VSΥ

VSKM VSK



适用于各种配管条件的单体型发生器

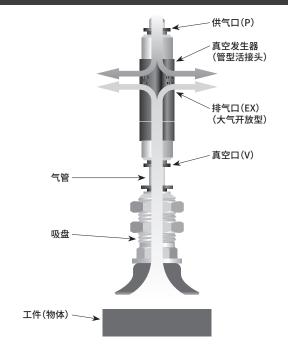
VSH • VSU • VSB • VSC Series

●喷嘴直径:φ0.5、φ0.7、φ1.0、φ1.2、φ1.5、φ2.0 备有不同性能和形状的丰富类型,适用于多种条件。



特点

- ■可将压缩空气变为真空,通过与吸盘组合,可用于工件 (物体)的搬送。
- ■备有不同性能和形状的丰富类型,适用于多种条件。



诵田规格

7137901H	
项 目	VSH • VSU • VSB • VSC
使用流体	空气
使用压力 MPa	0.15~0.7
环境温度·流体温度 °C	0~60

方型·装载真空用压力开关型(VSB)·机械式真空用压力开关规格

项 目		机械式真空用压力开关
压力检测方法		膜片-微型开关
使用流体		空气
使用温度	°C	0~60(但是,不得冻结)
电容		3A 250V
设定压力	kPa	-66~-20
重复精度	kPa	±5
响应差	kPa	22以下
出厂设定压力	kPa	约-50

VSH • VSU • VSB • VSC Series 型号表示方法

型号表示方法 ※关于型号的组合,请参阅外形尺寸图第20页~第30页的型号栏。

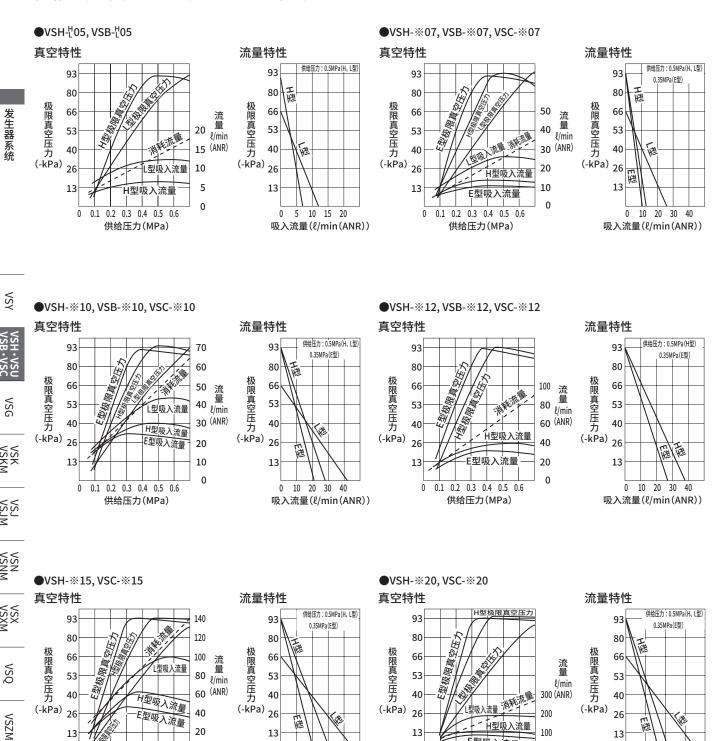
	符号 内容
形状	H 电磁阀直接安装型
	U 管型
	C 吸盘直接安装型
	B 方型
	B 真空特性
③ 真空特性	H 高真空・中流量型
	L 中真空・大流量型
	E 高真空・小流量型
●喷嘴直径	05 φ0.5
	07 φ0.7
	10 \(\phi\)1.0
	12 φ1.2
	15 φ1.5
	20 φ2.0
	D 真空口(V)
● 真空口 (V)	4 φ4快插接头
	6 φ6快插接头
	8 φ8快插接头
	10 φ10快插接头
	12 φ12快插接头
	M5 M5×0.5
	6A R1/8
	8A R1/4
	10A R3/8
	⑤ 供气口(P)
③ 供气口(P)	4 φ4快插接头
	6 φ6快插接头
	6L φ6快插接头弯管
	8 φ8快插接头
	8L φ8快插接头弯管
	10 φ10快插接头
	10L φ10快插接头弯管
	12 φ12快插接头
	M5 M5×0.5
	6A R1/8
	8A R1/4
الم المعدا سية 🗪	■ 新増功能
⑤ 新增功能	S 带消音器大气开放(VSH、VSU、VSC)
	J 集中排气(VSH、VSU、VSC)
	V 带机械式真空用压力开关(VSB)

CKD

VSH·VSU·VSB·VSC Series

真空特性、流量特性

供给压力一极限真空压力、吸入流量、耗气量



+ H型吸入流量

E型吸入流量

0.1 0.2 0.3 0.4 0.5 0.6

供给压力(MPa)

13

0

100

0

50 100 150

吸入流量(l/min(ANR))

13

0

0.1 0.2 0.3 0.4 0.5 0.6

供给压力(MPa)

20

13

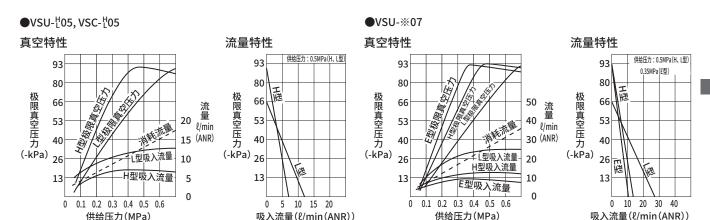
20 40 60 80

吸入流量(l/min(ANR))

真空特性

供给压力一极限真空压力、吸入流量、耗气量

真空特性、流量特性

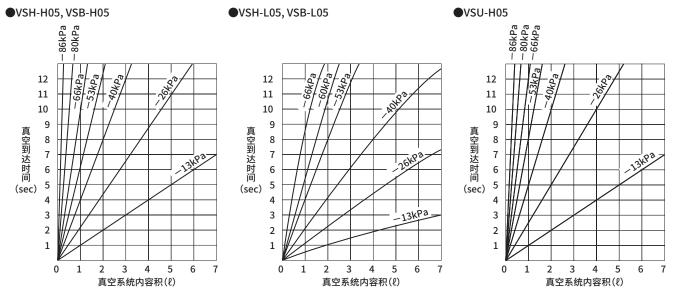


- 1.上述特性中的供给压力为真空发生时的值。
- 2.在上述特性的极限真空压力即将达到峰值时的供给压力下,可能会产生异响(扑哧扑哧声)。此异响产生的状态下,特性不稳定,噪音也会变大。 并可能会对传感器等产生影响,从而引发故障,因此请重新设定供给压力。
 - (ex1. H型真空发生器在气源压力0.5MPa状态下动作时,压力降会导致供给压力降至0.43MPa,并发出异响。→真空发生器动作时将供给压力重新设定为0.5MPa。)
- 3.配管或元件选型时,请以喷嘴直径截面积3倍的有效截面积为大致标准。未确保充分的供给空气流量时,将无法充分发挥真空特性。 (在设定压力下也会发出扑哧扑哧声。吸入流量不足、未到达极限真空压力等)
 - (ex2. H型真空发生器在真空发生器动作时压力为0.5MPa,但会发出异响。→供给空气流量不足。(配管阻力等导致靠近真空发生器侧的供给空气流量变小,将无法获得符合特性的供给空气流量。→选择可确保必要有效截面积的配管和元件。))
 - (ex3. 使用喷嘴直径1.0mm的真空发生器时,截面积 $0.5^2 \times \pi = 0.785$ mm $^2 \times 3 = 2.35$ mm 2 ,因此选择可确保2.3mm 2 以上有效截面积的配管和元件。

真空特性

(参考)真空到达时间(供给压力 H型:0.5MPa、L型:0.5MPa、E型:0.3~0.5MPa)

※数值会根据真空系统的配管形状等而发生变化,因此请作为大致标准使用。



YSY

VSH·VSU·VSB·VSC Series

真空系统内容积(ℓ)

 真空系统内容积(ℓ)

 真空系统内容积(ℓ)

发生器系统

YSY

VSG

VSQ

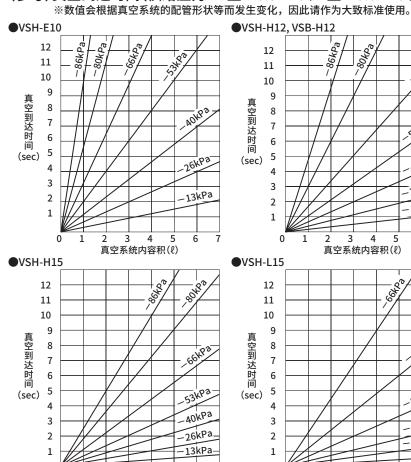
VSZM

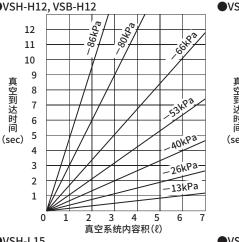
VSH·VSU·VSB·VSC Series

真空特性•内部结构及部件一览表

真空特性

(参考)真空到达时间(供给压力 H型:0.5MPa、L型:0.5MPa、E型:0.3~0.5MPa)

