

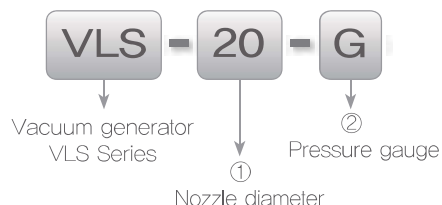
Large-flow Vacuum generator VLS Series

Product information

- Achieved miniaturization of products.
- Easier maintenance due to simple structure
- By replacing nozzle with the same body structure, various suction flow, is available.



Order form (Example)



① Nozzle diameter

Symbol	20	25	30
Size	2,0	2,5	3,0
Suction flow rate	100 l /min	150 l /min	200 l /min

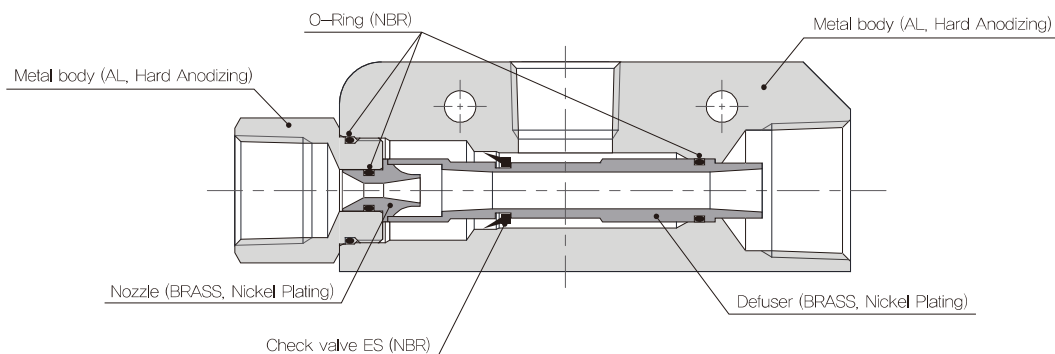
② Pressure gauge

Symbol	No option	A	G
Gauge type	None	Analog Gauge 	Digital Gauge GPD-V-01
		NV Digital Gauge VUS-32R (NPN) (SW2 + Analog) 	PV Digital Gauge VUS-32R (PNP) (SW2 + Analog)

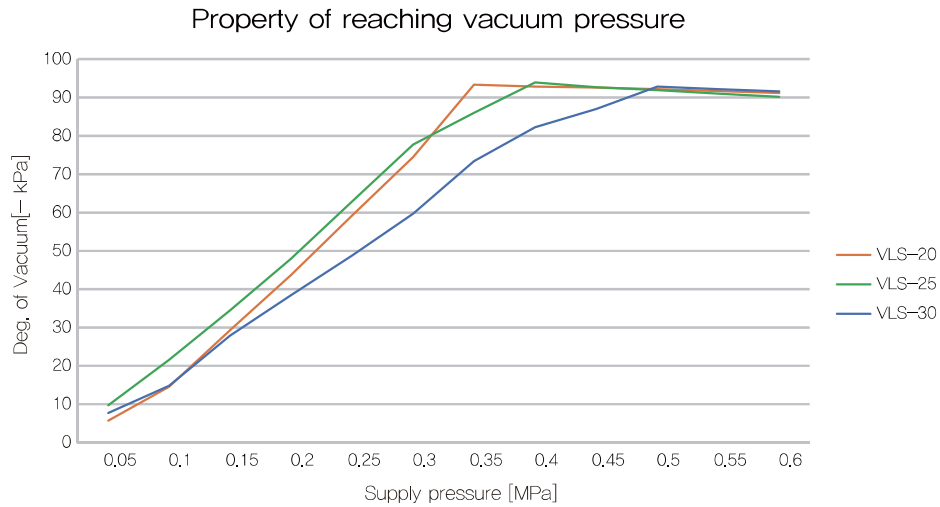
Specification

Type		VLS-20	VLS-25	VLS-30
Max Suction flow	L/min ANR	100	150	200
Consumption flow	L/min ANR	230	345	410
Max deg. Vacuum	-kPa (-mmHg)		-91 (-675)	
Fluid used			Compressed air	
Operating pressure range	MPa		0.3 ~ 0.6MPa	
Vacuum pressure	MPa		0.5MPa	
Operating temperature range			0 ~ 60°C	

