



SGX整压阀

SGX Governor

此类整压阀是即使在低压差的情况下也能驱动的,小型大流量整压阀。可适用于家庭,餐饮事业的厨房设备,工业燃烧器等其它特殊压力的燃气设备。

This is a compact governor with large capacity driven by low pressure differential. It is ideal for applications in cookroom equipment for both households and businesses, industrial gas burners and other specialized gas pressure regulating devices.

SGX-15



SGX-10A



SGX-40



■ 弹簧一览表

型 号 Model	SGX-10A					
调压范围kPa Adjusting range	0.25~0.50	0.50~1.00	1.00~1.50	1.50~2.00	2.00~3.00	
型 号 Model	SGX-15, 20, 25, 40, 50					
分 类 Type of product	白	红	蓝	黄	绿	黑
调压范围kPa Adjusting range	0.50~1.50	1.50~3.00	3.00~5.00	5.00~8.00	8.00~13.0	13.0~20.0

■ 规格 Specifications 红色弹簧就表示标准规格整压阀的出口压力。Standard setting of Outlet is 1.50~3.00

型 号 Model	SGX-10A	SGX-15	SGX-20	SGX-25	SGX-40	SGX-50
进 出口 连 接 Connection (inlet / outlet)	Rc3/8	Rc1/2	Rc3/4	Rc1	Rc1 1/2	Rc2
进 口 压 力 Inlet pressure	0.5~10.0kPa	1.0~30.0kPa *Q型为1.0~10.0kPa				
出口压力设定范围 Outlet pressure setting range	0.25~3.0kPa	0.5~20.0kPa				
尺 寸 Spacing	66	85	105	120	180	220

■ 流量表 Capacity table Nm³/h(Air)

型 号 Model	容量系数(K) Capacity coefficient	P1 (kPa)	P2 (kPa)		
			2.0	5.0	10.0
SGX-15	0.70	5.0	12		
		10.0	20	16	
		20.0	30	28	24
SGX-20	1.25	5.0	22		
		10.0	36	29	
		20.0	54	50	42
SGX-25	2.40	5.0	42		
		10.0	69	55	
		20.0	103	96	80

型 号 Model	容量系数(K) Capacity coefficient	P1 (kPa)	P2 (kPa)		
			2.0	5.0	10.0
SGX-40	6.00	5.0	105		
		10.0	172	138	
		20.0	258	239	200
SGX-50	9.70	5.0	171		
		10.0	278	223	
		20.0	418	387	323

流量计算公式 $Q = K_v \sqrt{(101+P_2)(P_1-P_2)}$ 单位: kPa
Formula for calculating the capacity unit: kPa

注意: 此表表示的流量是阀体全开时的数值。要得到稳定的出口压力, 按所示压力的70%以下的流量来选型。

CAUTION: The capacities listed indicate the amount of air flow with the governor's valve fully open. In order to obtain a stable performance, select an air flow that is less than 70% of the value listed in the capacity table.

■ 功能的变更 Variation

按此用途来选择整压阀种类。Choose the model to suit the application

型 号 Model	记号 No.	SGX-10A	SGX-15	SGX-20	SGX-25	SGX-40	SGX-50
闭塞功能有 With lockup function			○	○	○	○	○
闭塞功能无 Without lockup function	A	○	○	○	○	○	○
高 应 答 性 High response type	Q		○	○	○	○	○
调 压 首 轮 With variable handle	H	×	○	○	○	×	×
耐COG高温 COG and high temperature resistant	C	×	○	○	○	○	○

※放散阀及零压阀的情况下, 请参考各自的参照表。

※See respective pages of this catalog for information on the relief valve and zero governor.

● 高应答性的特殊整压阀

可抑制因电磁阀动作等引起的流量急剧变化而造成的2次压力变动, 为高应答性高性能调压器。

This highly responsive governor restrains the fluctuation of the secondary pressure due to rapid changes in the flow rate which occur when the magnetic valve is operated.

● 耐高温焦炉气的特殊整压阀 COG and high-temperature resistant governor

可使用于对铜合金有腐蚀的的焦炉气(COG)等气体或高温气体的场合。

Use this governor for gasses such as coke oven gas (COG) which corrode copper alloys and for gasses of very high temperature (resistance at 100°C)