPa
- 适用介质 :R12,R22,R502,R134a,R404a,R507,R717 等制冷剂。
  Applicable Medium: R12, R22, R502, R134a, R404a, R507,R717 andother refrigerants.
- 适用温度: -46℃ ~ +150℃
  Applicable Temperature: -46℃ ~ +150℃
- 结构形式: 角式结构代号 A 直通结构代号 S
  Structure Form: Angle Type Structure code is A
  Straight Type Structure code is S

2、说明 Instruction

SVL 长颈截止阀系列产品主要应用于切断管路, 阀芯独到的设计使阀门具有可靠的密封性能, 可以承受高强度的系统震动, 适用于制冷系统的各种管路。结构形式有两种, 角式结构, 代号 A; 直通结构, 代号 S。可选配置有手轮配置或阀帽配置。

SVL long neck stop valve series products are mainly used to cut off pipelines. The unique design of the valve core makes the valve have reliable sealing performance and can withstand high-intensity system vibration. It is suitable for various pipelines of refrigeration systems.There are two types of structure, Angle type code-named A; Straight type, code-named S. Optional configurations are Handwheel or Al-cap configuration.

3、订货 Order Goods

订货时, 需指定型号、结构形式;

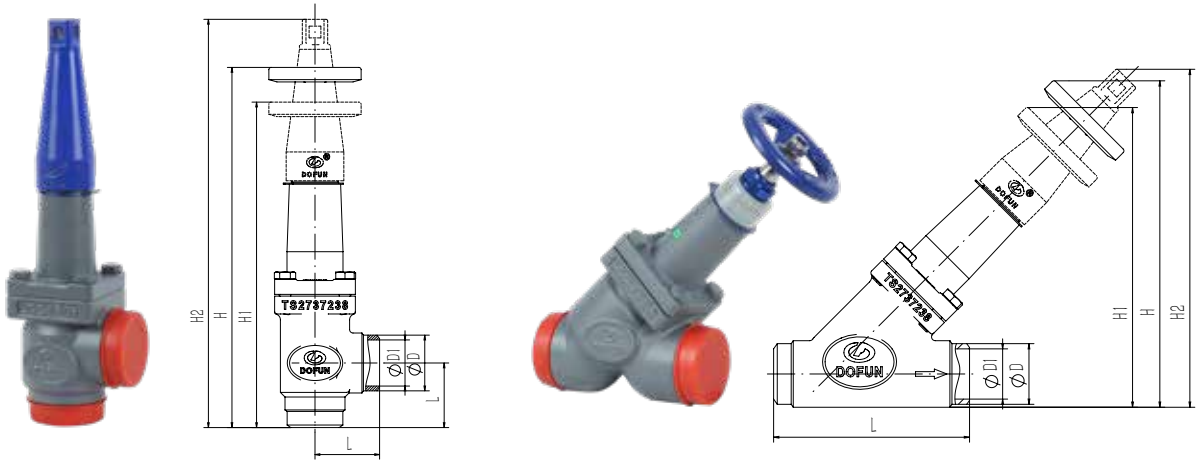
- Please tell us the model and structure when ordering;

例: SVL - A 65

- E.g.: SVL - A 65

表示: DN65 长颈截止阀, 结构形式为角式

It means DN65 long neck stop valve, the structure is angle type



角式 PN63 长颈截止阀
Angle Type PN63 Long Neck Stop Valve

型号 Model	通径 Nominal Diameter (DN)	尺寸 Size (mm)					
		ΦD	ΦD1	L	H	H1	H2
SVL-A	15	21.3	15	45	267	223	267
	20	27	20	45	267	223	267
	25	33.7	25	45	267	223	267
	32	38	32	49.5	263	235	277
	40	48.3	38	56	312	282	354
	50	60.3	49	60	292	262	330

直通 PN63 长颈截止阀
Straight Type PN63 Long Neck Stop Valve

型号 Model	通径 Nominal Diameter (DN)	尺寸 Size (mm)					
		ΦD	ΦD1	L	H	H1	H2
SVL-S	15	21.3	15	120	245	223	200
	20	27	20	120	245	223	200
	25	33.7	25	120	245	223	200
	32	38	32	128	221	202	210
	40	48.3	38	156	260	239	269
	50	60.3	49	149	260	238	267

长颈节流阀 TVL

Long Neck Regulating Valve TVL Type

1、技术参数 Technical Parameters

- 公称通径 :DN15-DN50
  Nominal Diameter: DN15-DN50
- 公称压力: 6.3MPa
  Nominal Pressure: 6.3MPa
- 适用介质 :R12,R22,R502,R134a,R404a,R507,R717 等制冷剂。
  Applicable Medium: R12, R22, R502, R134a, R404a, R507,R717 and other refrigerants.
- 适用温度: -46℃ ~ +150℃
  Applicable Temperature: -46℃ ~ +150℃
- 结构形式: 角式结构代号 A 直通结构代号 S
  Structure Form: Angle Type Structure code is A
  Straight Type Structure code is S

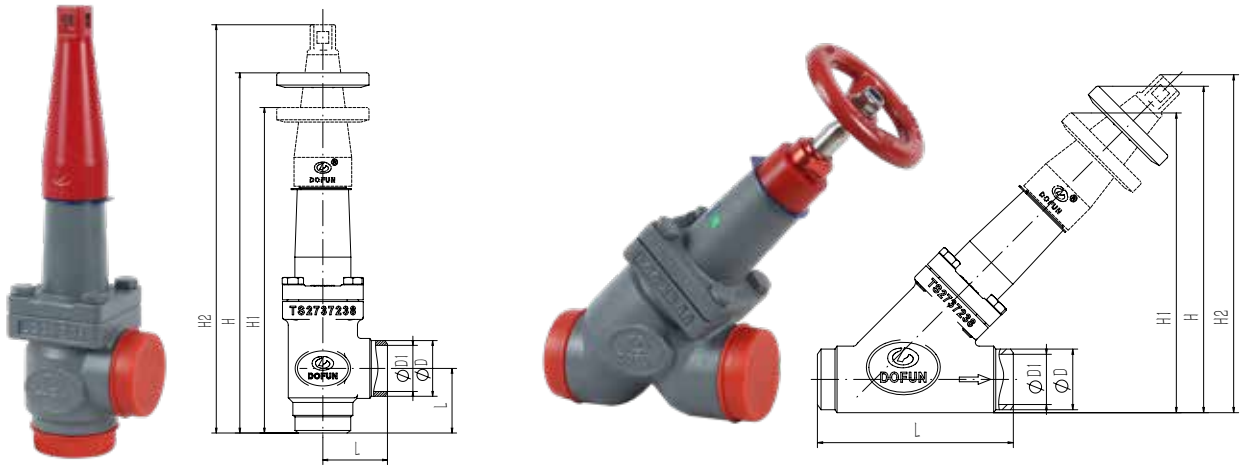
2、说明 Instruction

TVL 长颈节流阀系列产品, 阀体内部启闭件采用圆锥流线型设计, 有两种不同的方式, TVL-SA 与 TVL-SB, TVL-SA 主要用于膨胀 / 节流管路 (A 型阀芯); TVL-SB 主要用于液体管路的流量调节 (B 型阀芯)。

TVL long-neck regulating valve series, the opening and closing parts inside the valve body adopt a conical streamline design, there are two different types, TVL-SA and TVL-SB, TVL-SA is mainly used for expansion/throttle pipeline (Type A spool); TVL-SB is mainly used for flow regulation of liquid pipelines (type B spool).

3、订货 Order Goods

- 订货时, 需指定型号、结构形式;
  Please tell us the model you want when ordering.
- 例: TVL - SA 65
  E.g.: TVL - SA 65
  表示 DN65 长颈节流阀, 结构形式为直通, A 型阀芯
  It means DN65 long neck regulating valve, the structure is straight-through, A-type spool



角式 PN63 长径节流阀
Angle Type PN63 Long Neck Regulating Valve

型号 Model	通径 Nominal Diameter (DN)	尺寸 Size (mm)					
		ΦD	ΦD1	L	H	H1	H2
TVL-A	15	21.3	15	45	267	223	267
	20	27	20	45	267	223	267
	25	33.7	25	45	267	223	267
	32	38	32	49.5	263	235	277
	40	48.3	38	56	312	282	354
	50	60.3	49	60	292	262	330

直通 PN63 长径节流阀
Straight Type PN63 Long Neck Regulating Valve

型号 Model	通径 Nominal Diameter (DN)	尺寸 Size (mm)					
		ΦD	ΦD1	L	H	H1	H2
TVL-S	15	21.3	15	120	245	223	200
	20	27	20	120	245	223	200
	25	33.7	25	120	245	223	200
	32	38	32	128	221	202	210
	40	48.3	38	156	260	239	269
	50	60.3	49	149	260	238	267

1、技术参数 Technical Parameters

- 公称通径 :DN15-DN50
  Nominal Diameter: DN15-DN50
- 公称压力: 6.3MPa
  Nominal Pressure: 6.3MPa
- 适用介质 :R12,R22,R502,R134a,R404a,R507,R717 等制冷剂。
  Applicable Medium: R12, R22, R502, R134a, R404a, R507,R717 and other refrigerants.
- 适用温度: -46℃ ~ +150℃
  Applicable Temperature: -46℃ ~ +150℃
- 结构形式: 角式结构代号 A 直通结构代号 S
  Structure Form: Angle Type Structure code is A
  Straight Type Structure code is S

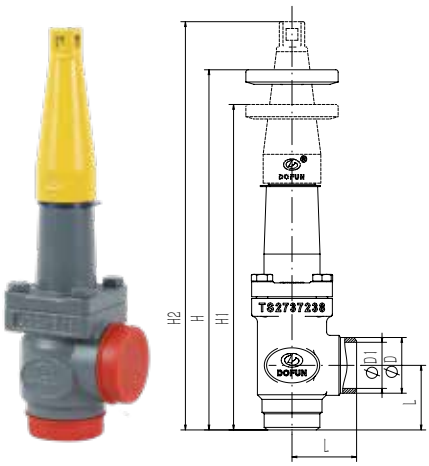
2、说明 Instruction

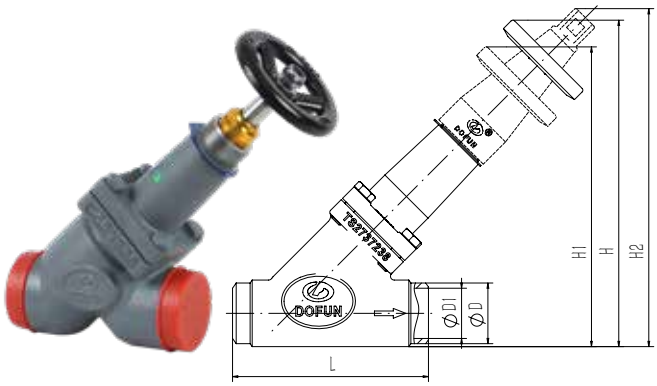
SCL 长颈截止止回阀系列产品用于介质向一个方向流动, 阻止介质逆流的管路, 是内置截止阀功能的止回阀。在介质压力作用下, 阀瓣打开; 当介质反向流动时, 介质压力和阀瓣自重作用于阀座, 从而阻止介质逆流。

SCL long neck stop check valve series are used for the pipeline where the medium flows in one direction and prevents the medium from flowing backward. It is a check valve with built-in stop valve function. Under the action of the medium pressure, the disc opens; when the medium flows in the reverse direction, the medium pressure and the self-weight of the disc act on the valve seat, thereby preventing the medium from flowing backward.

