

## VTX10 / VTM10

### Features and Strengths

- Individual vacuum operation
- Multi-stage ejector
- Manifold type - Maximum 16stacks
- Quick response time
- Compact size and light weight



### Specifications

Description	VTX10	VTM10
Max. Vacuum level	-92 kPa	-85 kPa
Open Vacuum flow	32 NI/min	35 NI/min
Max. Feed pressure	7 bar	7 bar
Temperature	-20 ~ 80 °C	-20 ~ 80 °C
Noise level	50 ~ 65 dbA	50 ~ 65 dbA
Weight	37g	37g

### Vacuum Flow

Model	Max. vacuum (-kPa)	Vacuum flow (NI/min) at different vacuum levels (-kPa)									
		0	10	20	30	40	50	60	70	80	90
VTX10	92	32	21	17	15	14	11	9	5.4	2.4	0.9
VTM10	85	35	29	25	23	19	16	12	4.8	1.32	-

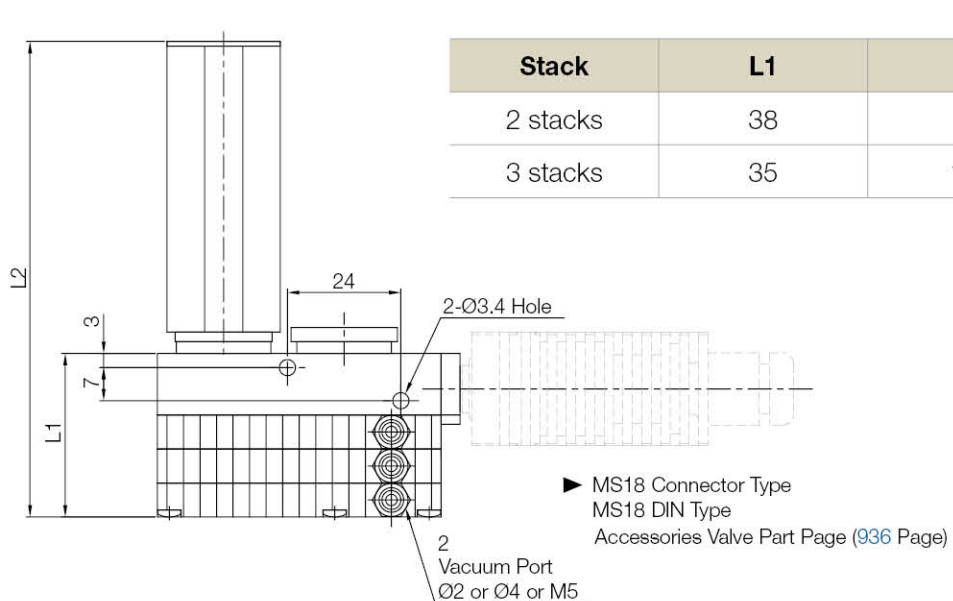
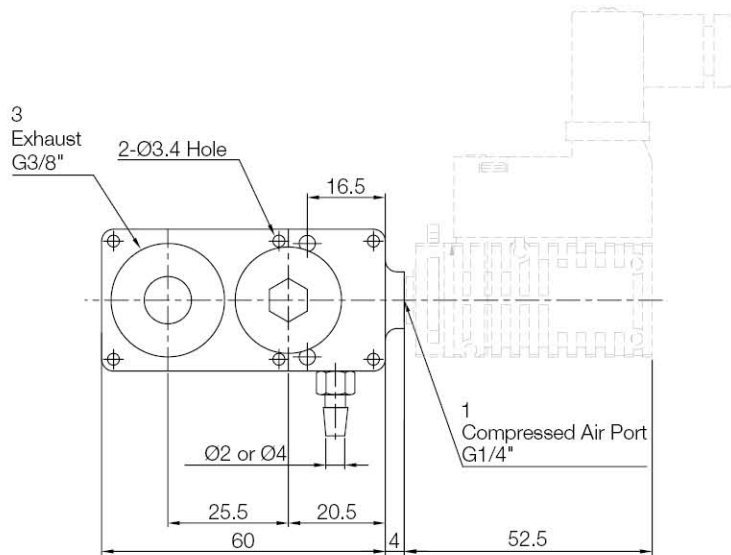
### Evacuation Time

