

VCS202

Features and Strengths

- Built in level compensator in one body
- Highly operational reliability despite fluctuating or low compressed-air pressure
- Quick response time
- Compact size and light weight



Specifications

Description	VCS202
Max. Vacuum level	-90 kPa
Open Vacuum flow	41.3 NI/min
Max. Feed pressure	7 bar
Temperature	-20 ~ 80 °C
Noise level	55 ~ 65 dBA
Weight	g

Vacuum Flow

Model	Max. vacuum (-kPa)	Feed Pressure (bar)	Vacuum flow (NI/min) at different vacuum levels (-kPa)									
			0	10	20	30	40	50	60	70	80	90
VCS202	50	1.7	35	25.4	12.8	8.3	4	-	-	-	-	-
	65	2.2	38.8	29.5	17	11.5	8	5.2	1.4	-	-	-
	90	3.14	41.3	36.9	26	15.8	11	8.9	6.6	3.9	2	-
	85	4	40	42.7	31	23	14.1	7.6	6.4	3.9	1.3	-

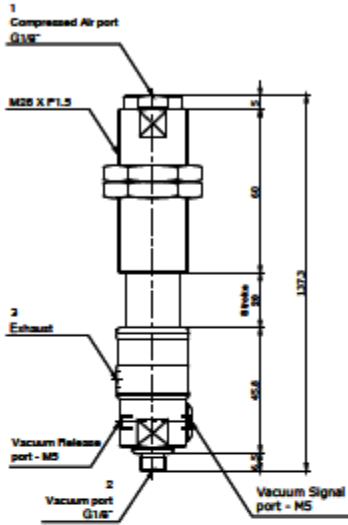
Evacuation Time

Model	Feed Pressure (bar)	Air Consumption (NI/min)	Evacuation time in sec / liter to reach different vacuum levels (-kPa)								
			10	20	30	40	50	60	70	80	90
VCS202	1.7	17	0.26	0.59	1.29	2.56	-	-	-	-	-
	2.2	20	0.18	0.48	0.95	1.55	2	2.5	-	-	-
	3.14	26	0.15	0.37	0.61	1.5	1.5	2	3.8	6.2	-
	4	32	0.14	0.39	0.59	0.9	1.2	1.8	3.2	6.9	-