3、订货 Order Goods

- 订货时, 需指定型号、结构形式;
  Please tell us the model and structural type you want when ordering.
- 例: SCL - A 65
  E.g.: SCL - A 65
  表示: DN65 长颈截止止回阀, 结构形式为角式
  It means DN65 long neck stop check valve, the structure is angle type





角式 PN63 长颈截止止回阀
Angle Type PN63 Long Neck Stop Check Valve

型号 Model	通径 Nominal Diameter (DN)	尺寸 Size (mm)					
		ΦD	ΦD1	L	H	H1	H2
SCL-A	15	21.3	15	45	267	223	267
	20	27	20	45	267	223	267
	25	33.7	25	45	267	223	267
	32	38	32	49.5	263	235	277
	40	48.3	38	56	312	282	354
	50	60.3	49	60	292	262	330

直通 PN63 长颈截止止回阀
Straight Type PN63 Long Neck Stop Check Valve

型号 Model	通径 Nominal Diameter (DN)	尺寸 Size (mm)					
		ΦD	ΦD1	L	H	H1	H2
SCL-S	15	21.3	15	120	245	223	200
	20	27	20	120	245	223	200
	25	33.7	25	120	245	223	200
	32	38	32	128	221	202	210
	40	48.3	38	156	260	239	269
	50	60.3	49	149	260	238	267

截止阀 SVD-H

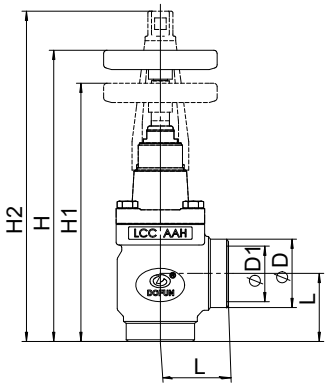
Stop Valve SVD-H Type

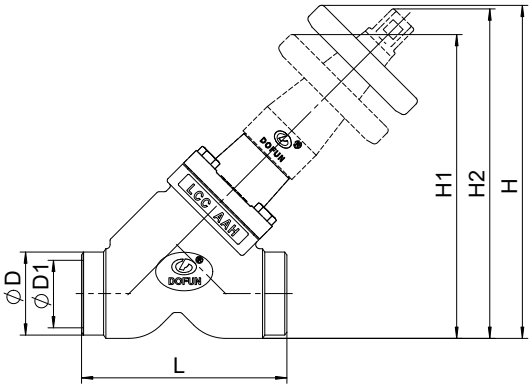
1、技术参数 Technical Parameter

- 公称通径：DN15-DN150
  Nominal Diameter: DN15-DN150
- 公称压力：6.3MPa
  Nominal Pressure: 6.3MPa
- 适用介质：R12,R22,R502,R134a,R404a,R507,R717,R744等制冷剂。
  Applicable Medium: R12, R22, R502, R134a, R404a, R507, R717 ,R744and other refrigerants.
- 适用温度：-46℃～+150℃
  Applicable Temperature: -46 ℃ ～ + 150 ℃
- 结构形式：角式结构代号A　直通结构代号S
  Structure Form: Angle Type Structure code is A
  Straight Type Structure code is S









角式PN63截止阀　Angle Type PN63 Stop Valve

型号 Model	通径 Nominal Diameter (DN)	尺寸Size（mm）						
		ΦD-GB	ΦD-DIN	ΦD1	L	H	H1	H2
SVD-HA	15	22	21.3	15	45	210	189	230
	20	27	27	20	45	210	189	230
	25	32	33.7	25	45	210	189	230
	32	38	42.4	32	49.5	228	204	242
	40	45	48.3	38	56	267	236	312
	50	57	60.3	49	60	254	232	297.5
	65	76	76	62	70	288	258.5	325
	80	89	89	76	91	332	306.6	381
	100	108	114	96	107	372	336.8	416.5
	125	133	139.7	120	133	500	444	557
	150	159	168	150	146	546	480	592

直通PN63截止阀　Straight Type PN63 Stop Valve

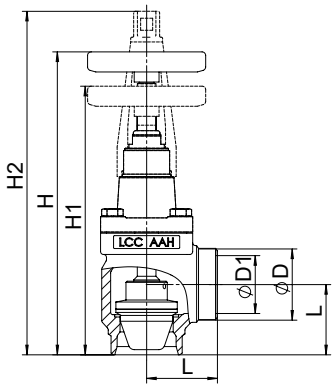
型号 Model	通径 Nominal Diameter (DN)	尺寸Size（mm）						
		ΦD-GB	ΦD-DIN	ΦD1	L	H	H1	H2
SVD-HS	15	22	21.3	15	120	175	160	176
	20	27	27	20	120	175	160	176
	25	32	33.7	25	120	175	160	176
	32	38	42.4	32	128	190	172	185
	40	45	48.3	38	156	228	206	236
	50	57	60.3	49	149	247	228	241.5
	65	76	76	62	176	278	254	268
	80	89	89	76	216	328	303	314
	100	108	114	96	264	386.5	354	357
	125	133	139.7	120	330	526	476	465
	150	159	168	150	370	581	523	513

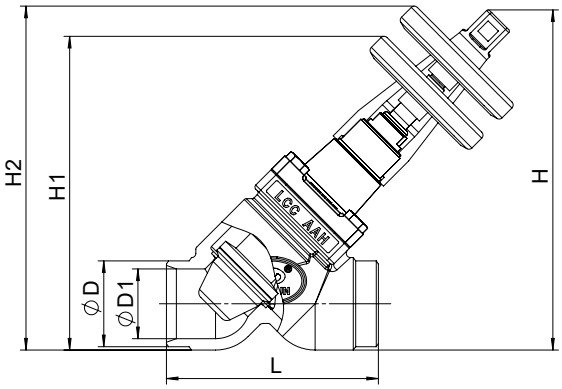
1、技术参数 Technical Parameter

- 公称通径: DN15-DN65
  Nominal Diameter: DN15-DN65
- 公称压力: 6.3MPa
  Nominal Pressure: 6.3MPa
- 适用介质: R12,R22,R502,R134a,R404a,R507,R717,R744 等制冷剂。
  Applicable Medium: R12, R22, R502, R134a, R404a, R507, R717, R744 and other refrigerants.
- 适用温度: -46℃ ~ +150℃
  Applicable Temperature: -46 ℃ ~ + 150 ℃
- 结构形式: 角式结构代号 A 直通结构代号 S
  Structure Form: Angle Type Structure Code is A
  Straight Type Structure Code is S
- 调节阀芯有 A、B 两种锥形阀芯, A 芯用于膨胀调节, B 芯用于流量调节
  The regulating spool has two types, A and B, A core is used for expansion regulation, and B core is used for flow regulation.









角式PN63节流阀 Angle Type PN63 Regulating Valve

型号 Model	通径 Nominal Diameter (DN)	尺寸Size（mm）						
		ΦD-GB	ΦD-DIN	ΦD1	L	H	H1	H2
TVD-HA	15	22	21.3	15	45	210	189	230
	20	27	27	20	45	210	189	230
	25	32	33.7	25	45	210	189	230
	32	38	42.4	32	49.5	228	204	242
	40	45	48.3	38	56	267	236	312
	50	57	60.3	49	60	254	232	297.5
	65	76	76	62	70	288	258.5	325
	80	89	89	76	91	332	306.6	381
	100	108	114	96	107	372	336.8	416.5
	125	133	139.7	120	133	500	444	557

直通PN63节流阀 Straight Type PN63 Regulating Valve

型号 Model	通径 Nominal Diameter (DN)	尺寸Size（mm）						
		ΦD-GB	ΦD-DIN	ΦD1	L	H	H1	H2
TVD-HS	15	22	21.3	15	120	175	160	176
	20	27	27	20	120	175	160	176
	25	32	33.7	25	120	175	160	176
	32	38	42.4	32	128	190	172	185
	40	45	48.3	38	156	228	206	236
	50	57	60.3	49	149	247	228	241.5
	65	76	76	62	176	278	254	268
	80	89	89	76	216	328	303	314
	100	108	114	96	264	386.5	354	357
	125	133	139.7	120	330	526	476	465

止回阀 CVD-H

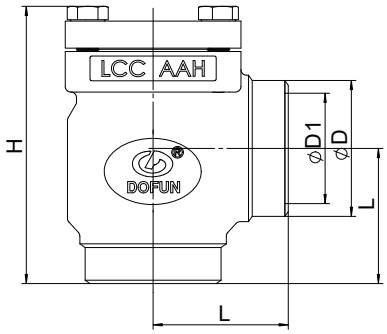
Check Valve CVD-H Type

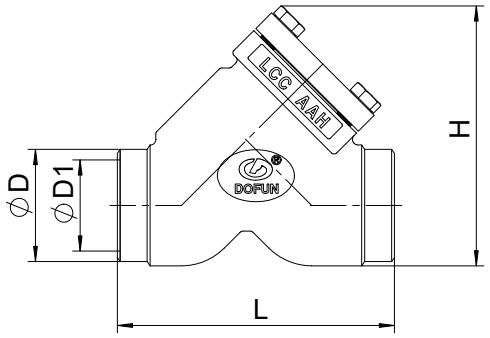
1、技术参数 Technical Parameter

- 公称通径：DN15-DN150
  Nominal Diameter: DN15-DN150
- 公称压力：6.3MPa
  Nominal Pressure: 6.3MPa
- 适用介质：R12,R22,R502,R134a,R404a,R507,R717,R744等制冷剂。
  Applicable Medium: R12, R22, R502, R134a, R404a, R507, R717,R744 and other refrigerants.
- 适用温度：-46℃～+150℃
  Applicable Temperature: -46 ℃ ～ + 150 ℃
- 结构形式：角式结构代号A　直通结构代号S
  Structure Form: Angle Type Structure Code is A
  Straight Type Structure Code is S









角式 PN63 止回阀 Angel Type PN63 Check Valve

型号 Model	通径 Nominal Diameter (DN)	尺寸 Size (mm)				
		ΦD-GB	ΦD-DIN	ΦD1	L	H
CVD-HA	15	22	21.3	15	45	108
	20	27	27	20	45	108
	25	32	33.7	25	45	108
	32	38	42.4	32	49.5	136
	40	45	48.3	38	56	136
	50	57	60.3	49	60	124
	65	76	76	62	70	147
	80	89	89	76	106	185.5
	100	108	114	96	121	248
	125	133	139.7	120	133	270
	150	159	168	150	146	300

直通 PN63 止回阀 Straight Type PN63 Check Valve

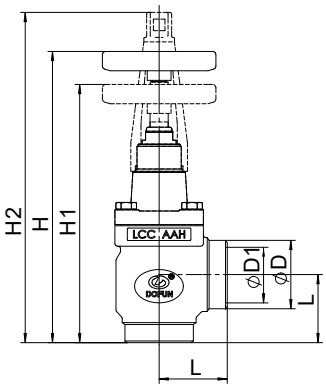
型号 Model	通径 Nominal Diameter (DN)	尺寸 Size (mm)				
		ΦD-GB	ΦD-DIN	ΦD1	L	H
CVD-HS	15	22	21.3	15	120	103
	20	27	27	20	120	103
	25	32	33.7	25	120	103
	32	38	42.4	32	128	131
	40	45	48.3	38	156	131
	50	57	60.3	49	149	140
	65	76	76	62	176	164
	80	89	89	76	254	215
	100	108	114	96	264	261
	125	133	139.7	120	320	316

