DEREIKE
Air pumps and systems

GV-01-02 铝合金释压阀

(GV-01-02 Relief Valve)

高端旋涡风机附件

Side channel blower accessories



GV-01-02释压阀是RV-01/02释压阀的改进型产品。它消除了RV-01/02释压阀因调节螺钉偏置，造成中心阀门卡顿的结构缺陷。 提高释压阀工作的可靠性。

GV-01-02 pressure relief valve is an improved version of RV-01/02 pressure relief valve.It eliminates the RV-01/02 pressure relief valve due to the adjustment screw bias, resulting in the center valve of the structure defects.Improve the reliability of pressure relief valve.

GV-01-02结构特点（GV-01-02structure characteristics)

1.GV-01-02释压阀的释放压重复误差小于3%（RV-01/02的释放压重复误差为5-10%）。
2.老款释压阀调节压力释放值必须把释压阀从设备上拆下调节。GV-01-02释压阀可以安装在设备上直接调节压力释放值，方便快捷。
3.GV-01-02释压阀与RV-01/02释压阀安装尺寸一致，不需做任何改变，可直接互换使用。
4.GV-01-02释压阀采用优质航空铝材料，耐高温可达240℃，满足高端客户的应用环境需要。

1. Release pressure repeat error of GV-01-02 pressure release valve is less than 5% (release pressure repeat error of RV-01/02 is 5 -10%).
2.The GV-01-02 pressure release valve must be removed from the device to adjust the pressure release value. GV-01-02 pressure relief valve can be installed on the equipment to directly adjust the pressure relief value, convenient and quick.
3.GV-01-02 pressure relief valve and RV-01/02 pressure relief valve installation size is the same, do not need to make any changes, can be directly used interchangeably.
4.The GV-01-02 pressure relief valve is made of high-quality aviation aluminum material, which can withstand high temperatures up to 240 ℃, meeting the application environment needs of high-end customers.

工作原理（Operating principle)

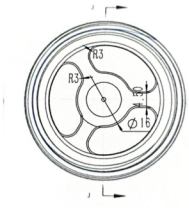
释压阀根据风机保护的需要，安装在风机的进气口或出气口上。

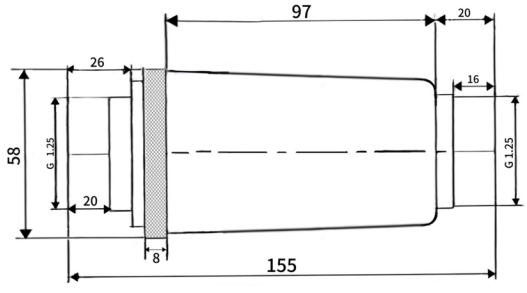
1.当风机工作压力超过释压阀预设的额定压力时，释压阀会在3秒内自动打开，过载压力得到释放，保护风机不会损坏。
2.当风机的工作压力降低到设定的安全值时，释压阀会自动关闭，保持风机正常的工作状态。
3.释压阀的主轴，弹簧是304不锈钢材料制造的。其他部件的制造材料是优质高强度铝合金。

The relief valve isnstalled on inlet or outlet of side channel blower .
1.when the working pressure or pressure surge inside the bloweris overload than the rated pressure of side channel blower , the relief valve will be open within 3 second , the overload pressure will be released from relief valve in order to protect the blower .
2.when the working pressure reduces to safe value , the valve will be closed slowly, this will not cause the pressure surge again .
3.The spindle and spring of the pressure relief valve are made of 304 stainless steel material. The manufacturing material for other components is high-quality high-strength aluminum alloy.

尺寸 (Dimensions)







Model	MPaG	A	B	C	D	E	F	G
GV-01	0-300mbar	25	95	21	1-1/4"G	1-1/4"G	146-174	G1 3/4"
GV-02	300-600mbar	25	95	21	1-1/4"G	1-1/4"G	146-174	G1 3/4"

上述提供的性能数据，尺寸及重量参数如有更改，恕不另行通知。公司拥有多项专利和各种材质释压阀，满足各类客户的需求。

Changes in particular the quoted performance curve ,datas and weights without prior notice. The figures are without obligations. The company has multiple patents and various materials of pressure relief valves to meet the needs of various customers.

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