

ESPECIFICACIONES TÉCNICAS VÁLVULA DE ALIVIO



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PUMPOWER®



Side Channel Blower Relief Valve

Application

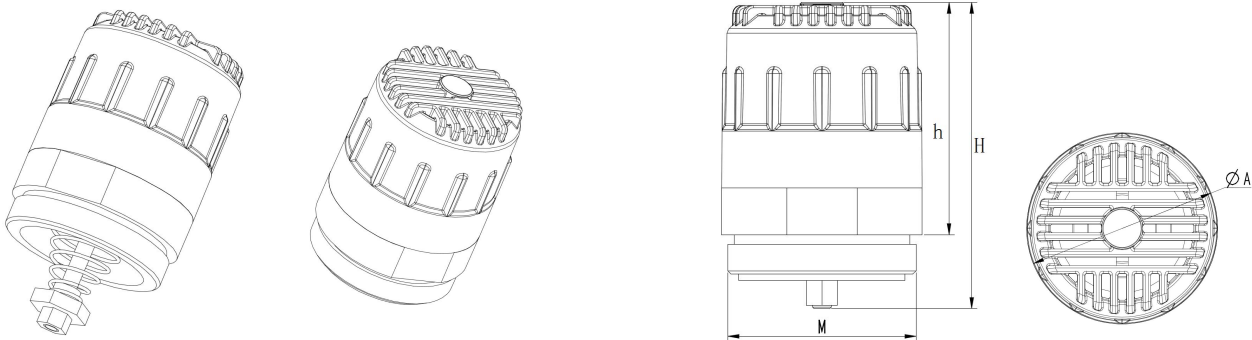
The Relief Valve is constructed of aluminum and is designed to protect blowers from overheating in a blocked-off mode during vacuum or pressure operation. Each valve can be set by the customer to the desired vacuum or pressure level. Commonly used in Regenerative, Positive Displacement Blowers and Vacuum Pumps.

Working Principle

The relief valve is installed on inlet or outlet of side channel blower.

- 1、 when the working pressure or pressure surge inside the blower is overload than the rated pressure of side channel blower, the relief valve will be open within 0.2 minutes, 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 materials and specification of relief valve :
 - a、 Both inside and outside are steel.
 - b、 Can be used both pressure and vacuum.
 - c、 Connect thread suitable for PT, PF and NPT.

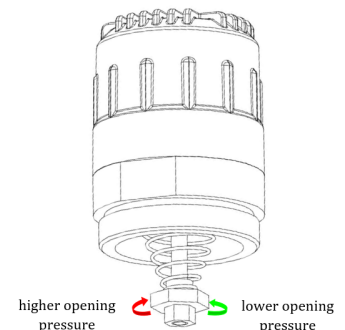
Dimensions



Selection & Data Sheet (mm)

Type	H	h	ØA	M
2BX4 140	98	74	46	G 1 ¼
2BX4 141	98	74	52	G 1 ½
2BX4 142	98	74	64	G 2
2BX4 144	98	74	92	G 3

Pressure max. 600 mBar. The maximum pressure can be increased by changing the spring for a larger caliber.



Changes in particular the quoted datas and weights without prior notice. The figures are without obligations.