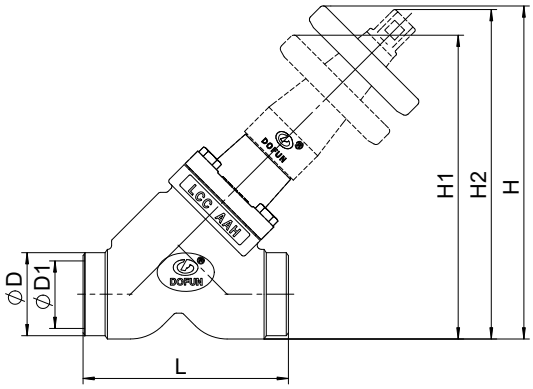
1、技术参数 Technical Parameter

- 公称通径：DN15-DN150
  Nominal Diameter: DN15-DN150
- 公称压力：6.3MPa
  Nominal Pressure: 6.3MPa
- 适用介质：R12,R22,R502,R134a,R404a,R507,R717,R744等制冷剂。
  Applicable Medium: R12, R22, R502, R134a, R404a, R507, R717 ,R744 and other refrigerants.
- 适用温度：-46℃～+150℃
  Applicable Temperature: -46 ℃ ～ + 150 ℃
- 结构形式：角式结构代号A 直通结构代号S
  Structure Form: Angle Type Structure Code is A
  Straight Type Structure Code is S









角式PN63截止止回阀 Angle Type PN63 Stop Check Valve

型号 Model	通径 Nominal Diameter (DN)	尺寸Size（mm）						
		ΦD-GB	ΦD-DIN	ΦD1	L	H	H1	H2
SCV-HA	15	22	21.3	15	45	210	189	230
	20	27	27	20	45	210	189	230
	25	32	33.7	25	45	210	189	230
	32	38	42.4	32	49.5	228	204	242
	40	45	48.3	38	56	267	236	312
	50	57	60.3	49	60	254	232	297.5
	65	76	76	62	70	288	258.5	325
	80	89	89	76	91	332	306.6	381
	100	108	114	96	107	372	336.8	416.5
	125	133	139.7	120	133	500	444	557
	150	159	168	150	146	546	480	592

直通PN63截止止回阀 Straight Type PN63 Stop Check Valve

型号 Model	通径 Nominal Diameter (DN)	尺寸Size（mm）						
		ΦD-GB	ΦD-DIN	ΦD1	L	H	H1	H2
SCV-HS	15	22	21.3	15	120	175	160	176
	20	27	27	20	120	175	160	176
	25	32	33.7	25	120	175	160	176
	32	38	42.4	32	128	190	172	185
	40	45	48.3	38	156	228	206	236
	50	57	60.3	49	149	247	228	241.5
	65	76	76	62	176	278	254	268
	80	89	89	76	216	328	303	314
	100	108	114	96	264	386.5	354	357
	125	133	139.7	120	330	526	476	465

过滤器 FVD-H

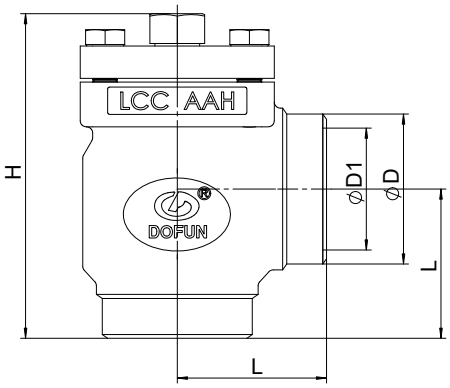
Filter FVD-H Type

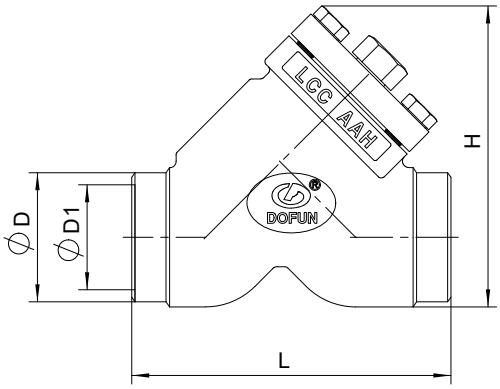
1、技术参数 Technical Parameter

- 公称通径：DN15-DN150
  Nominal Diameter: DN15-DN150
- 公称压力：6.3MPa
  Nominal Pressure: 6.3MPa
- 适用介质：R12,R22,R502,R134a,R404a,R507,R717,R744等制冷剂。
  Applicable Medium: R12, R22, R502, R134a, R404a, R507, R717 ,R744 and other refrigerants.
- 适用温度：-46℃～+150℃
  Applicable Temperature: -46 ℃ ～ + 150 ℃
- 滤网规格有150目、100目、72目、38目，可以根据不同的管路系统要求选配。
  The specifications of the filter screen are 150 mesh, 100 mesh, 72 mesh, 38 mesh, which can be selected according to the requirements of different pipeline.









角式过滤器 Angel Type Filter

型号 Model	通径 Nominal Diameter (DN)	尺寸（mm）Size（mm）				
		ΦD-GB	ΦD-DIN	ΦD1	L	H
FVD-HA	15	22	21.3	15	45	115.5
	20	27	27	20	45	115.5
	25	32	33.7	25	45	115.5
	32	38	42.4	32	49.5	141.5
	40	45	48.3	38	56	141.5
	50	57	60.3	49	60	130
	65	76	76	62	70	148
	80	89	89	76	106	224
	100	108	114	96	121	253
	125	133	139.7	120	133	273.5
	150	159	168	144	146	311

直通过滤器 Straight Type Filter

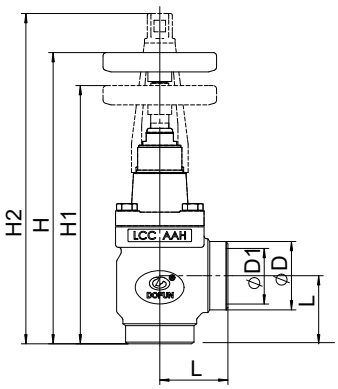
型号 Model	通径 Nominal Diameter (DN)	尺寸（mm）Size（mm）				
		ΦD-GB	ΦD-DIN	ΦD1	L	H
FVD-HS	15	22	21.3	15	120	103
	20	27	27	20	120	103
	25	32	33.7	25	120	103
	32	38	42.4	32	128	131
	40	45	48.3	38	156	131
	50	57	60.3	49	149	140
	65	76	76	62	176	164
	80	89	89	76	254	215
	100	108	114	96	264	261
	125	133	139.7	120	320	316
	150	159	168	144	370	371

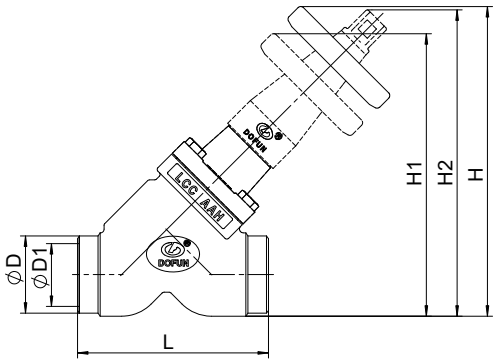
1、技术参数 Technical Parameter

- 公称通径: DN15-DN100
  Nominal Diameter: DN15-DN100
- 公称压力: 6.3MPa
  Nominal Pressure: 6.3MPa
- 适用介质: R12,R22,R502,R134a,R404a,R507,R717,R744 等制冷剂。
  Applicable Medium: R12, R22, R502, R134a, R404a, R507, R717, R744 and other refrigerants.
- 适用温度: -60℃～ +150℃
  Applicable Temperature: -60 ℃ ～ + 150 ℃
- 结构形式: 角式结构代号 A 直通结构代号 S
  Structure Form:Angle Type structure code is A
  Straight Type structure code is S









角式不锈钢截止阀 Angel Type Stainless Steel Stop Valve

型号 Model	通径 Nominal Diameter ((DN)	尺寸 Size (mm)						
		ΦD-GB	ΦD-DIN	ΦD1	L	H	H1	H2
SSVD-A	15	22	21.3	15	45	210	189	230
	20	27	27	20	45	210	189	230
	25	32	33.7	25	45	210	189	230
	32	38	42.4	32	49.5	228	204	242
	40	45	48.3	38	56	267	236	312
	50	57	60.3	49	60	254	232	297.5
	65	76	76	62	70	288	258.5	325
	80	89	89	76	91	332	306.6	381
	100	108	114	96	107	372	336.8	416.5

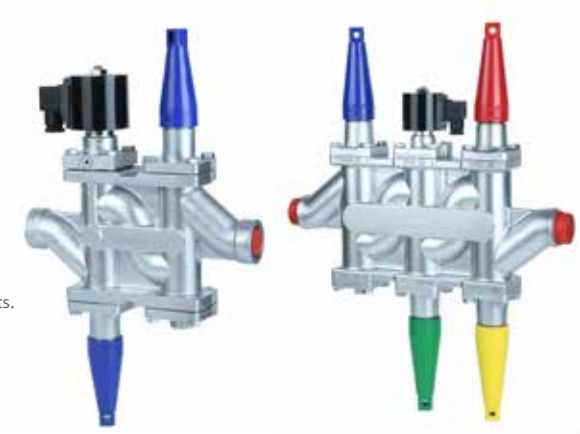
直通不锈钢截止阀 Straight Type Stainless Steel Stop Valve

型号 Model	通径 Nominal Diameter (DN)	尺寸 Size (mm)						
		ΦD-GB	ΦD-DIN	ΦD1	L	H	H1	H2
SSVD-S	15	22	21.3	15	120	175	166	174
	20	27	27	20	120	175	166	174
	25	32	33.7	25	120	175	166	174
	32	38	42.4	32	128	219	206	236
	40	45	48.3	38	156	219	206	236
	50	57	60.3	49	149	242	228	239
	65	76	76	62	176	277	259	268
	80	89	89	76	216	323	303	312
	100	108	114	96	264	380	354	353

组合阀 DFCV

Valve Station DFCV Type

1、技术参数 Technical Parameter



- 公称通径 :DN15-DN40
  Nominal diameter: DN15-DN40
- 适用温度: -46℃ ~ +150℃
  Applicable Temperature: -46℃ ~ +150℃
- 公称压力 : 6.3MPa
  Nominal Pressure: 6.3MPa
- 适用介质: R12, R22, R502, R134a,R404a,R507,R717,R744 等制冷剂。
  Applicable Medium: R12, R22, R502, R134a, R404a, R507, R717, R744 and other refrigerants.
- 连接方式: 对接焊、承插焊
  Connection Method: Butt Welding and Socket Welding

2、说明 Instruction

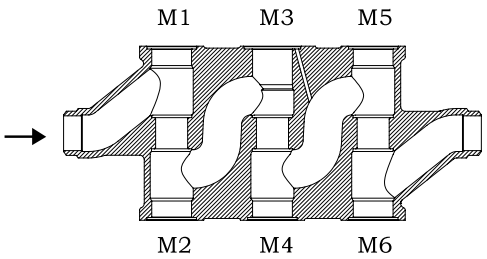
组合阀可用于供液、热气、液体喷射等管路中, DFCV 拥有 4 或 6 个功能模块, 各种模块组合形成所需的功能, 模块化的集中安装大大减少了管路中焊接点的数量, 降低了泄漏的风险, 建议安装在密闭的管路系统中, 侧接口可以接压力表、视液镜、传感器。

The DFCV can be used in pipelines such as liquid supply, hot gas, liquid injection, etc. DFCV has 4 or 6 functional modules, and various modules are combined to form the required functions. The modularized centralized installation greatly reduces the number of welding points in the pipeline , to reduce the risk of leakage, it is recommended to be installed in a closed pipeline system, and the side port can be connected to a pressure gauge, a sight glass, and a sensor.