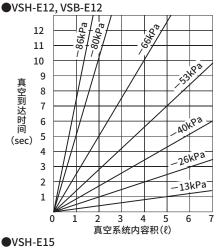


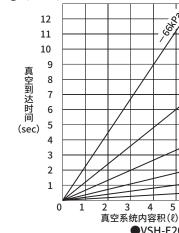


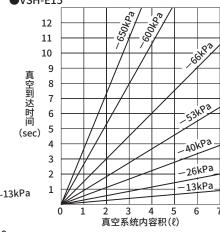
_53KPa

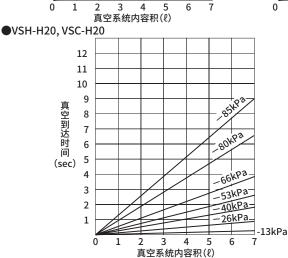
_40kPa

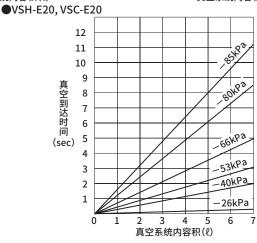
-26kPa



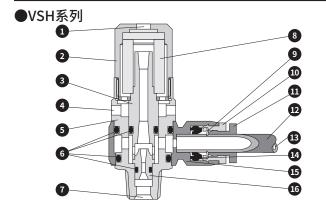








内部结构及部件一览表



编号	部件名称	材 质	备 注
1	排气口(EX)		
2	盖	铝	
3	发生器	黄铜	无电解镀镍
4	排气口(EX)		
5	金属本体	黄铜	无电解镀镍
6	O形圈	丁腈橡胶	
7	供气口(P)		
8	消音器滤芯	聚乙烯醇缩甲醛	
9	卡爪	不锈钢	
10	导环	黄铜	无电解镀镍
11	卸管压环	聚缩醛	
12	气管		
13	真空口(V)		
14	弹性体导套	丁腈橡胶	
15	树脂本体	聚对苯二甲酸丁二醇酯	
16	喷嘴	黄铜	无电解镀镍
	•	•	

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ΛSÓ

VSY

VSG

VSX XSV

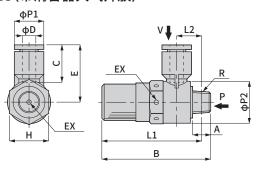
VSQ

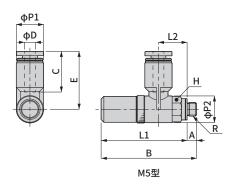
VSZM

VSH Series

外形尺寸图

●VSH-□-□S(带消音器大气开放)





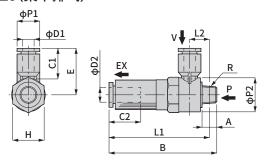
单位:mm

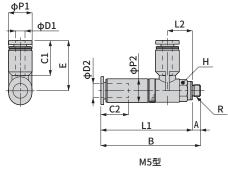
																	<u>⊭∶mm</u>
型号	气管外径 φD	R	Α	В	L1	L2	фР1	фР2	С	E	对边 H	喷嘴直径 (mm)	使用压力 (MPa)	极限真空压力 (-kPa)		耗气量 (l/min(ANR))	重量 (g)
VSH-H 05-4M5S	4	M5×0.8	3	34.5	31.5	10.5	10	9.8	14.9	21.2	8	0.5		90	7	11.5	13
VSH-H 05-66AS												0.5		90	1	11.5	
VSH-H 07-66AS	6					11.4	12.4		17	25.5		0.7			13	23	37
VSH-H 10-66AS		R1/8	8	48	44	11.4	12.4	18.4	11	25.5	17	1			28	46	31
VSH-H 12-66AS		K1/O	0	40	44			10.4] 11	1.2			38	70	
VSH-H 10-86AS						12.4				28.4		1	0.5		28	46	38
VSH-H 12-86AS	8					12.4	14.5		18.1	20.4		1.2		93	38	70	
VSH-H 15-88AS				71.5	65.5	13.5		22		28.9	22	1.5			63	100	77
VSH-H 15-108AS	10	R1/4	11	11.5	03.3	14.8	17.6		20.2	31.2		1.5			03	100	80
VSH-H 20-108AS	10	K1/4	11	99.6	93.5	15.1	17.0	28	20.2	33.6	24	2.0			104	200	116
VSH-H 20-128AS	12			99.0	33.3	16.8	21	20	23.4	36.4	24	2.0			104	200	110
VSH-L 05-4M5S	4	M5×0.8	3	34.5	31.5	10.5	10	9.8	14.9	21.2	8	0.5			12	11.5	13
VSH-L 05-66AS												0.5			12	11.5	37
VSH-L 07-66AS	6					11.4	12.4		17	25.5		0.7			26	23	31
VSH-L 10-66AS		R1/8	8	48	44			18.4			17	1			42	46	36
VSH-L 07-86AS						12.4				28.4		0.7			26	23	39
VSH-L 10-86AS	8					12.4	14.5		18.1	20.4		1	0.5	66	42	46	38
VSH-L 15-88AS						13.5				28.9							75
VSH-L 15-108AS	10			71.5	65.5	14.8	17.6	22	20.2	31.2	22	1.5			95	100	78
VSH-L 15-128AS	12	R1/4	11			16.5	21		23.4	36.9							82
VSH-L 20-108AS	10			99.6	93.5	15.1	17.6	28	20.2	33.6	24	2.0			174	200	116
VSH-L 20-128AS	12			99.0	93.3	16.8	21	20	23.4	36.4	24	2.0			114	200	110
VSH-E 07-66AS												0.7			10.5	17	
VSH-E 10-66AS	6					11.4	12.4		17	25.5		1			21	34	37
VSH-E 12-66AS]	R1/8	8	48	44			18.4			17	1.2			27	47	
VSH-E 10-86AS						12.4				28.4		1			21	34	39
VSH-E 12-86AS	8					12.4	14.5		18.1	20.4		1.2	0.35	92	27	47	38
VSH-E 15-88AS]			71.5	65.5	13.5]	22		28.9	22	1.5			42	70	78
VSH-E 15-108AS	10	D1/4	11		05.5	14.8	22	20.2		_ 22 1	2 1.5		42	70	80		
VSH-E 20-108AS	10	R1/4	11	00.6	93.5	15.1	17.6	28	20.2	33.6	24	2.0]		82	150	116
VSH-E 20-128AS	12			99.6	93.5	16.8	21	20	23.4	36.4	24	2.0			02	150	116

注:锥管螺纹型的L1、L2尺寸为螺钉紧固后的参考尺寸。

外形尺寸图

●VSH-□-□J(集中排气)





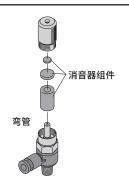
畄位・mm

																		单位	ī: mm
型 号	气管外径 ΦD1	气管外径 ΦD2	R	A	В	L1	L2	фР1	фР2	C1	C2	Е	对边 H	喷嘴直径 (mm)	使用压力 (MPa)	极限真空压力 (-kPa)	吸入流量 ((min(ANR))	耗气量 (!min(ANR))	重量 (g)
VSH-H 05-4M5J	4	6	M5×0.8	3	41.8	38.8	10.5	10	10	14.9	11.9	21.2	8				_		18
VSH-H 05-66AJ														0.5		90	7	11.5	45
VSH-H 07-66AJ	1 .													0.7			13	23	46
VSH-H 10-66AJ	6		/-				11.4	12.4		17		25.5		1	1		28	46	45
VSH-H 12-66AJ	1	8	R1/8	8	58.4	54.4			18.4		18.2		17	1.2	1		38	70	44
VSH-H 10-86AJ		1					10.4					20.4	1	1	0.5		28	46	46
VSH-H 12-86AJ	8						12.4	14.5		18.1		28.4		1.2	1	93	38	70	46
VSH-H 15-88AJ	1				76.0	70.0	13.5	1	22	1		28.9	22	1.5]		-	100	92
VSH-H 15-108AJ	10	1,,	D1/4	11	76.9	70.9	14.8	17.0	22	20.2	22.2	31.2	22	1.5			63	100	95
VSH-H 20-108AJ	10	12	R1/4	11	00.4	02.2	15.1	17.6	20	20.2	23.3	33.6	24	2.0]		104	200	120
VSH-H 20-128AJ	12]			89.4	83.3	16.8	21	28	23.4		36.4	24	2.0			104	200	128
VSH-L 05-4M5J	4	6	M5×0.8	3	41.8	38.8	10.5	10	10	14.9	11.9	21.2	8	0.5			12	11.5	18
VSH-L 05-66AJ														0.5			12	11.5	45
VSH-L 07-66AJ	6						11.4	12.4		17		25.5		0.7			26	23	45
VSH-L 10-66AJ		8	R1/8	8	58.4	54.4			18.4		18.2		17	1			42	46	44
VSH-L 07-86AJ							12.4					28.4		0.7			26	23	46
VSH-L 10-86AJ	8						12.4	14.5		18.1		20.4		1	0.5	66	42	46	45
VSH-L 15-88AJ							13.5					28.9							90
VSH-L 15-108AJ	10				76.9	70.9	14.8	17.6	22	20.2		31.2	22	1.5			95	100	93
VSH-L 15-128AJ	12	12	R1/4	11			16.5	21		23.4	23.3	36.9							97
VSH-L 20-108AJ	10				89.4	83.3	15.1	17.6	28	20.2		33.6	24	2.0			174	200	128
VSH-L 20-128AJ	12				09.4	03.3	16.8	21	20	23.4		36.4	24	2.0			174	200	120
VSH-E 07-66AJ														0.7			10.5	17	
VSH-E 10-66AJ	6						11.4	12.4		17		25.5		1			21	34	45
VSH-E 12-66AJ		8	R1/8	8	58.4	54.4			18.4		18.2		17	1.2			27	47	
VSH-E 10-86AJ							12.4					28.4		1			21	34	47
VSH-E 12-86AJ	8						12.7	14.5		18.1		20.7		1.2	0.35	92	27	47	46
VSH-E 15-88AJ					76.9	70.9	13.5		22			28.9	22	1.5			42	70	92
VSH-E 15-108AJ	10	12	R1/4	11	10.9	10.9	14.8	17.6		20.2	23.3	31.2		1.5			72	10	96
VSH-E 20-108AJ	10		11.74	11	89.4	83.3	15.1	11.0	28	20.2	23.3	33.6	24	2.0			82	150	128
VSH-E 20-128AJ	12				05.4	05.5	16.8	21	20	23.4		36.4	-	2.0			02	130	120