Model	Air Consumption (NI/min)	Vacuum flow (NI/min) at different vacuum levels (-kPa)									
		0	10	20	30	40	50	60	70	80	90
VTX10	43.2 ~ 48	0.129	0.398	0.758	1.2	1.78	2.455	3.455	5.08	9.594	
VTM10	30 ~ 42	0.109	0.278	0.50	0.788	1.178	1.72	2.635	5.158	-	

# VACUUM PUMPS / Minimultiple pumps

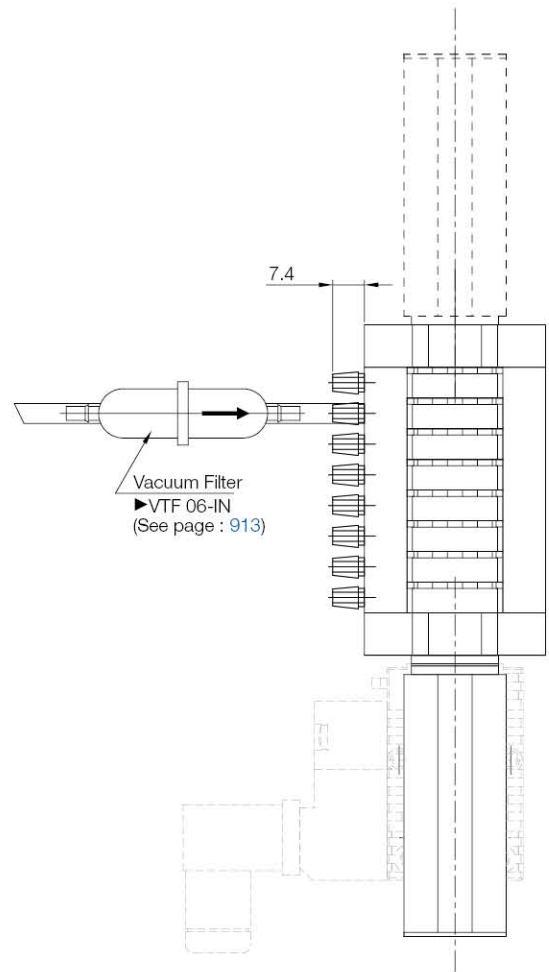
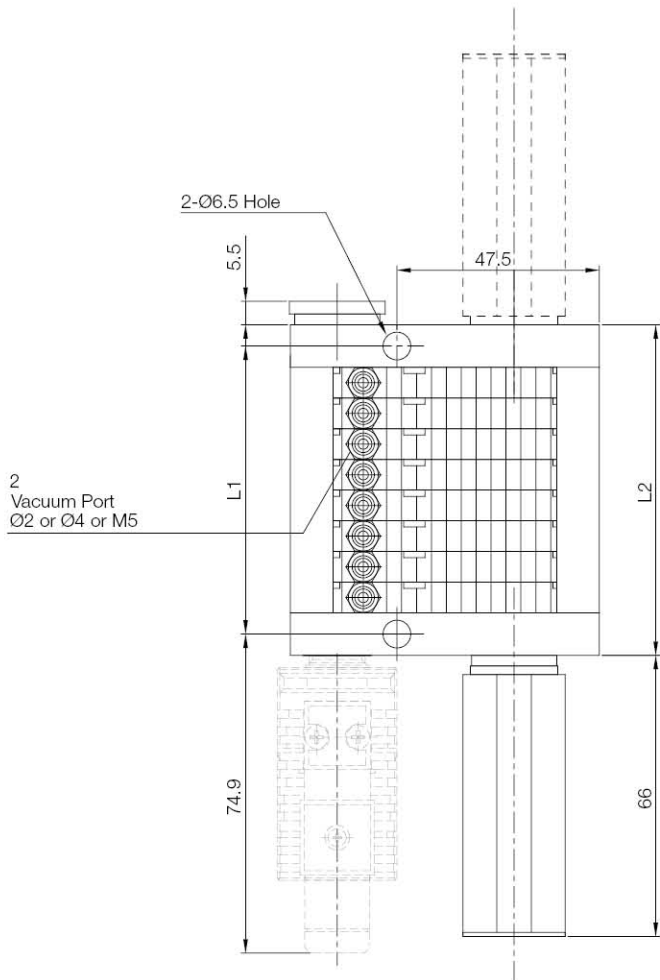
## Dimension

[ Unit : mm ]