3、模块配置 Module Configuration

代号 Code	型号 Model
DFCS	截止阀模块 stop valve
DFCD	电磁阀模块 Solenoid valve
DFCT	节流阀模块 Regulating valve
DFCM	电动阀模块 Motor valve

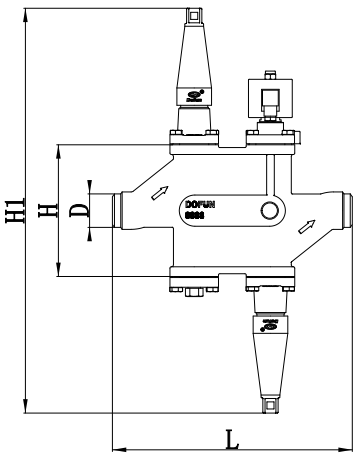
代号 Code	型号 Model
DFCF	过滤器模块 Filter
DFCO	手动开启模块 open manually
DFCSC	截止止回阀模块 Stop Check valve
DFCB	盲板模块 Blank

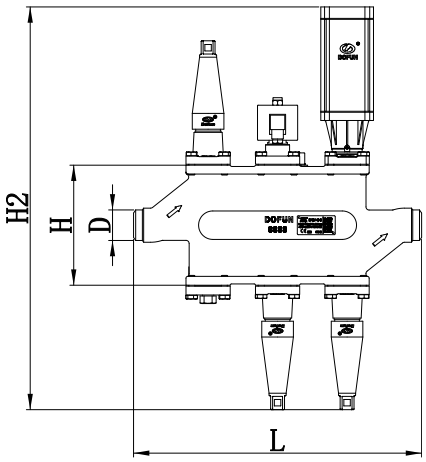


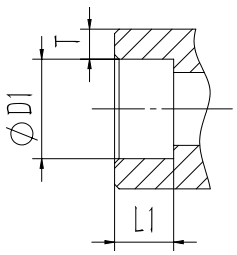
一般配置（不包括接口类型和尺寸） General configuration (excluding the type and size of interface)							代码 code
应用 Application	M1	M2	M3	M4	M5	M6	
供液管路 Liquid supply line	* 截止 Stop valve	* 过滤 Filter	电磁 Solenoid valve	手动开启 Open manually	节流 Regulating valve	截止止回 Stop Check Valve	12
供液（无热气除霜） Liquid supply (no hot gas defrosting line)	* 截止 Stop valve	* 过滤 Filter	电磁 Solenoid valve	手动开启 Open manually	节流 Regulating valve	截止 Stop Valve	11
热气管路 Hot gas line	* 截止 Stop valve	* 过滤 Filter	电磁 Solenoid valve	手动开启 Open manually	盲板 blank	截止 Stop Valve	21
液体喷射 liquid injection line	* 截止 Stop valve	* 过滤 Filter	电磁 Solenoid valve	手动开启 Open manually	电动 Motor Valve	截止 Stop Valve	31
供液（无热气除霜） Liquid supply (no hot gas defrosting line)	* 截止 Stop valve	* 过滤 Filter	电磁 Solenoid valve	节流 Regulating Valve	/	/	14
热气管路 Hot gas line	* 截止 Stop valve	* 过滤 Filter	电磁 Solenoid valve	手动开启 Open manually	/	/	22
热气除霜 Hot gas defrost line	* 截止 Stop valve	* 过滤 Filter	电磁 Solenoid valve	截止 Stop valve	/	/	33
其余配置联系公司 Contact us for the other configurations							

4、订货 Order Goods

- 需指定型号、模块功能及数量
  please specify the model, module function and quantity
- 如: DFCV15-4-02 表示: DN15 组合阀, 4 个模块, 截止 - 过滤 - 电磁 - 节流, 用于供液 (无热气除霜)
  E.g.: DFCV15-4-02 It means DN15 valve station 4 modules, stop valve-filter-solenoid valve-regulating valve, for liquid supply (no hot gas defrosting line)







组合阀 Valve Station

型号 Model	通径 Nominal Diameter (DN)	尺寸 (mm) Size (mm)							
		ΦD	ΦD1	L	H	H1	H2	L1	T
DN15-4/6	15	21.3	21.9	256/346	140/190	427	529	10	6.5
DN20-4/6	20	27	27.2					13	6.5
DN25-4/6	25	33.7	33.9						5.6
DN32-4/6	32	42.4	42.7	346/456		584	636		6.1
DN40-4/6	40	48.3	48.8						6.6
H2 配置最大外形尺寸 H2 Configuration Maximum outline Dimension									

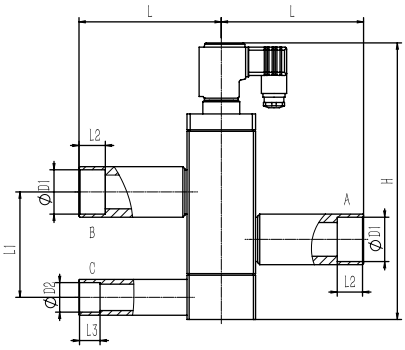
化霜三通阀 DSV3

Defrosting Three-way Valve DSV3 Type

1、技术参数 Technical Parameter

- 公称进口通径： DN25-DN50
  Nominal Diameter: DN25-DN50
- 公称压力：2.8MPa
  Nominal Pressure: 2.8MPa
- 适用介质：R12，R22，R502，R134a,R404a,R507,R717等制冷剂。
  Applicable Medium: R12, R22, R502, R134a, R404a, R507, R717 and other refrigerants.
- 适用温度：-46℃～+150℃
  Applicable Temperature: -46 ℃ ～ + 150 ℃





2、说明 Instruction

DSV3化霜三通阀通过电磁阀控制用在制冷、除霜两路之间的转换，A接口连接蒸发器，B接口压缩机吸气，C 接口连接排气管。当电磁阀线圈失电关闭时，通向C口处管路关闭，A、B通道打开，介质从蒸发器流向压缩机，压缩机正常吸气；

The DSV3 is used to control the conversion between refrigeration and defrosting through a solenoid valve. The A interface is connected to the evaporator, the B interface is connected to the compressor, and the C interface is connected to the exhaust pipe. When the solenoid valve coil is de-energized and closed, the pipeline leading to port C is closed, channels A and B are opened, the medium flows from the evaporator to the compressor, and the compressor normally sucks in;

当电磁阀线圈得电打开时，通向B接口处管路关闭，此时排气管中的热气通过C口，从A口进入蒸发器，进行化霜。

When the solenoid valve coil is energized and opened, the pipeline leading to the B interface is closed. At this time, the hot air in the exhaust pipe passes through the C port and enters the evaporator from the A port for defrosting.

安装时，电磁阀线圈不得朝下，保持阀内部清洁。 DSV3化霜三通阀只能与排气集成总管连接，不允许与排气主管直接相连。

When installing, the solenoid valve coil must not face downwards to keep the inside of the valve clean. The DSV3 Defrosting Three-way Valve can only be connected to the exhaust integrated main pipe, and not directly connected to the exhaust main pipe.

3、订货 Order Goods

- 需指定型号、公称进口通径
  Please tell us the model,nominal diameter
- 如：DSV3-25
  E.g.:DSV3-25
  表示进口通径DN25化霜三通阀
  It is means inlet nominal diameter DN25 Defrosting Three-way valve

化霜三通阀 Defrosting Three-way Valve

型号 Model	尺寸Size（mm）						
	D1	D2	L	L1	L2	L3	H
DSV3-25	34	28	135	100	25	20	263
DSV3-32	42	28	135	100	25	20	263
DSV3-40	49	35	138	130	20	20	317
DSV3-50	58.5	35	138	130	20	20	317

1、技术参数 Technical Parameter

- 公称通径：DN25-DN80
  Nominal Diameter: DN25-DN80
- 公称压力: 4.0MPa
  Nominal Pressure: 4.0MPa
- 适用介质: 氟、氨等制冷剂
  Applicable Medium: Freon, Ammonia and other refrigerants
- 适用油: 各种通用型冷冻油
  Applicable Oil: Various general-purpose refrigeration oils
- 适用温度：-46℃～ +150℃
  Applicable Temperature: -46℃～ +150℃
- 量程温度: 49℃（A）、54℃（B）、60℃（C）、77℃（D）、35℃ (E)
  Range Temperature: 49℃（A）、54℃（B）、60℃（C）、77℃（D）、35℃ (E)
- 最小操作温度: ≥ -10℃
  Minimum Operating Temperature: ≥ -10℃



2、说明 Instructions

OTRV 油温调节阀是一个制冷用的三通阀，通过对螺杆压缩机或离心压缩机润滑油系统中热油和冷油进行混合用于维持压缩机的油温处于稳定的水平，也可以作为方向换向阀使用。

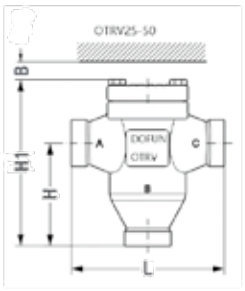
阀体接口分 A\B\C 标识,作为油温调节阀用时,A 接压缩机,B 接高温油,C 接冷油,当温度达到感应元件的温度时,自动控制 B 和 C 的流量,从而达到调节油温的目的。作为方向换向阀使用时，A 为入口，B 接压缩机管路，C 接冷油。

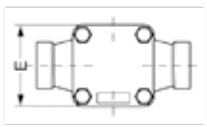
The OTRV is a three-way valve for refrigeration. It is used to maintain the oil temperature of the compressor at a stable level by mixing the hot oil and cold oil in the lubricating oil system of the screw compressor or centrifugal compressor. It can also be used Used as a directional control valve.

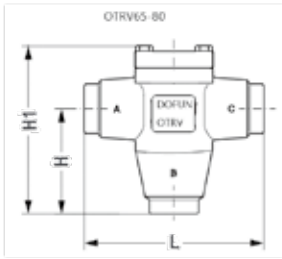
The valve body interface is marked with A\B\C. When used as an oil temperature regulating valve, A is connected to the compressor, B is connected to the high-temperature oil, and C is connected to the cold oil. When the temperature reaches the temperature of the sensing element, the flow of B and C is automatically controlled. So as to achieve the purpose of adjusting the oil temperature. When used as a directional reversing valve, A is the inlet, B is connected to the compressor pipeline, and C is connected to the cooling oil.

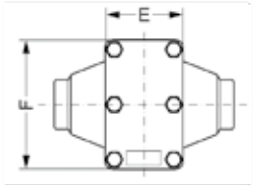
3、订货 Order Goods

- 默认感应元件（温包）量程温度: 49℃（A），默认加工 DIN 接口
  Default sensing element (Thermostatic) temperature range: 49℃（A）, Default processing DIN interface
- 指定型号和量程温度: OTRV 50 表示 DN50 油温调节阀，感应温包温度 49°
  Specified model and temperature range:OTRV50A Indicates DN50 oil temperature regulating valve, the temperature of the temperature range is 49° .