注:锥管螺纹型的L1、L2尺寸为螺钉紧固后的参考尺寸。

保养部件型号

●消音器组件

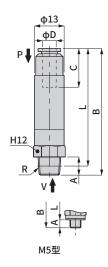


消音器组件型号	真空发生器型号
VSH-M5-SK	VSH-□□-□M5S
VSH-6A-SK	VSH-□□-□6AS
VSH-8A-SK	VSH-□□-□8AS

注: VSH-□20-□□□使用VSC-20-SK(VSC-20用消音器组件)。

●VSU-□-□S(带消音器大气开放)

单位:mm



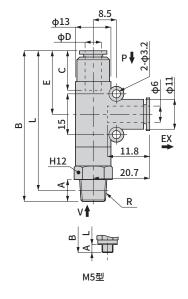
VSU-H 05-M54S 4 M5×0.8 3 50.3 47.3 10.9 51.3 48.3 11.7 20 VSU-H 05-6A4S 4 R1/8 8 54.3 50.3 10.9 55.3 51.3 11.7 20 VSU-H 05-6A6S 6 R1/8 8 54.3 50.3 10.9 55.3 51.3 11.7 20 VSU-H 07-M56S 6 M5×0.8 3 57.1 54.1 10.9 57.8 54.8 11.7 20 12.5 23 18 VSU-H 07-M56S 6 R1/8 8 61.1 57.1 10.9 0.7 92 12.5 23 18 VSU-L 07-GA4S 4 M5×0.8 3 50.3 47.3 10.9 0.5 12 11.5 11.5 11.5 17 VSU-L 05-GA6S 6 R1/8 8 54.3 50.3 10.9 0.5 66 11.5 17 20 VSU-L 07-M54S 4	型 号	气管外径 φ D	R	Α	В	L	С	喷嘴直径 (mm)		吸入流量 (Umin(ANR))	耗气量 (@min(ANR))	重量 (g)	
VSU-H 05-M56S 6 M 51.3 48.3 11.7 0.5 90 7 11.5 17 VSU-H 05-6A4S 4 R1/8 8 54.3 50.3 10.9 0.5 90 7 11.5 17 VSU-H 05-6A6S 6 6 M5×0.8 3 57.1 54.1 10.9 0.7 92 12.5 23 19 VSU-H 07-M56S 6 M5×0.8 3 61.1 57.1 10.9 0.7 92 12.5 23 18 VSU-L 07-M54S 4 M5×0.8 3 50.3 47.3 10.9 0.5 12 11.5 17 VSU-L 05-M56S 6 M5×0.8 3 50.3 47.3 10.9 0.5 12 11.5 17 VSU-L 05-M56S 6 M5×0.8 3 57.1 54.1 10.9 0.5 12 11.5 17 VSU-L 07-M56S 6 M5×0.8 3 57.1 54.1	VSU-H 05-M54S		MEVAA		50.3	47.3	10.9						
VSU-H 05-6A4S 4 R1/8 8 54.3 50.3 10.9 20 VSU-H 05-6A6S 6 R1/8 8 54.3 50.3 10.9 20 VSU-H 07-M54S 4 M5×0.8 3 57.1 54.1 10.9 19 18 VSU-H 07-M56S 6 R1/8 8 61.1 57.1 10.9 0.7 92 12.5 23 18 VSU-H 07-M56S 6 R1/8 8 61.1 57.1 10.9 0.7 92 12.5 23 18 VSU-L 05-M54S 4 M5×0.8 3 50.3 47.3 10.9 0.5 12 11.5 17 VSU-L 05-M56S 6 M5×0.8 3 57.1 54.1 10.9 0.5 66 12 11.5 17 VSU-L 05-GA4S 4 M5×0.8 3 57.1 54.1 10.9 0.7 66 20 23 19 VSU-L 07-GA4S 4 </td <td>VSU-H 05-M56S</td> <td>6</td> <td>M5×0.8</td> <td>3</td> <td>51.3</td> <td>48.3</td> <td>11.7</td> <td>0.5</td> <td>00</td> <td>7</td> <td>11.5</td> <td>17</td>	VSU-H 05-M56S	6	M5×0.8	3	51.3	48.3	11.7	0.5	00	7	11.5	17	
VSU-H 05-6A6S 6 M5×0.8 3 55.3 51.3 11.7 92 12.5 23 19 VSU-H 07-M56S 6 M5×0.8 3 57.1 54.1 10.9 0.7 92 12.5 23 18 VSU-H 07-GA4S 4 R1/8 8 61.1 57.1 10.9 0.7 92 12.5 23 18 VSU-L 05-GA4S 4 M5×0.8 3 50.3 47.3 10.9 0.5 12 11.5 18 VSU-L 05-M56S 6 M5×0.8 3 50.3 47.3 10.9 0.5 12 11.5 17 VSU-L 05-GA4S 4 R1/8 8 54.3 50.3 10.9 0.5 66 12 11.5 17 VSU-L 07-M56S 6 M5×0.8 3 57.1 54.1 10.9 0.7 20 23 18 VSU-E 07-M54S 4 M5×0.8 3 57.1 54.1 10.9 </td <td>VSU-H 05-6A4S</td> <td>4</td> <td>D1 /0</td> <td>0</td> <td>54.3</td> <td>50.3</td> <td>10.9</td> <td>0.5</td> <td>90</td> <td>1</td> <td>11.5</td> <td>20</td>	VSU-H 05-6A4S	4	D1 /0	0	54.3	50.3	10.9	0.5	90	1	11.5	20	
VSU-H 07-M56S 6 M5×0.8 3 57.8 54.8 11.7 0.7 92 12.5 23 18 VSU-H 07-GA4S 4 R1/8 8 61.1 57.1 10.9 0.7 92 12.5 23 18 VSU-H 07-GA6S 6 R1/8 8 50.3 47.3 10.9 0.5 12 11.5 18 VSU-L 05-M56S 6 M5×0.8 3 50.3 47.3 10.9 0.5 12 11.5 17 VSU-L 05-GA4S 4 R1/8 8 54.3 50.3 10.9 0.5 66 12 11.5 17 VSU-L 07-GA6S 6 M5×0.8 3 57.1 54.1 10.9 0.7 20 23 18 VSU-E 07-M56S 6 M5×0.8 3 57.1 54.1 10.9 0.7 90 10 17 22 VSU-E 07-M56S 6 M5×0.8 3 57.8 54.8	VSU-H 05-6A6S	6	KI/O	0	55.3	51.3	11.7					20	
VSU-H 07-M56S 6 M 57.8 54.8 11.7 0.7 92 12.5 23 18 VSU-H 07-6A4S 4 R1/8 8 61.1 57.1 10.9 0.7 92 12.5 23 18 VSU-H 07-6A6S 6 R1/8 8 50.3 47.3 10.9 0.5 12 11.5 18 VSU-L 05-M56S 6 M5×0.8 3 51.3 48.3 11.7 0.5 12 11.5 17 VSU-L 05-6A6S 6 R1/8 8 54.3 50.3 10.9 0.5 66 11.5 11.5 17 20 20 20 20 20 20 20 20 23 18 21 18 21 11.5 17 20 20 20 20 20 20 23 22 23 18 21 21 22 21 22 23 21 22 22 23 21<	VSU-H 07-M54S	4	ME ^ U O	2	57.1	54.1	10.9					19	
VSU-H 07-6A4S 4 R1/8 8 61.1 57.1 10.9 21 VSU-H 07-6A6S 6 R1/8 8 61.1 57.1 10.9 21 VSU-L 05-M54S 4 M5×0.8 3 50.3 47.3 10.9 3 12 11.5 VSU-L 05-M56S 6 R1/8 8 54.3 50.3 10.9 0.5 12 11.5 17 VSU-L 05-6A4S 4 R1/8 8 54.3 50.3 10.9 0.5 66 12 11.5 17 VSU-L 07-M54S 4 M5×0.8 3 57.1 54.1 10.9 0.7 20 23 21 VSU-L 07-GA4S 4 R1/8 8 61.1 57.1 10.9 0.7 90 10 17 22 VSU-E 07-M56S 6 M5×0.8 3 57.1 54.1 10.9 0.7 90 10 17 22 VSU-E 07-M56S 6	VSU-H 07-M56S	6	INIO V U.O	3	57.8	54.8	11.7	0.7	02	12.5	22	18	