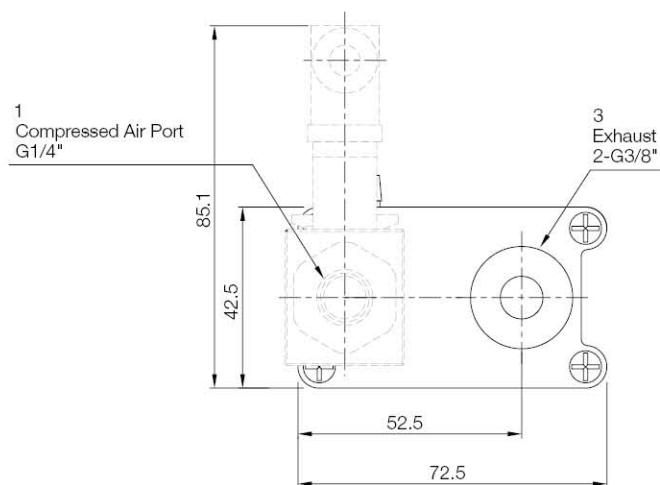


# Dimension

[ Unit : mm ]



▶ MS18 Connector Type  
MS18 DIN Type  
Accessories Valve Part Page (936 Page)



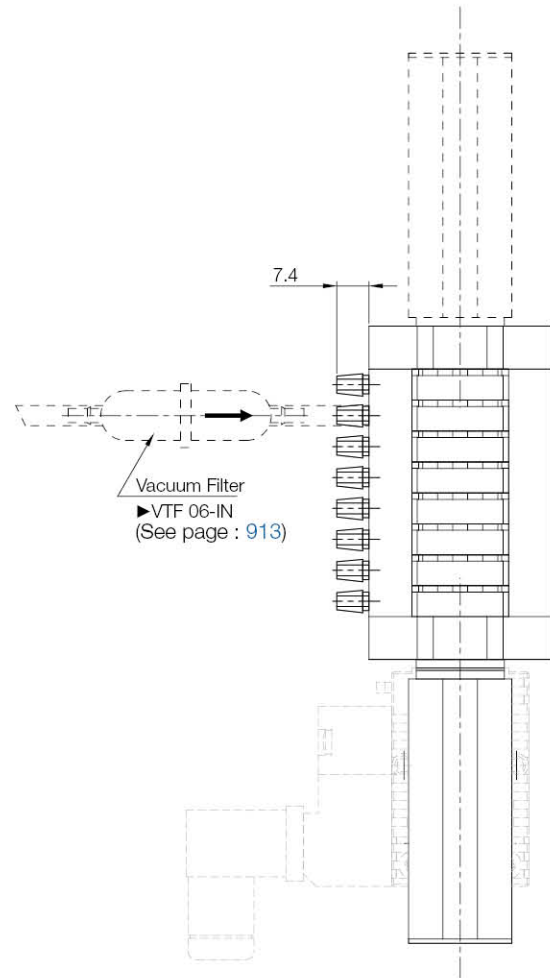
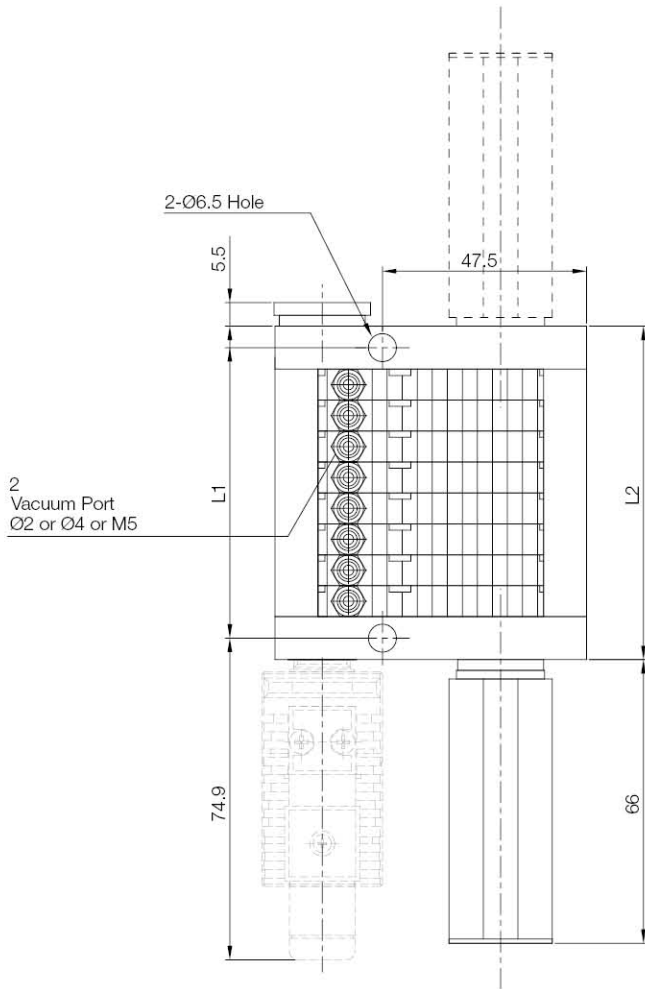
[ Unit : mm ]