油温调节阀 Oil Temperature Regulating Valve									
型号 Model	通径 Nominal Diameter (DN)	尺寸（mm）Size（mm）							
		接口尺寸 connection Size		H1	H	L	E	B	F
		GB	DIN						
OTRV	25	32	33.7	178	110	165	91	80	-
	32	38	42.4	178	110	165	91	80	-
	40	45	48.3	215	138	195	110	90	-
	50	57	60.3	215	138	195	110	90	-
	65	76	76	252	138	265	115	90	190
	80	89	89	252	138	265	115	90	190

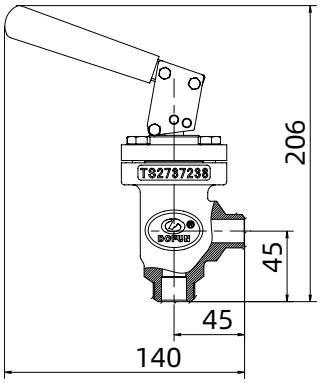
快速放油阀 QCV

Quick closing oil Drain Valve Closing QCV Type

1、技术参数 Technical Parameter

- 公称通径 :DN15
  Nominal Diameter: DN15
- 公称压力 :4.0MPa
  Nominal Pressure: 4.0MPa
- 内置卸荷压力 :16bar
  Built-in Unloading Pressure: 16bar
- 适用介质 : 氨制冷剂
  Applicable Medium: Ammonia refrigerant
- 适用温度 :-46℃ ~ +150℃
  Applicable Temperature: -46℃ ~ +150℃



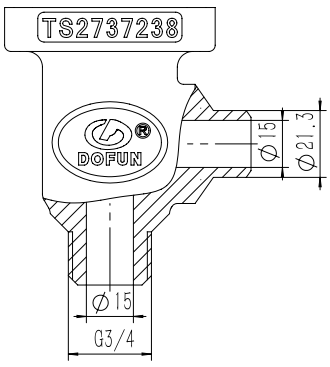


2、说明 Instruction

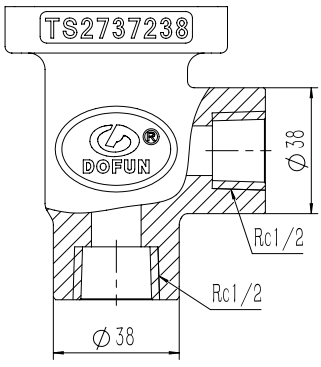
QCV 快速放油阀是一种氨制冷系统排油用阀门，按下手柄，打开阀门，
松开手柄后阀门立刻关闭。
The QCV is used for oil discharge in ammonia refrigeration system. Press the handle to open the valve.The valve closes immediately after the handle is released.
QCV 快速放油阀需要在阀前配套截止阀一起安装到系统中，为防止截止阀直接产生积液，QCV 阀内置泄压装置，开启压力 16bar。
The QCV quick drain valve needs to be installed in the system together with the stop valve in front of the valve.
In order to prevent liquid effusion directly with the stop valve, the QCV valve has a built-in pressure relief device with a cracking pressure of 16bar.

3、订货 Order Goods

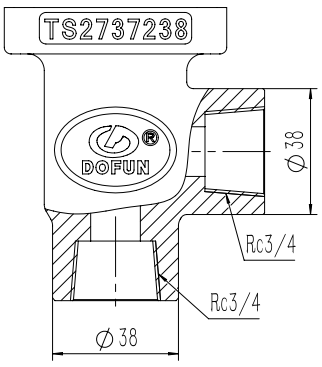
- 默认 DN15-G3/4 接口
  The default interface is DN15-G3/4
- 指定阀体连接尺寸
  Please specify valve body connection Size
- 阀体的不同的连接结构
  Different connection structures of the valve body



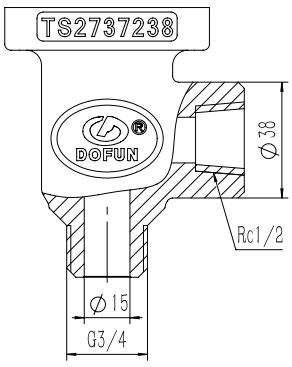
DN15-G3/4(默认状态 Default state)



Rc1/2-Rc1/2



Rc3/4-Rc3/4



Rc1/2-G3/4

1、技术参数 Technical Parameter

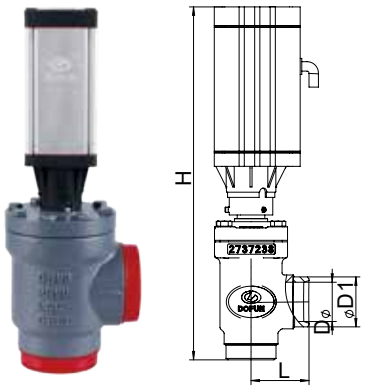
- 公称通径：DN15-DN150
  Nominal Diameter: DN15-DN150
- 公称压力：4.0MPa
  Nominal Pressure: 4.0MPa
- 模拟信号0-10V、4-20mA，PLC总线控制模式；
  Analog Signal 0-10V, 4-20mA, PLC bus control mode;
- 模块化设计，方便安装、保养、维修；
  Modular design, easy to install, maintain and repair;
- 5级外密封结构，保证零泄漏；
  Grade 5 outer seal structure ensures zero leakage;
- 适用温度：-46℃～+150℃
  Temperature Range: -46 ℃ ～ + 150 ℃
- 电源电压：24V
  Power Supply Voltage: 24V
- 结构形式：角式结构代号A　直通结构代号S
  Structure Form: Angle Type Structure’ s code is A
  Straight Type Structure’ s code is S

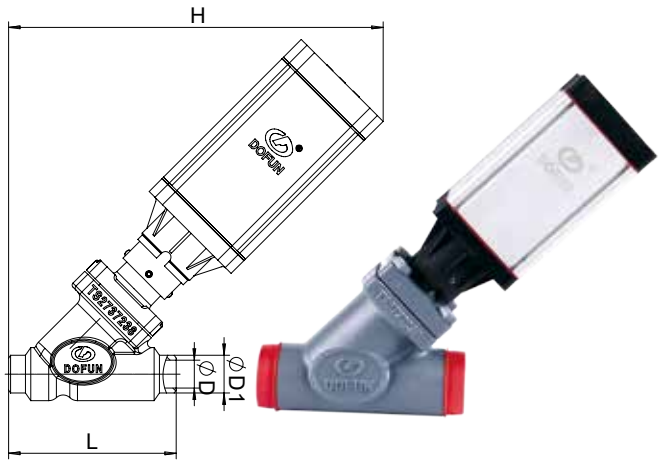
2、说明 Instruction

用于工业制冷各管路中的控制阀，方便实现自动化控制。
Used for Control Valves in industrial refrigeration pipelines
easy to realize automatic control.

3、订货 Order Goods

- 需指定型号、结构形式
  Please tell us the model and structure type you want when ordering.
- 例：DFMV40-A
  E.g.:DFMV40-A
  表示DN40角式电动阀
  It means Angle type Motor Valve.





角式电动阀 Angle Type Motor Valve						
型号 Model	通径 Nominal Diameter (DN)	尺寸 Size（mm）				
		ΦD1-GB	ΦD1-DIN	ΦD1	L	H
DFMV-A	15	22	21.3	15	45	268
	20	27	27	20	45	315
	25	32	33.7	25	45	315
	32	38	42.4	32	49.5	368
	40	45	48.3	38	56	368
	50	57	60.3	49	60	350
	65	76	76	62	90	390
	80	89	89	76	106	430
	100	108	114	96	121	468
	125	133	139.7	120	133	495
	150	159	168	150	146	537

直通电动阀 Straight Type Motor Valve						
型号 Model	通径 Nominal Diameter (DN)	尺寸 Size（mm）				
		ΦD1-GB	ΦD1-DIN	ΦD1	L	H
DFMV-S	15	22	21.3	15	120	268
	20	27	27	20	120	268
	25	32	33.7	25	120	268
	32	38	42.4	32	128	335
	40	45	48.3	38	156	335
	50	57	60.3	49	149	310
	65	76	76	62	176	352
	80	89	89	76	216	395
	100	108	114	96	264	423
	125	133	139.7	120	320	443
	150	159	168	150	460	474

T 型电动阀 DFMV-T

T type Motor Valve DFMV-T Type

1、技术参数 Technical Parameter

- 公称通径：DN20-DN150
  Nominal Diameter: DN20-DN150
- 公称压力：6.3MPa
  Nominal Pressure: 6.3MPa
- 模拟信号0-10V、4-20mA，PLC总线控制模式；
  Analog Signal 0-10V, 4-20mA, PLC bus control mode;
- 模块化设计，方便安装、保养、维修；
  Modular design, easy to install, maintain and repair;
- 5级外密封结构，保证零泄漏；
  Grade 5 outer seal structure ensures zero leakage;
- 适用温度：-46℃～+150℃
  Temperature Range: -46 ℃ ～ + 150 ℃
- 电源电压：24V
  Power Supply Voltage: 24V

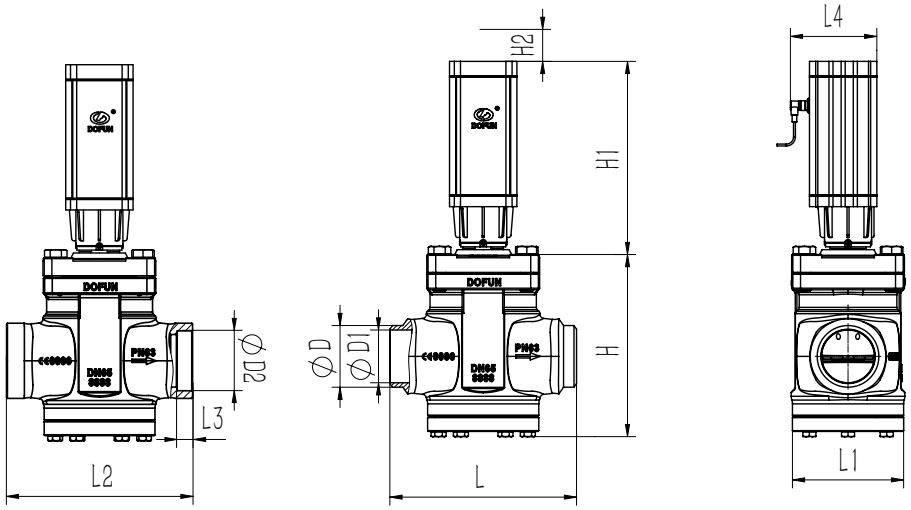
2、说明 Instruction

用于工业制冷各管路中的控制阀，方便实现自动化控制。
Used for Control Valves in industrial refrigeration pipelines easy to realize automatic control.



3、订货 Order Goods

- 需指定型号、结构形式
  Please tell us the model and structure type you want when ordering.
- 例：DFMV-T 40
  E.g.:DFMV-T 40
  表示DN40 T型电动阀
  It means DN40 T Type Motor Valve.

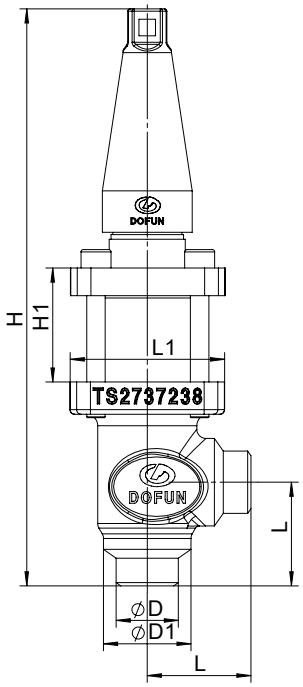


先导主阀 Pilot Main Valve												
型号 Model	通径 Nominal Diameter (DN) D1	尺寸 Size (mm)										
		ΦD		ΦD2	L	L1	L2	L3	L4	H	H1	H2
		GB	DIN									
DFMV-T 20	20	27	27	27.2	135	74	135	13	115	85	230	50
DFMV-T 25	25	32	33.7	33.9	135	74	137	13	115	130	230	50
DFMV-T 32	32	38	42.4	42.7	145	86	148	13	115	158	230	50
DFMV-T 40	40	45	48.3	48.8	160	97	166	13	115	172	230	50
DFMV-T 50	50	57	60.3	61.2	200	108	216	16	115	206	230	50
DFMV-T 65	65	76	76	74	230	140	230	16	115	234	230	50
DFMV-T 80	80	89	89	/	245	140	/	/	115	234	230	50
DFMV-T 100	100	108	114	/	295	484	/	/	115	350	230	50
DFMV-T 125	125	133	139.7	/	350	527	/	/	115	412	230	50
DFMV-T 150	150	159	168	/	445	591	/	/	115	468	230	50

1、技术参数 Technical Parameter

- 公称通径：DN20-DN40
  Nominal Diameter: DN20-DN40
- 压力调整范围：2-6.5bar，3.5-8bar
  Pressure Adjustment Range: 2-6.5bar　3.5-8bar
- 适用介质：R12,R22,R502,R134a,R404a,R507,R717,R744等制冷剂。
  Applicable Medium: R12,R22,R502,R134a,R404a,R507,R717,R744 and other refrigerants.
- 适用温度：-46℃～+150℃
  Applicable Temperature: -46 ℃ ～ + 150 ℃