VSU-H 07-6A6S 6 A/S 61.8 57.8 11.7 VSU-L 05-M54S 4 M5×0.8 3 50.3 47.3 10.9 VSU-L 05-M56S 6 M5×0.8 3 51.3 48.3 11.7 VSU-L 05-6A4S 4 R1/8 8 54.3 50.3 10.9 VSU-L 05-6A6S 6 M5×0.8 3 57.1 54.1 10.9 VSU-L 07-M56S 6 M5×0.8 3 57.1 54.1 10.9 VSU-L 07-6A4S 4 R1/8 8 61.1 57.1 10.9 VSU-E 07-M56S 6 M5×0.8 3 57.1 54.1 10.9 VSU-E 07-M56S 6 M5×0.8 3 57.1 54.1 10.9 VSU-E 07-M56S 6 M5×0.8 3 57.8 54.8 11.7 VSU-E 07-M56S 6 M5×0.8 3 57.8 54.8 11.7 VSU-E 07-GA4S 4 R1/8 8	VSU-H 07-6A4S	4	D1 /0	0	61.1	57.1	10.9	0.1	32	12.5	23	21	
VSU-L 05-M56S 6 M5×0.8 3 51.3 48.3 11.7 0.5 12 11.5 17 VSU-L 05-6A4S 4 R1/8 8 54.3 50.3 10.9 55.3 51.3 11.7 20 VSU-L 07-M54S 4 M5×0.8 3 57.1 54.1 10.9 57.8 54.8 11.7 0.7 20 23 18 VSU-L 07-6A4S 4 R1/8 8 61.1 57.1 10.9 0.7 22 23 21 VSU-E 07-M54S 4 M5×0.8 3 57.1 54.1 10.9 0.7 90 10 17 22 VSU-E 07-M56S 6 M5×0.8 3 57.1 54.1 10.9 0.7 90 10 17 22	VSU-H 07-6A6S	6	K1/O	0	61.8	57.8	11.7					21	
VSU-L 05-M56S 6 M 51.3 48.3 11.7 0.5 12 11.5 17 VSU-L 05-6A4S 4 R1/8 8 54.3 50.3 10.9 0.5 66 12 11.5 17 20 VSU-L 07-M54S 4 M5×0.8 3 57.1 54.1 10.9 0.7 66 20 20 23 18 VSU-L 07-M56S 6 R1/8 8 61.1 57.1 10.9 0.7 22 23 21 VSU-E 07-M54S 4 M5×0.8 3 57.1 54.1 10.9 0.7 90 10 17 22 VSU-E 07-M56S 6 M5×0.8 3 57.1 54.1 10.9 0.7 90 10 17 22	VSU-L 05-M54S	4	ME ~ U O	2	50.3	47.3	10.9					18	
VSU-L 05-6A4S 4 R1/8 8 54.3 50.3 10.9 VSU-L 05-6A6S 6 R1/8 8 55.3 51.3 11.7 VSU-L 07-M54S 4 M5×0.8 3 57.1 54.1 10.9 VSU-L 07-M56S 6 R1/8 8 61.1 57.1 10.9 VSU-L 07-6A6S 6 R1/8 8 61.1 57.1 10.9 VSU-E 07-M54S 4 M5×0.8 3 57.1 54.1 10.9 VSU-E 07-M56S 6 M5×0.8 3 57.8 54.8 11.7 VSU-E 07-6A4S 4 R1/8 8 61.1 57.1 10.9 VSU-E 07-6A4S 4 R1/8 8 61.1 57.1 10.9	VSU-L 05-M56S	6	INIO V 0.0	3	51.3	48.3	11.7	0.5		12	11.5	17	
VSU-L 05-6A6S 6 M5 × 0.8 55.3 51.3 11.7 66 20 19 VSU-L 07-M56S 6 M5×0.8 3 57.1 54.1 10.9 20 23 18 VSU-L 07-M56S 6 R1/8 8 61.1 57.1 10.9 22 22 21 VSU-E 07-M54S 4 M5×0.8 3 57.1 54.1 10.9 22 22 19 VSU-E 07-M56S 6 M5×0.8 3 57.1 54.1 10.9 0.7 90 10 17 22 VSU-E 07-GA4S 4 R1/8 8 61.1 57.1 10.9 0.7 90 10 17 22	VSU-L 05-6A4S	4	D1 /0	0	54.3	50.3	10.9	0.5		12	11.5	20	
VSU-L 07-M54S 4 M5×0.8 3 57.1 54.1 10.9 VSU-L 07-M56S 6 M5×0.8 3 57.1 54.1 10.9 VSU-L 07-6A4S 4 R1/8 8 61.1 57.1 10.9 VSU-E 07-M54S 4 M5×0.8 3 57.1 54.1 10.9 VSU-E 07-M56S 6 M5×0.8 3 57.1 54.1 10.9 VSU-E 07-M56S 6 M5×0.8 3 57.8 54.8 11.7 VSU-E 07-6A4S 4 R1/8 8 61.1 57.1 10.9 VSU-E 07-6A4S 4 R1/8 8 61.1 57.1 10.9	VSU-L 05-6A6S	6	K1/O	0	55.3	51.3	11.7		66			20	
VSU-L 07-M56S 6 VSU-L 07-6A4S 4 VSU-L 07-6A6S 6 R1/8 8 61.1 57.1 10.9 VSU-E 07-M56S 6 M5×0.8 3 57.8 54.8 11.7 VSU-E 07-M56S 6 M5×0.8 3 57.8 54.8 11.7 VSU-E 07-M56S 6 M5×0.8 3 61.1 57.1 10.7 90 10 17 22	VSU-L 07-M54S	4	ME ~ U O	2	57.1	54.1	10.9		00	20		19	
VSU-L 07-6A4S 4 R1/8 8 61.1 57.1 10.9 VSU-L 07-6A6S 6 6 61.8 57.8 11.7 VSU-E 07-M56S 6 M5×0.8 3 57.1 54.1 10.9 VSU-E 07-M56S 6 M5×0.8 57.8 54.8 11.7 VSU-E 07-6A4S 4 R1/8 8 61.1 57.1 10.9 0.7 90 10 17 22	VSU-L 07-M56S	6	INIO V 0.0	3	57.8	54.8	11.7	0.7		20	22	18	
VSU-E 07-M56S 6 M5×0.8 3 57.8 51.1 11.7 VSU-E 07-M56S 6 M5×0.8 3 57.1 54.1 10.9 VSU-E 07-M56S 6 M5×0.8 3 57.8 54.8 11.7 VSU-E 07-GA4S 4 R1/8 8 61.1 57.1 10.9	VSU-L 07-6A4S	4	D1 /0	0	61.1	57.1	10.9	0.1		22	23	21	
VSU-E 07-M56S 6 M5×0.8 3 57.8 54.8 11.7 0.7 90 10 17 22	VSU-L 07-6A6S	6	K1/O	0	61.8	57.8	11.7			22		21	
VSU-E 07-M56S 6 57.8 54.8 11.7 0.7 90 10 17 22	VSU-E 07-M54S	4	ME ^ U O	2	57.1	54.1	10.9					10	
VSU-E 07-6A4S 4 R1/8 8 61.1 57.1 10.9 22	VSU-E 07-M56S	6	INIO V U.O	3	57.8	54.8	11.7	0.7	00	10	17	19	
VCI F 07 CACC C C NT/O O C1 0 F7 0 11 7	VSU-E 07-6A4S	4	D1/9	Q	61.1	57.1	10.9	0.1	90	90 1	10	17	22
VSU-E 07-6A6S 6 61.8 57.8 11.7 21	VSU-E 07-6A6S	6	KT/Q	0	61.8	57.8	11.7					21	