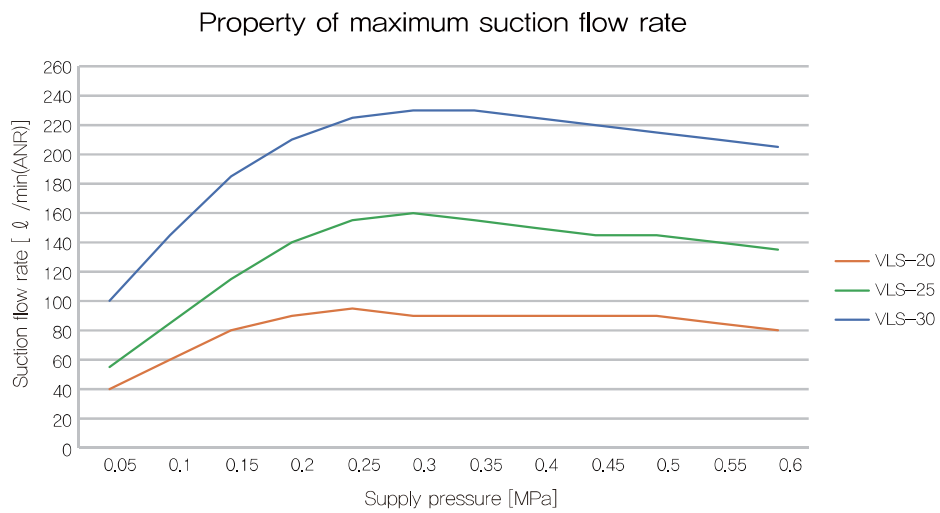
Structure diagram



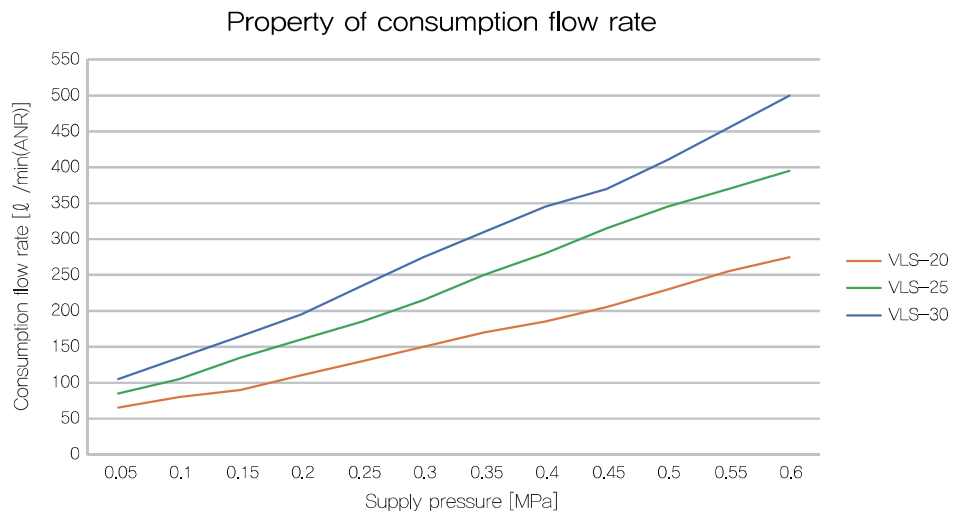
Reaching vacuum pressure



Maximum Suction flow rate



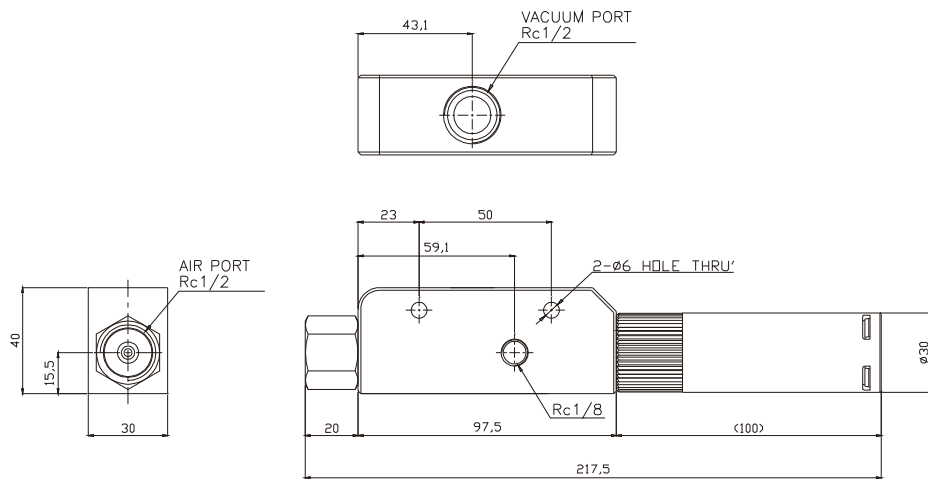
Consumption flow rate



※ The figures in the above graph are reference values. There may be differences depending on your environment.

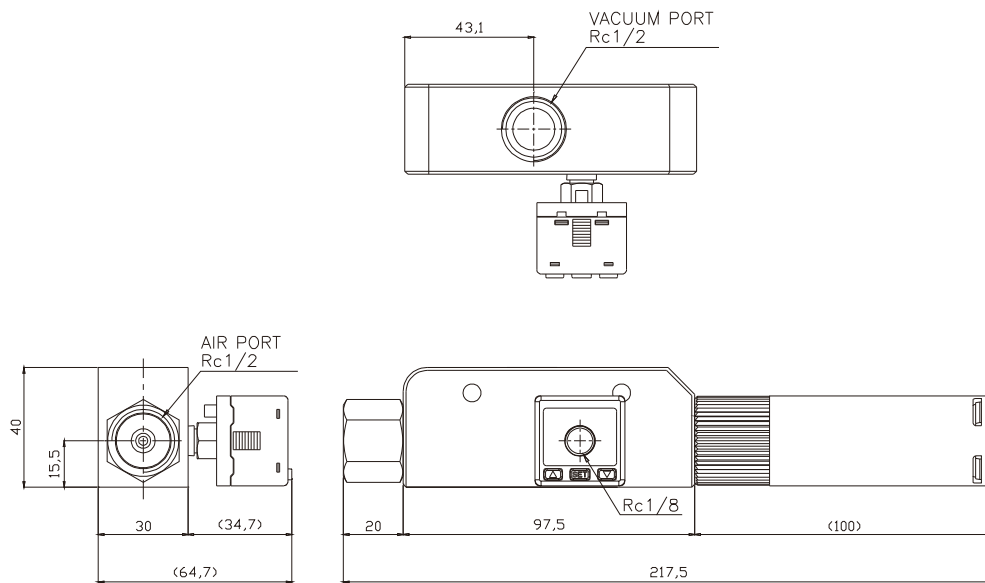
Dimensional drawing(mm)

– VLS–20, VLS–25, VLS–30



Type	VLS-20	VLS-25	VLS-30
Exhaust port thread size		Rc 3/4	

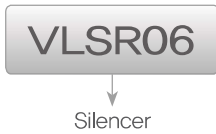
– VLS–20, VLS–25, VLS–30 Option



VLS Silencer / Individual order type

■ Product information

- Outstanding noise reduction
- VLS series standard silencer
- Replacement can be ordered separately
- No exhaust resistance due to through structure



Assembly