溢流阀 Overflow Valve							
型号 Model	通径 Nominal Diameter (DN)	尺寸 Size (mm)					
		ϕD	ϕD1	L	L1	H	H1
OFD	20	26.9	38	45	60	250.5	49.5
	25	33.7	38	45	60	250.5	49.5
	32	42.4	52	56	70	347.5	59.5
	40	48.3	52	56	70	347.5	59.5

1、技术参数 Technical Parameter

- 公称通径：DN20-DN25
  Nominal Diameter: DN20-DN25
- 制冷剂：适用于氨在内的各种不可燃制冷剂及无腐蚀性的气体、液体，但要注意使用相应的密封材料，可燃性碳氢化合物不推荐使用。
  Refrigerant：Applicable to various non-flammable refrigerants such as ammonia and non-corrosive gases and liquids, but pay attention to the use of corresponding sealing materials. Flammable hydrocarbons are not recommended.
- 适用温度：-46℃ ~ +65℃
  Temperature Range -46℃ ~+65℃
- 压力范围：最大工作压力 :28 bar g
  Pressure Range：Max.Working pressure :28 bar g
- 电气参数：微电子单刀双掷开关
  Electrical Parameters：Microelectronic single pole double throw switch
  250 V a.c / 10 A　30 V d.c / 5 A　有常开及常闭两种功能
  250 V a.c / 10 A 30 V d.c / 5 A　It has two functions: normally open and normally closed.
- DIN43650接线标准：PG11， 8-10mm
  DIN43650 Cable Standard : PG11，8-10mm
- 接线:1.5mm²(16AWG)3 + PE ， IP65
  Cable:1.5mm²(16AWG)3 + PE ， IP65
- 外接法兰接口公称通径：DN20、DN25
  Nominal Diameter Of External Flange Interface: DN20、DN25
- 回差：12.5-50mm，出厂默认50mm ,调节步长12.5mm
  Float Level Difference:12.5- 50mm, Factory default 50mm, Adjustment the step length12.5mm

2、说明 Instruction

LS50液位开关以浮球为感应元件，浮球在液体里时随液位浮力产生变化，随着液位升降，带动触头升降；在开关机构上安装一个永久性磁铁，当浮球随着液位升高时，触头进入磁铁的磁场中，然后磁铁把触头迅速闭合，使开关动作。当液位下降时，复位弹簧使磁铁缩回，从而解除开关机构的动作，实现了液位自动控制过程。

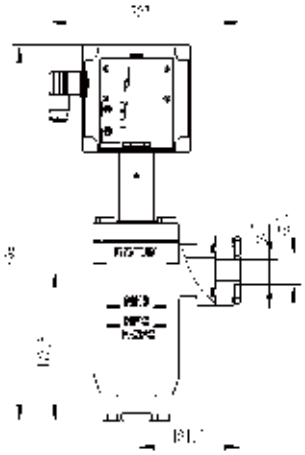
The LS50 uses a floating ball as the sensing element. When the floating ball is in the liquid, it changes with the liquid level buoyancy. With the liquid level rises and falls, the contact moves up and down;Install a permanent magnet on the switch mechanism. When the float rises with the liquid level, the contact enters the magnetic field of the magnet, and then the magnet closes the contact quickly to make the switch act.When the liquid level drops, the reset spring causes the magnet to retract, thereby releasing the action of the switch mechanism and realizing the automatic control process of the liquid level.

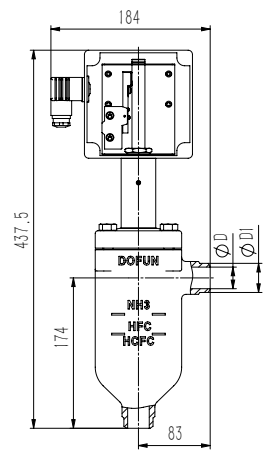
3、订货 Order Goods

- 需指定型号、接口通径尺寸
  Please tell us the model and nominal diameter size of interface you want when ordering.
- 例：LS50-20表示DN20接口液位开关，如不指定接口通径，默认DN25
  E.g.:LS50-20 it is means DN20 interface Liquid Switch, if the interface diameter is not specified, it will be defaulted is DN25.









LS50　　LS50W

型号 Model	通径 Nominal Diameter (DN)	ΦD	ΦD1	
			A	B
LS50	20	20	27	25
	25	25	33.7	32

型号 Model	通径 Nominal Diameter (DN)	ΦD	ΦD1	
			GB	DIN
LS50W	20	20	27	27
	25	25	32	33.7

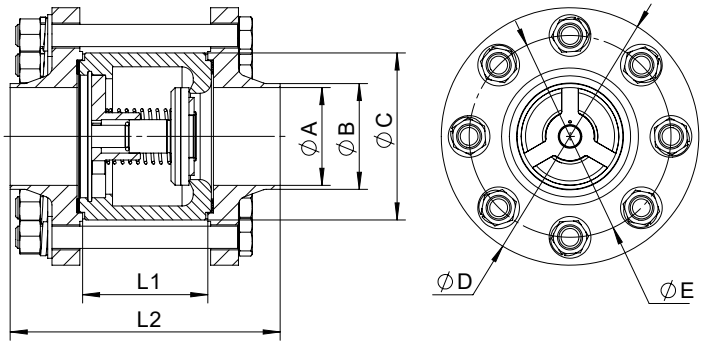
1、技术参数 Technical Parameter

- 公称通径：DN15-DN150
  Nominal Diameter: DN15-DN150
- 公称压力：2.5MPa
  Nominal Pressure: 2.5MPa
- 适用介质：R12,R22,R502,R134a,R404a,R507,R717等制冷剂。
  Applicable Medium: R12,R22,R502,R134a,R404a,R507,R717 and other refrigerants.
- 适用温度：-46℃～+150℃
  Applicable Temperature: -46 ℃ ～ + 150 ℃
- 开启压差：0.04bar
  Opening Pressure Difference: 0.04bar



2、订货 Order Goods

- 需指定型号
  Please tell us the model you want when ordering.
- 例：NRVD32
  E.g.: NRVD32
  表示DN32对夹止回阀
  It means DN32 Neck Flange Check Valve.

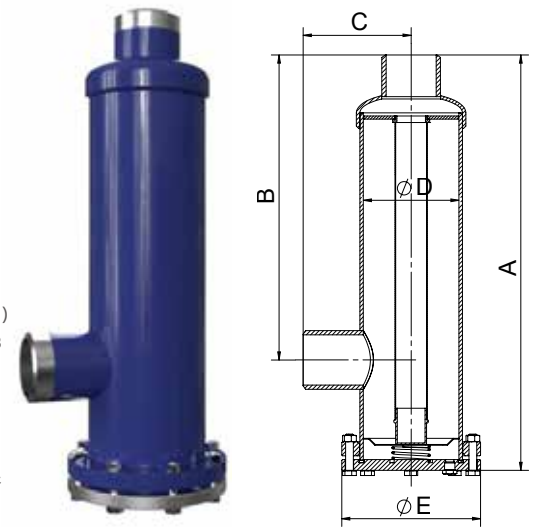


对夹止回阀 Neck Flange Check Valve

型号 Model	通径 Nominal Diameter (DN)	尺寸 Size（mm）							
		ϕA	ϕB		ϕC	ϕD	ϕE	L1	L2
			A口	B口					
NRVD	15	15	21.3	21.3	68	115	85	65	145
	20	20	27	27	68	115	85	65	145
	25	25	33.7	32	68	115	85	65	145
	32	32	42.4	38	78	140	100	65	149
	40	40	48.3	45	88	150	110	70	160
	50	50	60.3	57	98	165	125	80	176
	65	65	76.1	76	120	185	145	90	192
	80	80	88.9	89	138	200	160	100	216
	100	100	114.5	108	160	235	190	114	244
	125	125	139.7	133	188	270	220	124	260
	150	150	168.3	159	218	300	250	144	294

1、技术参数 Technical parameters

- 公称通径：DN32-DN125
  Nominal Diameter: DN32-DN125
- 公称压力：3.5MPa
  Nominal Pressure: 3.5MPa
- 适用介质：R12,R22,R502,R134a,R404a,R507,R717, 等制冷剂。
  Applicable Medium: R12, R22, R502, R134a, R404a, R507, R717, and other refrigerants.
- 适用温度：-46℃～ +150℃
  Applicable Temperature: -46℃～ +150℃
- 滤网类型: SF-100 纸芯、H-100 干燥芯、F-100 不锈钢单层网芯（38 目、72 目、100 目、150 目）
  Filter Type: SF-100 paper core、H-100 dry core、F-100Stainless steel single-layer mesh core (38 mesh, 72 mesh,100 mesh, 150 mesh)



2、说明 Instruction

滤芯类型和数量可更换，适合更多的工况，可有效去除系统内部杂质、水分，从而更有效保护压缩机，并延长其使用寿命。
The type and number of filter elements can be replaced, suitable for more working conditions, and can effectively remove impurities and moisture inside the system, thereby protecting the compressor more effectively and prolonging its service life.

3、订货 Order Goods

- 需指定型号、滤芯类型，参考表格
  Please specify the model,filter element type and by refering to the table when ordering

滤网式筒式过滤器（100 型）Strainer Cartridge Filter (Model 100)

型号 Model	芯数 No.of cores	对焊接口 Butt Welding		外形尺寸 Dimensions				
		(inch)	(mm)	A	B	C	D	E
DCA-10011	1	1-3/8	Φ41×3	296	204	116	152	196
DCA-10013	1	1-5/8	Φ48×3	296	200	116		
DCA-10017	1	2-1/8	Φ61×3.5	305	203	126		
DCA-10021	1	2-5/8	Φ74×3.5	313	206	136		
DCA-10025	1	3-1/8	Φ88×4	310	194	136		
DCA-10034	1	3-7/8	Φ107×4	308	180	136		
DCA-10042	1	4-7/8	Φ132×4	316	179	136		

干燥式筒式过滤器（48 型）Dry Cartridge Filter(Model 48)

型号 Model	芯数 No. of cores	ODS 接口铜管 ODS Interface Copper Pipe	对焊接口钢管 Butt Welded Steel Pipe	外形尺寸 Dimensions				
		(inch)	(mm)	A	B	C	D	E
DCA-48485	1	5/8--16/19		233	152	79	114	153
DCA-48487	1	7/8--22/25		238	157	84		
DCA-48489	1	1-1/8--29/32	Φ32×3	243	162	89		
DCA-4811	1	1-3/8--35/38	Φ41×Φ35	243	162	89		
DCA-4813	1	1-5/8--42/45	Φ48×Φ42	248	157	94		
DCA-4817	1	2-1/8--54/58	Φ61×Φ54	252	161	94		
DCA-4821	1		Φ74×Φ67	259	163	117		
DCA-4825	1		Φ88×Φ80	253	147	117		

根据需求选择产品类型、滤芯个数（最多 4 个）
Select the product type and the number of filter elements according to the needs (up to 4pcs can be selected)

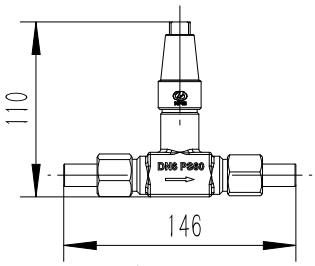
1、技术参数 Technical Parameter

- 公称通径: DN6-DN10
  Nominal Diameter: DN6-DN10
- 公称压力: 4.0MPa、6.3Mpa
  Nominal Pressure: 4.0MPa,6.3Mpa
- 适用介质: R12,R22,R502,R134a,R404a,R507,R717,R744 等制冷剂。
  Applicable Medium: R12, R22, R502, R134a, R404a, R507, R717, R744 and other refrigerants.
- 适用温度: -46℃～ +150℃
  Applicable Temperature: -46 ℃ ～ + 150 ℃

2、订货 Order Goods

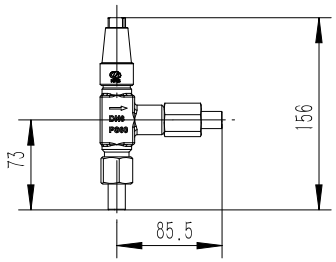
- 需指定型号、结构形式、公称压力, 螺纹连接时还需明确螺纹规格和连接方式
  Please tell us the model,the structural type, nominal pressure, and thread connection type when ordering. And thread connection also need to specify the thread specification and connection method.
- 例: DN6-A 表示 DN6 角式截止阀 公称压力 4.0MPa
  E.g: DN6-A ,It is means DN6 Angle Type Stop Valve, Nominal Pressure is 4.0 MPa.
  DN6-HA 表示 DN6 角式截止阀 公称压力 6.3MPa。当不指定公称压力时, 默认状态 4.0MPa
  DN6-HA ,It is means DN6 Angle Type Stop Valve,Nominal Pressure is 6.3 MPa.When the nominal pressure is not specified, its default state is 4.0MPa.