注1: 锥管螺纹型的L尺寸为螺钉紧固后的参考尺寸。

注2: M5螺钉的六角对边部带滚花。此外,H12为6A(R1/8)螺钉时。

●VSU-□-□J(集中排气)

单位: mm



											単位	i: mm
型 믁	气管外径 Ф D	R	A	В	L	С	E	喷嘴直径 (mm)	极限真空压力 (-kPa)	吸入流量 (l/min(ANR))	耗气量 ({ min(ANR))	重量 (g)
VSU-H 05-M54J	4	M5×0.8	3	50.3	47.3	11.2	22.3					20
VSU-H 05-M56J	6	MJ×U.8	3	51.3	48.3	11.9	23.3	0.5	90	7	11.5	20
VSU-H 05-6A4J	4	D1/0	8	54.3	50.3	11.2	22.3	0.5	90	'	11.5	23
VSU-H 05-6A6J	6	R1/8	0	55.3	51.3	11.9	23.3					22
VSU-H 07-M54J	4	M5×0.8	3	57.1	54.1	11.2	29.1					21
VSU-H 07-M56J	6	MJ ~ U.O	3	57.8	54.8	11.9	29.8	0.7	92	12.5	23	21
VSU-H 07-6A4J	4	D1 /0	8	61.1	57.1	11.2	29.1	0.7	92	12.5	23	24
VSU-H 07-6A6J	6	R1/8	0	61.8	57.8	11.9	29.8					23
VSU-L 05-M54J	4	M5×0.8	3	50.3	47.3	11.2	22.3					20
VSU-L 05-M56J	6	M3~U.0	3	51.3	48.3	11.9	23.3	0.5		12	11.5	20
VSU-L 05-6A4J	4	R1/8	8	54.3	50.3	11.2	22.3	0.5		12	11.5	22
VSU-L 05-6A6J	6	KI/O	0	55.3	51.3	11.9	23.3		66			22
VSU-L 07-M54J	4	M5×0.8	3	57.1	54.1	11.2	29.1		00	20		20
VSU-L 07-M56J	6	MJ ∧ U.O	3	57.8	54.8	11.9	29.8	0.7		20	23	20
VSU-L 07-6A4J	4	D1 /0	8	61.1	57.1	11.2	29.1	0.7		22	23	23
VSU-L 07-6A6J	6	R1/8	0	61.8	57.8	11.9	29.8			22		23
VSU-E 07-M54J	4	M5×0.8	3	57.1	54.1	11.2	29.1					22
VSU-E 07-M56J	6	0.U ∧ CIVI		57.8	54.8	11.9	29.8	0.7 90	90	10	17	21
VSU-E 07-6A4J	4	R1/8	8	61.1	57.1	11.2	29.1		90 10	11	24	
VSU-E 07-6A6J	6	K1/0	0	61.8	57.8	11.9	29.8					23

注1: 锥管螺纹型的L尺寸为螺钉紧固后的参考尺寸。

注2: M5螺钉的六角对边部带滚花。此外,H12为6A(R1/8)螺钉时。

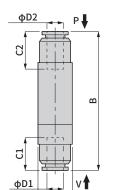
VSZM

单位:mm

VSG

外形尺寸图

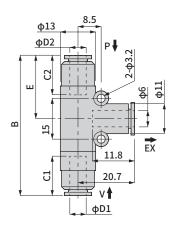
●VSU-□-□S(活接头、带消音器大气开放)



φ13

型 묵	气管外径 φD1	气管外径 φD2	В	C1	C2	喷嘴直径 (mm)	极限真空压力 (-kPa)	吸入流量 ({/min(ANR))	耗气量 ({/min(ANR))	重量 (g)
VSU-H 05-44S	4	4	49.9	11.2	11.2					19
VSU-H 05-46S	4	6	50.9	11.2	11.9	0.5	90	7	11.5	
VSU-H 05-64S	6	4	50.6	11.9	11.2	0.5	30	'	11.5	18
VSU-H 05-66S	0	6	51.6	11.9	11.9					10
VSU-H 07-44S	4	4	56.7	11.2	11.2					20
VSU-H 07-46S	4	6	57.4	11.2	11.9	0.7	92	12.5	23	20
VSU-H 07-64S	6	4	57.4	11.9	11.2	0.7	92	12.5	23	19
VSU-H 07-66S		6	58.1	11.9	11.9					19
VSU-L 05-44S	4	4	49.9	11.2	11.2					19
VSU-L 05-46S	4	6	50.9	11.2	11.9	0.5		12	11.5	19
VSU-L 05-64S	6	4	50.6	11.9	11.2	0.5		12	11.5	18
VSU-L 05-66S		6	51.6	11.9	11.9		66			10
VSU-L 07-44S	4	4	56.7	11.2	11.2		00	20		20
VSU-L 07-46S	4	6	57.4	11.2	11.9	0.7		20	23	19
VSU-L 07-64S	6	4	51.4	11.9	11.2	0.7		22	23	19
VSU-L 07-66S	6	6	58.1	11.9	11.9			22		18
VSU-E 07-44S	4	4	56.7	11.2	11.2					21
VSU-E 07-46S	4	6	F7.4	11.2	11.9	0.7	00	10	17	20
VSU-E 07-64S	6	4	57.4	11.0	11.2	0.7	90	10	17	10
VSU-E 07-66S	6	6	58.1	11.9	11.9					19

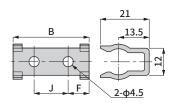
●VSU-□-□J(活接头、集中排气)



										単1	立:mm	
型 号	气管外径 φ D1	气管外径 φD2	В	C1	C2	E	喷嘴直径 (mm)	极限真空压力 (-kPa)	吸入流量 ({/min(ANR))	耗气量 ({ min(ANR))	重量 (g)	
VSU-H 05-44J	4	4	49.9	11.2	11.2	22.3					21	
VSU-H 05-46J	4	6	50.9	11.2	11.9	23.3	0.5	90	7	11.5	21	
VSU-H 05-64J	- 6	4	50.9	11.9	11.2	22.3	0.5	90	'	11.5	20	
VSU-H 05-66J	0	6	51.6	11.9	11.9	23.3]				20	
VSU-H 07-44J	4	4	56.7	11.2	11.2	29.1					23	
VSU-H 07-46J	4	6	57.4	11.2	11.9	29.8	0.7	92	12.5	23	22	
VSU-H 07-64J	- 6	4	31.4	11.9	11.2	29.1	0.7	92	12.5	23	22	
VSU-H 07-66J	0	6	58.1	11.9	11.9	29.8]				21	
VSU-L 05-44J	4	4	49.9	11.2	11.2	22.3					21	
VSU-L 05-46J] 4	6	50.9	11.2	11.9	23.3	0.5		12	11.5	21	
VSU-L 05-64J	- 6	4	50.6	11.9	11.2	22.3	0.5		12	11.5	20	
VSU-L 05-66J		6	51.6	11.9	11.9	23.3		66			20	
VSU-L 07-44J	4	4	56.7	11.2	11.2	29.1		00	20			
VSU-L 07-46J] 4	6	F7.4	11.2	11.9	29.8	0.7		20	22	22	
VSU-L 07-64J	- 6	4	57.4	11.0	11.2	29.1	0.7		22	23		
VSU-L 07-66J	9	6	58.1	11.9	11.9	29.8			22		21	
VSU-E 07-44J		4	56.7	11.2	11.2	29.1					_	
VSU-E 07-46J	4	6	57.4	11.2	11.9	29.8	0.7	00	10	17	22	
VSU-E 07-64J	6	4	31.4	11.9	11.2	29.1	0.7	90 1	10 17	11		
VSU-E 07-66J	0	6	58.1	11.9	11.9	29.8					21	

●VSU固定用支撑件

单位:mm



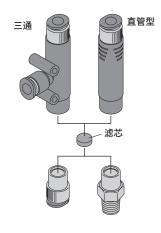
В	F	J	重量 (g)
33.2	9	15	2
39.2	10	20	2
	33.2	33.2 9 39.2 10	33.2 9 15 39.2 10 20

注: VSU-05-B为喷嘴直径0.5mm用,VSU-07-B为喷嘴直径0.7mm用。

保养部件型号

●滤芯

VSU-E



VSH·\

٧S٧

发生器系统

VSG

VSK)

使用注意事项

A

警告

- - ●VSU型请勿对本体施加拉伸方向的负荷。在拉伸负荷的作用下,金属本体可能会脱离树脂本体。
 - ●使用VSU型时,请勿使内压超出发生器所需值。否则,金属本体可能会脱离树脂本体。

VSN NSA

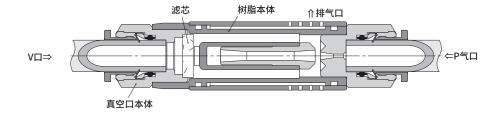
MXSA XSA

VSQ

VSZM

🛕 注意

- ●维护VSU型的滤芯时,若未按照以下结构图将合适的部件组装至正确的位置(树脂本体与真空口本体间无间隙)时,可能会无法满足产品的性能,敬请注意。
 - ●VSU的结构图