Stack	L1	L2
4 stacks	38.3	48.3
6 stacks	53	63
8 stacks	67.5	77.5
10 stacks	82	92
12 stacks	96	106
14 stacks	111	121
16 stacks	125.2	135.2

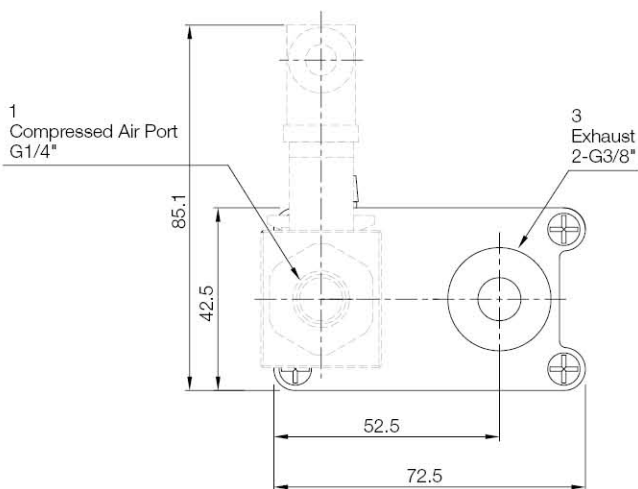
# VACUUM PUMPS / Minimultiple pumps

## I Dimension

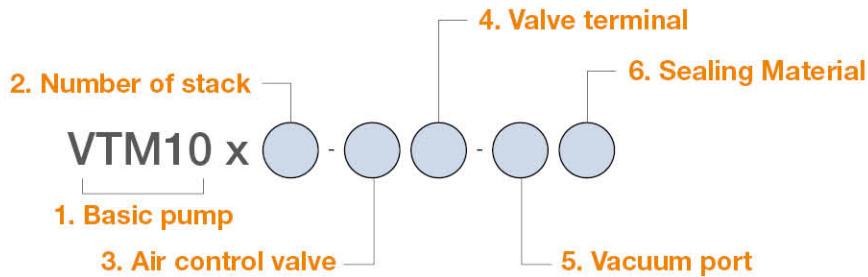
[ Unit : mm ]



► VMS18 Connector Type  
VMS18 DIN Type  
Accessories Valve Part Page (936 Page)



## I Build an Ordering No.



1. Basic pump	Description	Symbol
	Minimultiple Vacuum Pump - VTX5 series	VTX5
	Minimultiple Vacuum Pump - VTX10 series: <a href="#">Maximum stack up to 12 stacks</a>	VTX10
	Minimultiple Vacuum Pump - VTM5 series	VTM5
	Minimultiple Vacuum Pump - VTM10 series: <a href="#">Maximum stack up to 12 stacks</a>	VTM10

2. Number of stack	Description	Symbol
	2 stacks	2
	4 stacks	4
	6 stacks	6
	8 stacks	8
	10 stacks	10
	12 stacks	12
	14 stacks	14
	16 stacks	16
	- VTX5 and VTM5 with 12~16 stacks includes 2 silencers	
	- VTX10 and VTM10 with above 6~12 stacks includes 2 silencers	

3. Air control valve	Description	Symbol
	No air control valve	Blank
	Air control valve, AC110V	A1
	Air control valve, AC220V	A2
	Air control valve, DC24V	A3

4. Valve terminal	Description	Symbol
	Solenoid Terminal, DIN, No LW	DN
	Solenoid Terminal, DIN, Lamp, No LW	DL
	Solenoid Terminal, Conn, Lamp & 0.3m LW: <a href="#">Only available with DC24V</a>	CL
	Solenoid Terminal, DIN, 2 in 1 BUS cable: <a href="#">Not available with Double Solenoid Valve</a>	2B

5. Vacuum port	Description	Symbol
	Ø2 Inner diameter of tube	2
	Ø4 Inner diameter of tube	4

6. Sealing material	Description	Symbol
	NBR	Blank
	VITON	V
	EPDM	E