直通截止阀
Straight Type Stop Valve





角式截止阀
Angle Type Stop Valve

按照需要配置 DN6、DN10 接头, 角式配置可以根据需求加工不同的中心尺寸, 图示为默认配置尺寸
According to the need to configure DN6, DN10 joints, angle configuration can be processed according to different center sizes, the diagram shows default configuration size.

螺纹连接系列压力表阀门螺纹规格表
Thread connection series pressure gauge valve thread specification table

序号 NO.	进口尺寸 Inlet Size	出口尺寸 Outlet Size	备注 Remark
SVS(A)-01	M20×1.5	M20×1.5	外螺纹 external thread

1、技术参数 Technical Parameter

- 公称通径: DN6-DN10
  Nominal Diameter: DN6-DN10
- 公称压力: 4.0MPa、6.3Mpa
  Nominal Pressure: 4.0MPa,6.3Mpa
- 适用介质: R12,R22,R502,R134a,R404a,R507,R717,R744 等制冷剂。
  Applicable Medium: R12, R22, R502, R134a, R404a, R507, R717, R74 and other refrigerants.
- 适用温度: -46℃ ~ +150℃
  Applicable Temperature: -46 ℃ ~ + 150 ℃

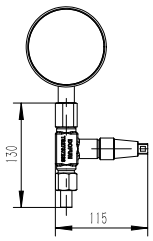
2、订货 Order Goods

- 订货需指定型号、结构形式、公称压力
  Please tell us the model ,structural type and nominal pressure you want when ordering.
- 例: PGV10-A 表示 DN10 角式压力表阀, 公称压力 4.0MPa
  E.g:PGV10-A It is means DN10 Angle Type Pressure Gauge Valve,Nominal Pressure is 4.0MPa.
  PGV10-S 表示 DN10 直通压力表阀, 公称压力 4.0MPa
  PGV10-S It is means DN10 Straight Type Pressure Gauge Valve,Nominal Pressure is 4.0MPa.
  PGV10-HS 表示 DN10 直通压力表阀, 公称压力 6.3MPa
  PGV10-HS It is means DN10 Straight Type Pressure Gauge Valve,Nominal Pressure is 6.3Mpa.
  压力表阀接压力表螺母默认 M20×1.5, 左旋, 需要其它连接尺寸时需指明
  The nut of the Pressure Gauge Valve connected to the pressure gauge defaults to M20×1.5, left-handed, and it should be specified when other connection dimensions are required.

螺纹连接系列压力表阀门螺纹规格表
Thread Specification Table Of Thread Connection Pressure Gauge Valve

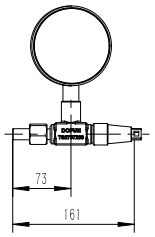
型号 Model	进口尺寸 Inlet Size	出口尺寸 Inlet Size	备注 Remark
PGV(S/A)-01	M20×1.5	M20×1.5	外螺纹
PGV(S/A)-02	NPT 1/4	NPT 1/4	进口外螺纹, 出口内螺纹
PGV(S/A)-03	NPT 3/8	NPT 3/8	
PGV(S/A)-04	NPT 1/2	NPT 1/2	
PGV(S/A)-05	MPT 1/4	FPT1/4	进口外螺纹 出口内螺纹 55°密封管螺纹
PGV(S/A)-06	MPT3/8	FPT3/8	
PGV(S/A)-07	MPT1/2	FPT1/2	





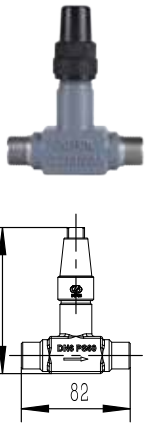
直通压力表阀



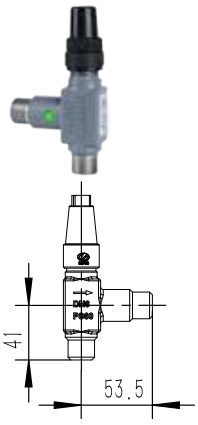


角式压力表阀

按照需要配置DN6、DN10接头，角式配置可以根据需求加工不同的中心尺寸，图示为默认配置尺寸
According to the need to configure DN6, DN10 joints, angle configuration can be processed according to different center sizes, the diagram shows default configuration size.

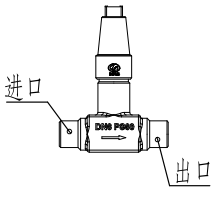


直通螺纹连接
Straight Type
Threaded connection

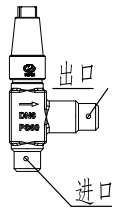


角式螺纹连接
Angle Type
Threaded connection

直通/角式配置可以根据需求加工不同的中心尺寸，图示默认配置尺寸。
The straight/angle configuration can process different center sizes according to requirements, and the diagram is default configuration size.



直通螺纹连接
Straight Type
Threaded connection



角式螺纹连接
Angle Type
Threaded connection

1、技术参数 Technical Parameter

- 公称进口通径： DSV1 DN25 DSV2 DN20、DN25、DN32
  Nominal Inlet Diameter: DSV1 DN25 DSV2 DN20、DN25、DN32
- 出口螺纹： DSV1 NPT 3/4 DSV2 NPT 3/4、NPT 1 1/4
  Thread Of Outlet: DSV1 NPT 3/4 DSV2 NPT 3/4、NPT 1 1/4
- 公称压力：4.0MPa
  Nominal Pressure: 4.0MPa
- 适用介质：R12,R22,R502,R134a,R404a,R507,R717,R744等制冷剂。
  Applicable Medium:R12,R22,R502,R134a,R404a,R507,R717,R744 and other refrigerants.
- 适用温度：-46℃～+150℃
  Applicable Temperature: -46 ℃ ～ + 150 ℃

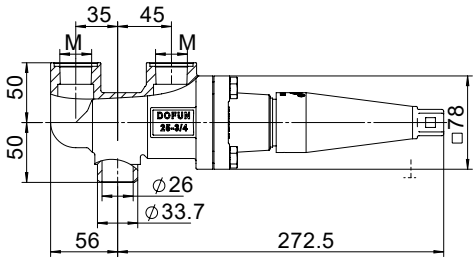
2、说明 Instruction

DSV三通截止阀主要用于连接两个安全阀，旋转阀杆可以在两个安全阀之间切换，方便维护。
The DSV is mainly used to connect two safety valves, and the rotating stem can be switched between the two safety valves, which is convenient for maintenance.

3、订货 Order Goods

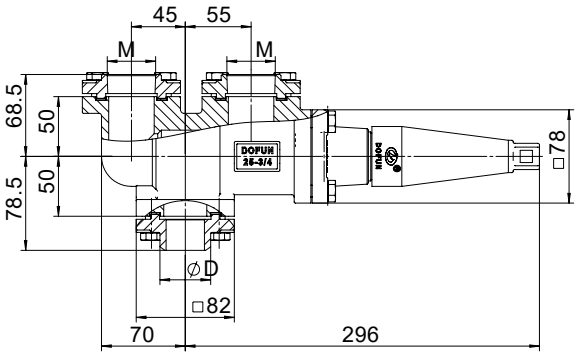
- 需指定型号、公称进口通径、出口螺纹尺寸
  Please tell us the model,nominal inlet diameter, outlet thread size when ordering.
- 例：DSV2-25-3/4 表示进口通径DN25，出口NPT 3/4螺纹的DSV2三通截止阀
  E.g.: DSV2-25-3/4 It is means DSV2 Double Stop Valve with inlet nominal diameter DN25,outlet thread is NPT3/4 thread .





DSV1



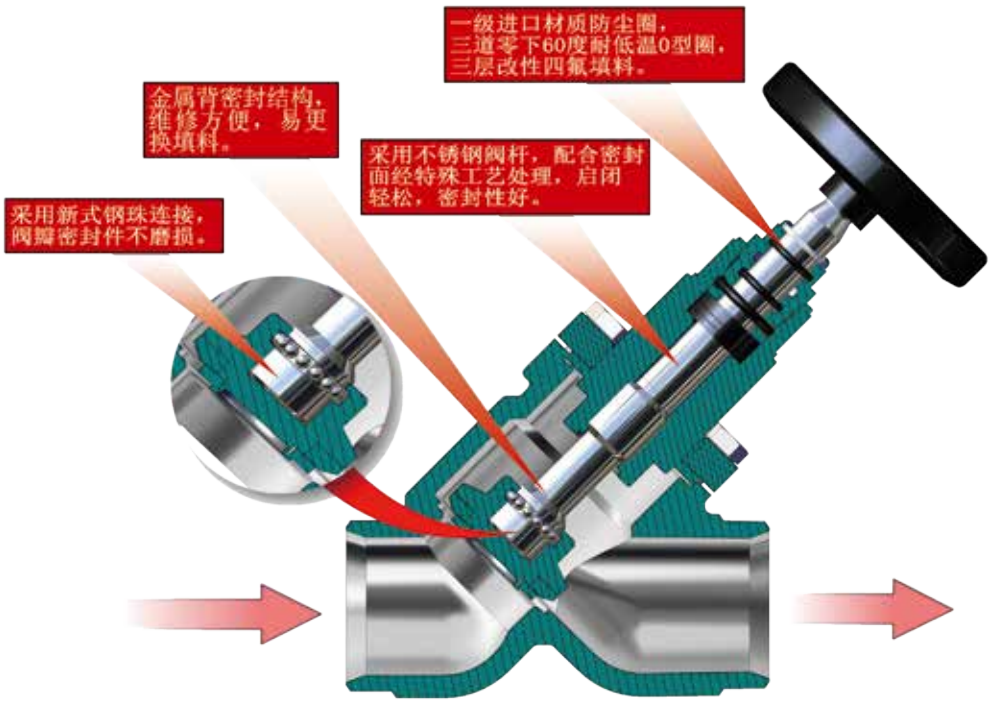


DSV2、DSV4

三通截止阀 Double Stop Valve		
型号 Model	出口螺纹尺寸 Outlet Thread size(M)	ΦD
DSV1-25	NPT3/4	33.7
DSV2-20	NPT3/4	27
DSV2-25	NPT3/4	33.7
DSV2-32	NPT3/4	42.4
DSV4-25	NPT 1 1/4	33.7
DSV4-32	NPT 1 1/4	42.4