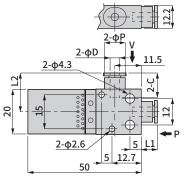


单位: mm

VSΥ

外形尺寸图

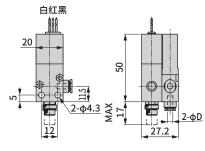
●VSB-□-□(大气开放)



型 号	气管外径 φ D	φР	С	L1	L2	喷嘴直径 (mm)			吸入流量 (l/min(ANR))		重量 (g)
VSB-H 05-44	4	9	11.3	6.9	16.9	0.5	0.5	90	7	11.5	18
VSB-H 07-66						0.7			13	23	19
VSB-H 10-66	6	10.6	11.8	7.2	17.2	1	0.5	93	28	46	19
VSB-H 12-66						1.2			38	70	18
VSB-L 05-44	4	9	11.3	6.9	16.9	0.5			12	11.5	18
VSB-L 07-66	6	10.6	11.8	7.2	17.2	0.7	0.45	66	26	23	19
VSB-L 10-66	0	10.6	11.0	1.2	11.2	1			42	46	18
VSB-E 07-66						0.7			10.5	17	19
VSB-E 10-66	6	10.6	11.8	7.2	17.2	1	0.4	92	21	34	19
VSB-E 12-66						1.2			27	47	18

●VSB-□-□V(带真空开关)

单位: mm



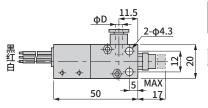
型 号	气管外径 ΦD	喷嘴直径 (mm)	使用压力 (MPa)	极限真空压力 (-kPa)	吸入流量 (l/min(ANR))	耗气量 (l/min(ANR))	重量 (g)
VSB-H 05-44V	4	0.5	0.5	90	7	11.5	47
VSB-H 07-66V		0.7			13	23	46
VSB-H 10-66V	6	1	0.5	93	28	46	47
VSB-H 12-66V		1.2			38	70	48
VSB-L 05-44V	4	0.5			12	11.5	47
VSB-L 07-66V	6	0.7	0.45	66	26	23	48
VSB-L 10-66V	0	1			42	46	47
VSB-E 07-66V		0.7			10.5	17	49
VSB-E 10-66V	6	1	0.4	92	21	34	43
VSB-E 12-66V		1.2			27	47	48

注:导线 白:COMMON 红:N.C.

黑:N.O.

●VSB-VUSM-□ 机械式真空开关单体

单位:mm



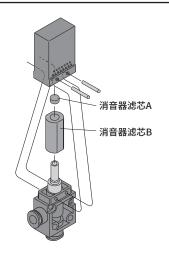
型 号	气管外径 φ D	重量 (g)
VSB-VUSM-4	4	29
VSB-VUSM-6	6	29
注・長线	□ · COMMON	

通用部件

白: COMMON 红:N.C. 长度约300mm (AWG#24) 黑: N.O.

保养部件型号

●消音器滤芯



滤芯A型号	滤芯B型号
VSB-EA	VSB-EB
注: VSB、VSG、VSJ	注:VSB、VSG通用部件

CKD

VSQ

VSY

VSG

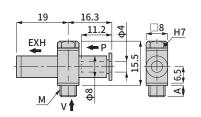
ΛSÓ

VSZM

外形尺寸图

●VSC-□-□S(直管型、带消音器大气开放)

单位:mm



型号	М	А	喷嘴直径	极限真空压力			重量
			(mm)	(-kPa)	(l/min(ANR))	(l/min(ANR))	(g)
VSC-H 05-M54S	M5×0.8	3	0.5	90	7	11.5	15
VSC-L 05-M54S	M5×0.8	3	0.5	66	11	11.5	17

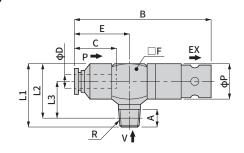
注)本产品在安装本体后无法改变配管方向,敬请注意。

VSQ

VSY

外形尺寸图

●VSC-□-□S(带消音器大气开放)



单位:mm

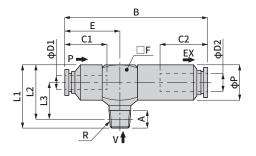
					1					1						<u> </u>
型 号	气管外径 φD	R	Α	L1	L2	L3	φР	В	E	С	□F	喷嘴直径 (mm)	极限真空压力 (-kPa)	吸入流量 (l/min(ANR))	耗气量 ({/min(ANR))	重量 (g)
VSC-H 07-6A6S	6							62.5	24.5	17		0.7		13	22	
VSC-H 07-6A8S	8							65.2	27.2	18.2		0.7		13	23	
VSC-H 10-6A6S	6	R1/8		28	24	16	16	62.5	24.5	17	16	1		28	46	32
VSC-H 10-6A8S	8	KI/O	8	20	24	16	10	65.2	27.2	18.2	10	1		20	46	32
VSC-H 12-6A6S	6							62.5	24.5	17		1.2	93	38	70	
VSC-H 12-6A8S	8							65.2	27.2	18.2		1.2	93	30	10	
VSC-H 15-8A8S	- 8	R1/4	11		33	21		104.2	29.2	18.2						87
VSC-H 15-10A8S] °	R3/8	12		32.7	20.7		104.2	29.2	10.2		1.5		63	100	88
VSC-H 15-8A10S	10	R1/4	11		33	21		105.9	30.9	20.7		1.5		03	100	00
VSC-H 15-10A10S] 10	R3/8	12	39	32.7	20.7	24	105.9	30.9	20.7	22					89
VSC-H 20-8A8S		R1/4	11	39	33	21	24	1042	29.2	10.2	22					91
VSC-H 20-10A8S	- 8	R3/8	12		32.7	20.7		104.2	29.2	18.2		2	93	110	200	92
VSC-H 20-8A10S	10	R1/4	11		33	21		105.0	30.9	20.7		2	93	110	200	93
VSC-H 20-10A10S	10	R3/8	12		32.7	20.7		105.9	30.9	20.7						94
VSC-L 07-6A6S	6							62.5	24.5	17		0.7		26	22	
VSC-L 07-6A8S	8	D1 /0		20	24	1.6	1.0	65.2	27.2	18.2	1.0	0.7		26	23	22
VSC-L 10-6A6S	6	R1/8	8	28	24	16	16	62.5	24.5	17	16	,		42	4.5	32
VSC-L 10-6A8S	8							65.2	27.2	18.2		1		42	46	
VSC-L 15-8A8S		R1/4	11		33	21		104.2	20.2	10.2						85
VSC-L 15-10A8S	- 8	R3/8	12		32.7	20.7	0.7	104.2	29.2	18.2		1.5		0.5	100	86
VSC-L 15-8A10S	10	R1/4	11		33	21		105.0	20.0	20.7		1.5	66	95	100	87
VSC-L 15-10A10S	10	R3/8	12	20	32.7	20.7	24	105.9	30.9	20.7	22					88
VSC-L 20-8A8S		R1/4	11	39	33	21	24	1042	20.2	10.2	22					87
VSC-L 20-10A8S	- 8	R3/8	12		32.7	20.7		104.2	29.2	18.2				100		
VSC-L 20-8A10S	10	R1/4	11		33	21		105.0	20.0	20.7		2		180	200	88
VSC-L 20-10A10S	10	R3/8	12		32.7	20.7		105.9	30.9	20.7						89
VSC-E 07-6A6S	6							62.5	24.5	17		0.7		10.5	17	
VSC-E 07-6A8S	8							65.2	27.2	18.2		0.7		10.5	17	
VSC-E 10-6A6S	6	D1/0		20	24	1.0	10	62.5	24.5	17	1.0	,		21	24	22
VSC-E 10-6A8S	8	R1/8	8	28	24	16	16	65.2	27.2	18.2	16	1		21	34	32
VSC-E 12-6A6S	6]						62.5	24.5	17			j i		4-7	
VSC-E 12-6A8S	8]						65.2	27.2	18.2		1.2		27	47	
VSC-E 15-8A8S		R1/4	11		33	21		1042	20.2	10.2			00			88
VSC-E 15-10A8S	8	R3/8	12		32.7	20.7		104.2	29.2	18.2			92	40		
VSC-E 15-8A10S	1.0	R1/4	11		33	21		105.0	20.0	20.7		1.5		42	70	89
VSC-E 15-10A10S	10	R3/8	12	20	32.7	20.7	2.	105.9	30.9	20.7						90
VSC-E 20-8A8S		R1/4	11	39	33	21	24	1045	20.5	100	22					93
VSC-E 20-10A8S	8	R3/8	12	1	32.7	20.7		104.2	29.2	18.2					150	
VSC-E 20-8A10S	1.0	R1/4	11	1	33	21		105.0	20.0	20.7		2		84	150	94
VSC-E 20-10A10S	10	R3/8	12	1	32.7	20.7		105.9	30.9	20.7						95