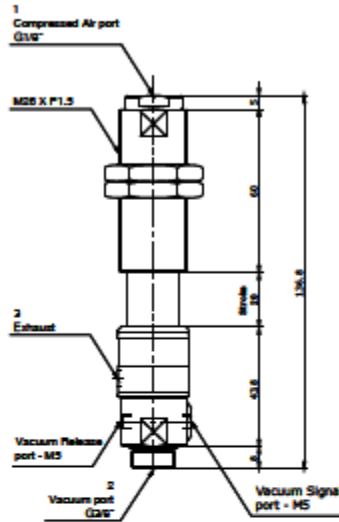
Dimensions – VCS202 series

▼ VCS202 – Internal level compensator type

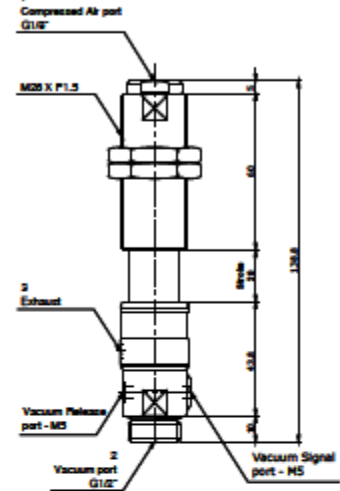
▼ VCS102-LM5 07
VCS102C-LM5 07



▼ VCS202-38M20
VCS202C-38M20

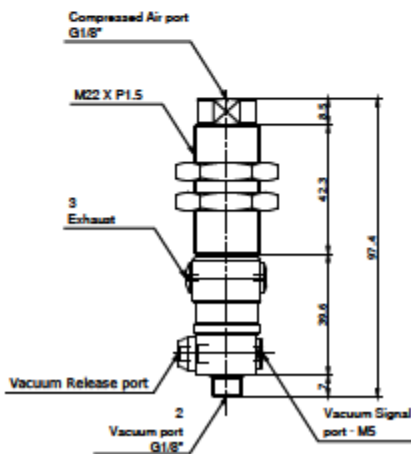


▼ VCS202-12M20
VCS202C-12M20

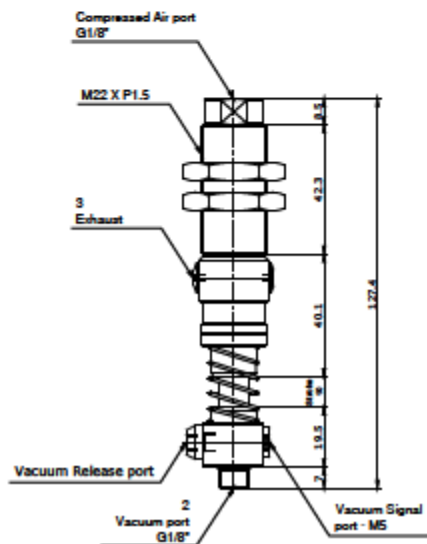


▼ VCS202 – External level compensator type

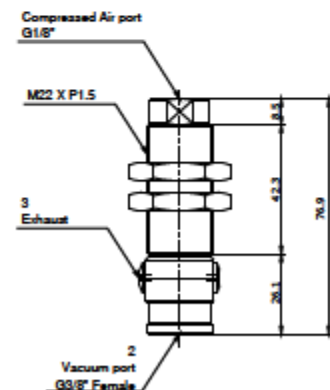
▼ VCS102-L18M
VCS102C-L18M



▼ VCS202-L18M 10
VCS202C-L18M 10

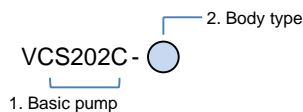


▼ VCS202-L38F



[Unit : mm]

Build an Ordering No.



1. Basic pump	Description	Ordering No.
	Vacuum speeder VCS202 series, 2-stage cartridge, No release check valve	VCS202
	Vacuum speeder VCS202 series, 2-stage cartridge, Release check valve	VCS202C

2. Body type	Description	Ordering No.
	Port size G1/8" male, Level compensator 20mm	18M20
	Port size G3/8" male, Level compensator 20mm	38M20
	Port size G1/2" male, Level compensator 20mm	12M20
	Port size G1/8" male	L18M
	Port size G3/8" male, Level compensator 10mm	L18M10
	Port size G3/8" female: Only available with VCS202	L38F

Spare Parts – Basic pumps

Model	Description
VCS202-18M20	Vacuum speeder VCS202 series, 2-stage cartridge, No release check valve, Port size G1/8" male, Level compensator 20mm
VCS202-38M20	Vacuum speeder VCS202 series, 2-stage cartridge, No release check valve, Port size G3/8" male, Level compensator 20mm
VCS202-12M20	Vacuum speeder VCS202 series, 2-stage cartridge, No release check valve, Port size G1/2" male, Level compensator 20mm
VCS202-L18M	Vacuum speeder VCS202 series, 2-stage cartridge, No release check valve, Port size G1/8" male
VCS202-18M-10	Vacuum speeder VCS202 series, 2-stage cartridge, No release check valve, Port size G3/8" male, Level compensator 10mm
VCS202-L38F	Vacuum speeder VCS202 series, 2-stage cartridge, No release check valve, Port size G3/8" female
VCS202C-18M20	Vacuum speeder VCS202 series, 2-stage cartridge, Release check valve, Port size G1/8" male, Level compensator 20mm
VCS202C-38M20	Vacuum speeder VCS202 series, 2-stage cartridge, Release check valve, Port size G3/8" male, Level compensator 20mm
VCS202C-12M20	Vacuum speeder VCS202 series, 2-stage cartridge, Release check valve, Port size G1/2" male, Level compensator 20mm
VCS202C-L18M	Vacuum speeder VCS202 series, 2-stage cartridge, Release check valve, Port size G1/8" male
VCS202C-18M-10	Vacuum speeder VCS202 series, 2-stage cartridge, Release check valve, Port size G3/8" male, Level compensator 10mm

Spare Parts – Cartridges

Model	Description
VC202	Mini vacuum cartridge, 2-Stage