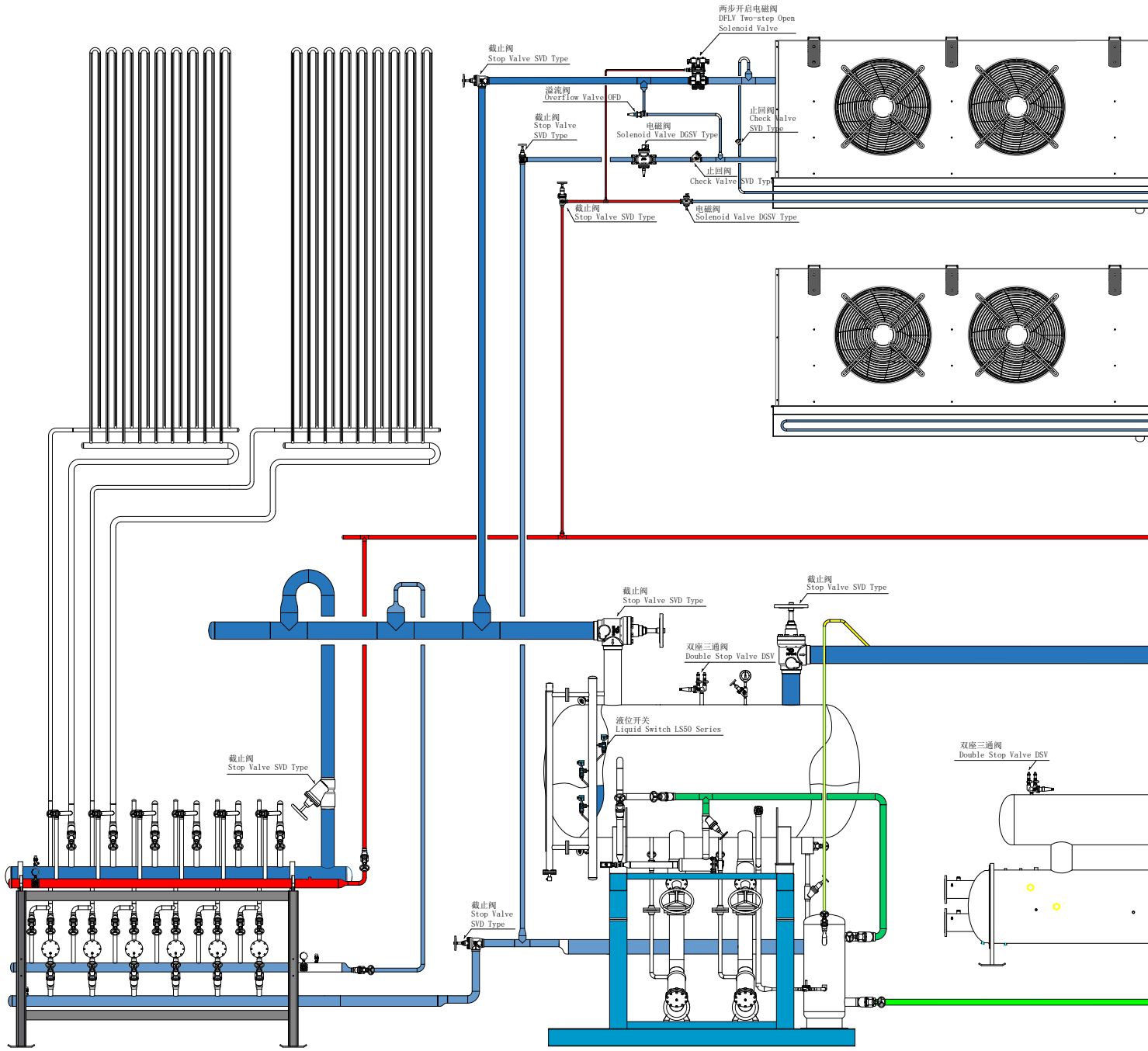
结构特点

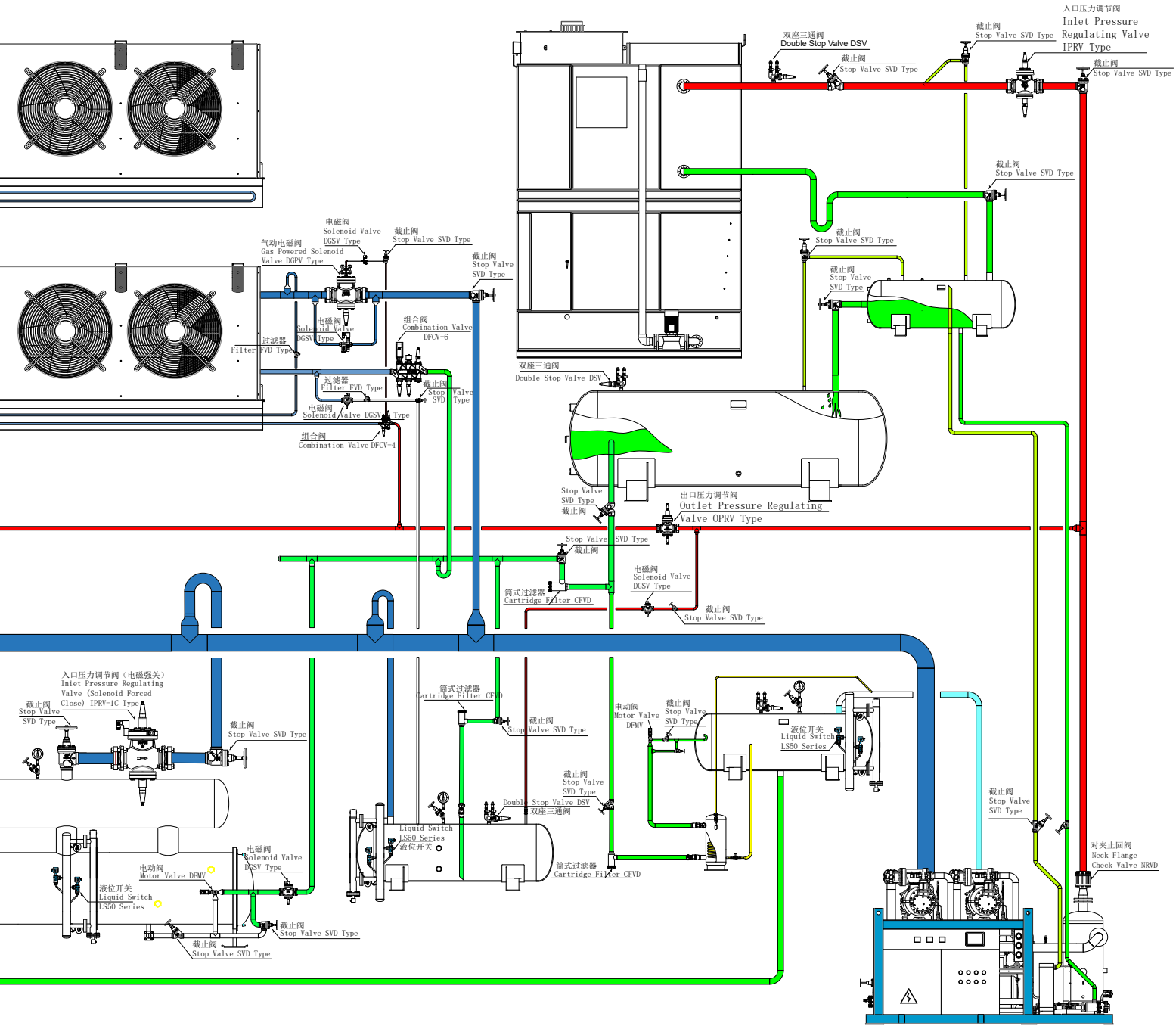
Structural Features



1、整体阀门由低温合金钢精铸或精锻而成，Y型结构，流体阻力小，不产生热量和涡流，不存液，减少制冷剂的加注量，不产生液爆和闪发气体。
2、六级密封结构，全部采用进口材料，完全杜绝泄露的发生，六级保护，安全可靠。
3、304不锈钢阀杆高耐腐蚀性永不生锈，表面经纳米技术处理（国家专利），提高表面硬度的同时，也使光洁度Ra值≤0.03，近乎无摩擦，任何情况下都能实现手轮启闭（无需扳手），正常启闭5000次无泄漏，极大提高使用寿命和安全性。
4、高强度压铸铝阀帽，轻便不锈，铝阀帽上拥有两个不同尺寸的内四方（国家专利），实现不同型号阀门的启闭功能。
5、先进的模块化设计，实现同一个阀体安装不同功能组件，实现不同功能，方便快捷。
6、加长结构（国家专利），焊接时不需要拆卸（阀门上每个螺栓都有固定的扭力，有效避免拆卸后安装扭力不合理产生泄露的可能），有效防止焊接热量损坏密封填料。
7、新型阀体密封结构（国家专利），保证阀门在任何位置都能有效关闭，极大提高安全性。

1.The valve is made through low-temperature alloy precision casting or forging, with Y-shaped structure which can reduce the flow resistance, avoid the calorification, eddy and effusion, decrease the supplement of refrigerant, and meanwhile produce no liquid explosion or flash gas.
2.The six-level sealing structure uses imported materials and can thoroughly avoid leakage. Six levels of protection makes the structure more safe and reliable.
3.The valve rod is made of 304 stainless steel which can never be rusted. The surface is NANO processed (national patent) which has increased the surface hardness; meanwhile, the Ra value of surface finish is no more than 0.03 and the friction is almost zero. Therefore, under all cases, t can be opened and closed with the pilot wheel (no need to use any wrench). It has a testing record which is no leakage after 5000 times of operating, thus greatly enhancing the service life and safety.
4. High strength die-cast Aluminum cap of valve is used which is lightweight and stainless. Two different sizes of Quadrates (national patent) are on the cap to realize the operation of different types of valve rods.
5. Advanced modular design makes it possible to assemble different functions of components on the same valve, which is quite convenient and quick.
6.Its lengthened structure (national patent) never requires disassembling when welding (each bolt on the valve has fixed torque, effectively avoiding the leakage due to the unreasonable installation of torque when reassembling), which can effectively protect seal fillings from welding heat.
7. New type of seal structure (national patent) ensures the valve can be effectively closed at any position, greatly improving the safety.


两步开启电磁阀
DFLV Two-step Open Solenoid Valve
截止阀
Stop Valve SVD Type
溢流阀
Overflow Valve OFD
截止阀
Stop Valve SVD Type
电磁阀
Solenoid Valve DGSV Type
止回阀
Check Valve SVD Type
止回阀
Check Valve SVD Type
截止阀
Stop Valve SVD Type
电磁阀
Solenoid Valve DGSV Type
截止阀
Stop Valve SVD Type
截止阀
Stop Valve SVD Type
双座三通阀
Double Stop Valve DSV
液位开关
Liquid Switch LS50 Series
双座三通阀
Double Stop Valve DSV
截止阀
Stop Valve SVD Type
截止阀
Stop Valve SVD Type


入口压力调节阀
Inlet Pressure Regulating Valve IPRV Type
双座三通阀
Double Stop Valve DSV
截止阀
Stop Valve SVD Type
电磁阀
Solenoid Valve DGSV Type
气动电磁阀
Gas Powered Solenoid Valve DGPV Type
过滤器
Filter FVD Type
组合阀
Combination Valve DFCV-6
Combination Valve DFCV-4
出口压力调节阀
Outlet Pressure Regulating Valve OPRV Type
筒式过滤器
Cartridge Filter CFVD
入口压力调节阀（电磁强关）
Iniet Pressure Regulating Valve (Solenoid Forced Close) IPRV-1C Type
电动阀
Motor Valve DFMV
液位开关
Liquid Switch LS50 Series
对夹止回阀
Neck Flange Check Valve NRVD






























启于己心
From the dream
止于至善
To the world
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