注:L1、L2、L3尺寸为螺钉紧固后的参考尺寸。

VSQ

外形尺寸图

●VSC-□-□J(集中排气)



单位: mm

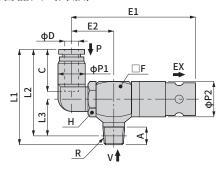
	型 号	气管外径 φD1	气管外径 φD2	R	Α	L1	L2	L3	φР	В	E	C1	C2	□F	喷嘴直径 (mm)	极限真空压力 (-kPa)	吸入流量 (&/min(ANR))	耗气量 (l/min(ANR))	重量 (g)
	VSC-H 07-6A6J	6								64.7	24.5	17			0.7		12	22	
	VSC-H 07-6A8J	8]							67.4	27.2	18.2			0.7		13	23	
	VSC-H 10-6A6J	6		D1 /0	0	20	24	1.0	1.0	64.7	24.5	17	100	10	_		20	46	27
	VSC-H 10-6A8J	8	8	R1/8	8	28	24	16	16	67.4	27.2	18.2	18.2	16	1		28	46	37
	VSC-H 12-6A6J	6								64.7	24.5	17			1.2	93	38	70	
	VSC-H 12-6A8J	8								67.4	27.2	18.2			1.2	93	36	10	
	VSC-H 15-8A8J	8		R1/4	11		32	21		94	29.2	18.2							99
	VSC-H 15-10A8J	8		R3/8	12		31.7	20.7		34	23.2	10.2			1.5		63	100	100
١.	VSC-H 15-8A10J	10		R1/4	11		32	21		95.7	30.9	20.7			1.5		03	100	
١.	VSC-H 15-10A10J	10	12	R3/8	12	38	31.7	20.7	22	33.1	30.9	20.1	23.3	22					101
١.	VSC-H 20-8A8J	8	12	R1/4	11	30	32	21		94	29.2	18.2	25.5	22					103
	VSC-H 20-10A8J			R3/8	12		31.7	20.7			23.2	10.2			2	93	110	200	104
	VSC-H 20-8A10J	10		R1/4	11		32	21		95.7	30.9	20.7			_	33	110	200	
. ,	VSC-H 20-10A10J	10		R3/8	12		31.7	20.7		33.1	30.3	20.1							105
	VSC-L 07-6A6J	6								64.7	24.5	17			0.7		26	23	
	VSC-L 07-6A8J	8	8	R1/8	8	28	24	16	16	67.4	27.2	18.2	18.2	16					37
	VSC-L 10-6A6J	6		, 0	ŭ					64.7	24.5	17			1		42	46	•
- 1	VSC-L 10-6A8J	8								67.4	27.2	18.2							
- 1	VSC-L 15-8A8J	8		R1/4	11		32	21		94	29.2	18.2							97
- 1	VSC-L 15-10A8J			R3/8	12		31.7	20.7							1.5	66	95	100	98
- 1	VSC-L 15-8A10J	10		R1/4	11		32	21		95.7	30.9	20.7							
- 1	VSC-L 15-10A10J		12	R3/8	12	38	31.7	20.7	22				23.3	22					99
- 1	VSC-L 20-8A8J	8		R1/4	11		32	21		94	29.2	18.2							
- 1	VSC-L 20-10A8J			R3/8	12		31.7	20.7							2		180	200	100
- 1	VSC-L 20-8A10J	10		R1/4	11		32	21		95.7	30.9	20.7							
	VSC-L 20-10A10J	_		R3/8	12		31.7	20.7											101
	VSC-E 07-6A6J	6								64.7	24.5	17			0.7		10.5	17	
-	VSC-E 07-6A8J	8								67.4	27.2	18.2							
	VSC-E 10-6A6J	6	8	R1/8	8	28	24	16	16	64.7	24.5	17	18.2	16	1		21	34	37
	VSC-E 10-6A8J	8								67.4	27.2	18.2							
	VSC-E 12-6A6J	6								64.7	24.5	17			1.2		27	47	
	VSC-E 12-6A8J	8		D1 /4	11		22	21		67.4	27.2	18.2							100
-	VSC-E 15-8A8J	8		R1/4	11		32	21		94	29.2	18.2				92			100
	VSC-E 15-10A8J			R3/8	12		31.7	20.7							1.5		42	70	101
	VSC-E 15-8A10J	10		R1/4	11		32	21		95.7	30.9	20.7							102
	VSC-E 15-10A10J		12	R3/8	12	38	31.7	20.7	22				23.3	22					102
-	VSC-E 20-8A8J	8		R1/4	11					94	29.2	18.2							105
	VSC-E 20-10A8J			R3/8	12		31.7	20.7							2		84	150	106
	VSC-E 20-8A10J	10		R1/4	11		32 31.7	21		95.7	30.9	20.7							107
	VSC-E 20-10A10J			R3/8	12		31.1	20.7											107

注:L1、L2、L3尺寸为螺钉紧固后的参考尺寸。

VSY

●VSC-□-□S(供气口弯管型、带消音器大气开放)

外形尺寸图



单位:mm

型号	气管外径 φD1	R	Α	L1	L2	L3	E1	E2	фР1	фР2	С	对边 H	□F	喷嘴直径 (mm)	极限真空压力 (-kPa)	吸入流量 (ℓ/min(ANR))	耗气量 ({/min(ANR))	重量 (g)
VSC-H 07-6A6LS	6			42.8	38.8		57.3	19.3	12.5		17			0.7		13	23	32
VSC-H 07-6A8LS	8			45.7	41.7		58.3	20.3	14.5		18.1			0.7		13	23	34
VSC-H 10-6A6LS	6	R1/8	8	42.8	38.8	16	57.3	19.3	12.5	16	17	14	16	1		28	46	32
VSC-H 10-6A8LS	8	KI/O	0	45.7	41.7	10	58.3	20.3	14.5	10	18.1	14	10			20	40	34
VSC-H 12-6A6LS	6			42.8	38.8		57.3	19.3	12.5		17			1.2	93	38	70	32
VSC-H 12-6A8LS	8			45.7	41.7		58.3	20.3						1.2	93	30	70	34
VSC-H 15-8A8LS	- 8	R1/4	11	52.7	46.7	21	98.3	23.3	14.5		18.1							86
VSC-H 15-10A8LS	0	R3/8	12	32.1	46.4	20.7	36.3	23.3						1.5		63	100	87
VSC-H 15-8A10LS	10	R1/4	11	56.5	50.5	21	100.8	25.8	17.5		20.2			1.5		03	100	91
VSC-H 15-10A10LS	10	R3/8	12	36.3	50.2	20.7	100.8	25.8	11.5	24	20.2	19	22					92
VSC-H 20-8A8LS	- 8	R1/4	11	52.7	46.7	21	98.3	23.3	14.5	24	18.1	19	22					90
VSC-H 20-10A8LS	0	R3/8	12	32.1	46.4	20.7	36.3	23.3	14.5		10.1			2	93	110	200	91
VSC-H 20-8A10LS	10	R1/4	11	56.5	50.5	21	100.8	25.8	17.5		20.2				93	110	200	95
VSC-H 20-10A10LS	10	R3/8	12	36.3	50.2	20.7	100.8	25.8	11.5		20.2							96
VSC-L 07-6A6LS	6			42.8	38.8		57.3	19.3	12.5		17			0.7		26	22	32
VSC-L 07-6A8LS	8	D1/0	8	45.7	41.7	16	58.3	20.3	14.5	16	18.1	14	16	0.7		20	23	34
VSC-L 10-6A6LS	6	R1/8	٥	42.8	38.8	10	57.3	19.3	12.5	10	17	14	10	1		42	46	32
VSC-L 10-6A8LS	8			45.7	41.7		58.3	20.3						1		42	46	34
VSC-L 15-8A8LS	0	R1/4	11	E2 7	46.7	21	98.3	22.2	14.5		18.1							84
VSC-L 15-10A8LS	- 8	R3/8	12	52.7	46.4	20.7	96.3	23.3						1 5	66	95	100	85
VSC-L 15-8A10LS	- 10	R1/4	11	EC E	50.5	21	100.0	25.0	17 5		20.2			1.5	00	95	100	89
VSC-L 15-10A10LS	10	R3/8	12	56.5	50.2	20.7	100.8	25.8	17.5	24	20.2	10	22					90
VSC-L 20-8A8LS	0	R1/4	11	F2 7	46.7	21	00.3	22.2	14.5	24	10.1	19	22					86
VSC-L 20-10A8LS	- 8	R3/8	12	52.7	46.4	20.7	98.3	23.3	14.5		18.1			_		100	200	87
VSC-L 20-8A10LS	- 10	R1/4	11	56.5	50.5	21	100.8	25.0	17.5		20.2			2		180	200	91
VSC-L 20-10A10LS	10	R3/8	12	30.5	50.2	20.7	100.8	25.8	17.5		20.2							92
VSC-E 07-6A6LS	6			42.8	38.8		57.3	19.3	12.5		17			0.7		10.5	17	32
VSC-E 07-6A8LS	8			45.7	41.7		58.3	20.3	14.5]	18.1			0.7		10.5	11	34
VSC-E 10-6A6LS	6	D1/0		42.8	38.8	1.0	57.3	19.3	12.5	1,0	17	14	1.0	1		21	24	32
VSC-E 10-6A8LS	8	R1/8	8	45.7	41.7	16	58.3	20.3	14.5	16	18.1	14	16	1		21	34	34
VSC-E 12-6A6LS	6			42.8	38.8		57.3	19.3	12.5]	17			1.2		27	47	32
VSC-E 12-6A8LS	8			45.7	41.7		58.3	20.3]				1.2		27	47	34
VSC-E 15-8A8LS	- 8	R1/4	11	E2 7	46.7	21	98.3	22.2	14.5		18.1				92			87
VSC-E 15-10A8LS	8	R3/8	12	52.7	46.4	20.7	98.3	23.3						1.5	92	42	70	88
VSC-E 15-8A10LS	10	R1/4	11	FC F	50.5	21	100.0	25.0	17.5]	20.2			1.5		42	10	92
VSC-E 15-10A10LS	10	R3/8	12	56.5	50.2	20.7	100.8	25.8	17.5	24	20.2	10	22					93
VSC-E 20-8A8LS		R1/4	11	E2 7	46.7	21	00.3	22.2	14.5	24	10.1	19	22					92
VSC-E 20-10A8LS	- 8	R3/8	12	52.7	46.4	20.7	98.3	23.3	14.5		18.1					0.4	150	93
VSC-E 20-8A10LS	- 10	R1/4	11	EC F	50.5	21	100.0	25.0	17.5]	20.2	1		2		84	150	97
VSC-E 20-10A10LS	10	R3/8	12	56.5	50.2	20.7	100.8	25.8	17.5		20.2							98

注:L1、L2、L3尺寸为螺钉紧固后的参考尺寸。

VSQ

发生器系

VSY

VSU VSG

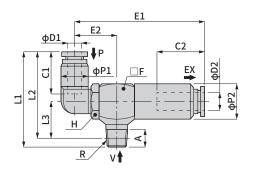
M V V M

VSXM

VSZM

VSQ

●VSC-□-□J(供气口弯管型、集中排气)



单位: mm

型 号	气管外径 ΦD1	气管外径 ΦD2	R	Α	L1	L2	L3	E1	E2	фР1	фР2	C1	C2	对边 H	□F	喷嘴直径 (mm)	极限真空压力 (-kPa)	吸入流量 (Umin(ANR))	耗气量 (Vmin(ANR))	重量 (g)
VSC-H 07-6A6LJ	6	Ψ			42.8	38.8		59.5	19.3	12.5		17		••			(10.07)	.,	.,	36
VSC-H 07-6A8LJ	8	-			45.7	41.7		60.5	20.3	14.5		18.2				0.7		13	23	38
VSC-H 10-6A6LJ	6	1			42.8	38.8		59.5	19.3	12.5	ĺ	17					1			36
VSC-H 10-6A8LJ	8	8	R1/8	8	45.7	41.7	16	60.5	20.3	14.5	16	18.2	18.2	14	16	1		28	46	38
VSC-H 12-6A6LJ	6	1			42.8	38.8		59.5	19.3	12.5	1	17					1			36
VSC-H 12-6A8LJ	8	1			45.7	41.7		60.5	20.3							1.2	93	38	70	38
VSC-H 15-8A8LJ			R1/4	11	F2 7	46.7	21	00.1	22.2	14.5		18.2					1			98
VSC-H 15-10A8LJ	8		R3/8	12	52.7	46.4	20.7	88.1	23.3							1.5		63	100	99
VSC-H 15-8A10LJ	10]	R1/4	11	56.5	50.5	21	90.6	25.0	17 5		20.2				1.5		63	100	102
VSC-H 15-10A10LJ	10	12	R3/8	12	36.3	50.2	20.7	90.6	25.8	17.5	22	20.2	23.3	19	22					103
VSC-H 20-8A8LJ	- 8	12	R1/4	11	52.7	46.7	21	88.1	23.3	14.5	22	18.2	23.3	19	22					102
VSC-H 20-10A8LJ	0		R3/8	12	32.1	46.4	20.7	00.1	23.3	14.5		10.2				2	93	110	200	103
VSC-H 20-8A10LJ	10		R1/4	11	56.5	50.5	21	90.6	25.8	17.5		20.2				_	93	110	200	107
VSC-H 20-10A10LJ	10		R3/8	12	30.3	50.2	20.7	30.0	23.0	11.5		20.2								108
VSC-L 07-6A6LJ	6				42.8	38.8		59.5	19.3	12.5		17				0.7		26	23	36
VSC-L 07-6A8LJ	8	8	R1/8	8	45.7	41.7	16	60.5	20.3	14.5	16	18.2	18.2	14	16	0.7		20	23	38
VSC-L 10-6A6LJ	6		111/0		42.8	38.8	10	59.5	19.3	12.5	10	17	10.2		10	1		42	46	36
VSC-L 10-6A8LJ	8				45.7	41.7		60.5	20.3									72	10	38
VSC-L 15-8A8LJ	- 8		R1/4	11	52.7	46.7	21	88.1	23.3	14.5		18.2								96
VSC-L 15-10A8LJ			R3/8	12	32.1	46.4	20.7	00.1	20.0							1.5	66	95	100	97
VSC-L 15-8A10LJ	10		R1/4	11	56.5	50.5	21	90.6	25.8	17.5		20.2								101
VSC-L 15-10A10LJ		12	R3/8	12	00.0	50.2	20.7				22		23.3	19	22					102
VSC-L 20-8A8LJ	8		R1/4	11	52.7	46.7	21	88.1	23.3	14.5		18.2	20.0							97
VSC-L 20-10A8LJ			R3/8	12		46.4	20.7									2		180	200	98
VSC-L 20-8A10LJ	10		R1/4	11	56.5	50.5	21	90.6	25.8	17.5		20.2								102
VSC-L 20-10A10LJ			R3/8	12		50.2	20.7													103
VSC-E 07-6A6LJ	6				42.8	38.8		59.5	19.3	12.5		17				0.7		10.5	17	36
VSC-E 07-6A8LJ	8				45.7	41.7		60.5	20.3	14.5		18.2								38
VSC-E 10-6A6LJ	6	8	R1/8	8	42.8	38.8	16	59.5	19.3	12.5	16	17	18.2	14	16	1		21	34	36
VSC-E 10-6A8LJ	8				45.7	41.7		60.5	20.3	14.5		18.2								38
VSC-E 12-6A6LJ	6				42.8	38.8		59.5	19.3	12.5		17				1.2		27	47	36
VSC-E 12-6A8LJ	8				45.7	41.7		60.5	20.3											38
VSC-E 15-8A8LJ	8		R1/4	11	52.7	46.7	21	88.1	23.3	14.5		18.2					92			98
VSC-E 15-10A8LJ			R3/8	12		46.4	20.7									1.5		42	70	99
VSC-E 15-8A10LJ	10		R1/4	11	56.5	50.5	21	90.6	25.8	17.5		20.2								103
VSC-E 15-10A10LJ		12	R3/8	12		50.2	20.7				22		23.3	19	22					104
VSC-E 20-8A8LJ	- 8		R1/4	11	52.7	46.7	21	88.1	23.3	14.5		18.2								103
VSC-E 20-10A8LJ			R3/8	12		46.4	20.7									2		84	150	104
VSC-E 20-8A10LJ	10		R1/4	11	56.5	50.5	21	90.6	25.8	17.5		20.2								108
VSC-E 20-10A10LJ			R3/8	12		50.2	20.7													109

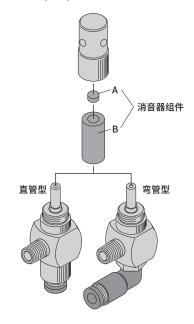
注:L1、L2、L3尺寸为螺钉紧固后的参考尺寸。

保养部件型号

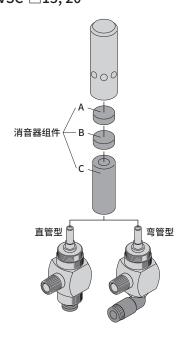
●消音器滤芯



●消音器组件 •VSC-□07, 10, 12



- 1	IC	\Box	1 [20



消音器组件型号	真空发生器型号
	VSC-□07-6A□(L) S
VSC-12-SK	VSC-□10-6A□ (L) S
	VSC-□12-6A□ (L) S

消音器组件型号	真空发生器型号
	VSC-□15-8A8□(L) S
VSC-15-SK	VSC-□15-10A8□(L) S
V2C-13-3K	VSC-□15-8A10□(L) S
	VSC-□15-10A10□(L) S
	VSC-□20-8A8□(L) S
VSC-20-SK	VSC-□20-10A8□ (L) S
VSC-20-5K	VSC-□20-8A10□ (L) S
	VSC-□20-10A10□(L) S