

DPM PUMP

Midi PM-PUMP

- ▷ Suitable for handling porous objects with high vacuum flow
- ▷ Reliable performance despite inconsistent compressed air pressure
- ▷ Cartridge inserted
- ▷ Durable aluminum body
- ▷ Changeable cartridge number and minimum air consumption
- ▷ Flexible vacuum line available due to various vacuum ports
- ▷ Energy efficiency due to Air saving kit



Specifications

Description	DPM300X6	DPM300X8
Max. Vacuum level	-92 kPa	
Open Vacuum flow	2,046 l/min	2,728 l/min
Max. Feed pressure	7 bar	
Temperature	-20 ~ 80 °C	
Noise level	70 ~ 76 dbA	

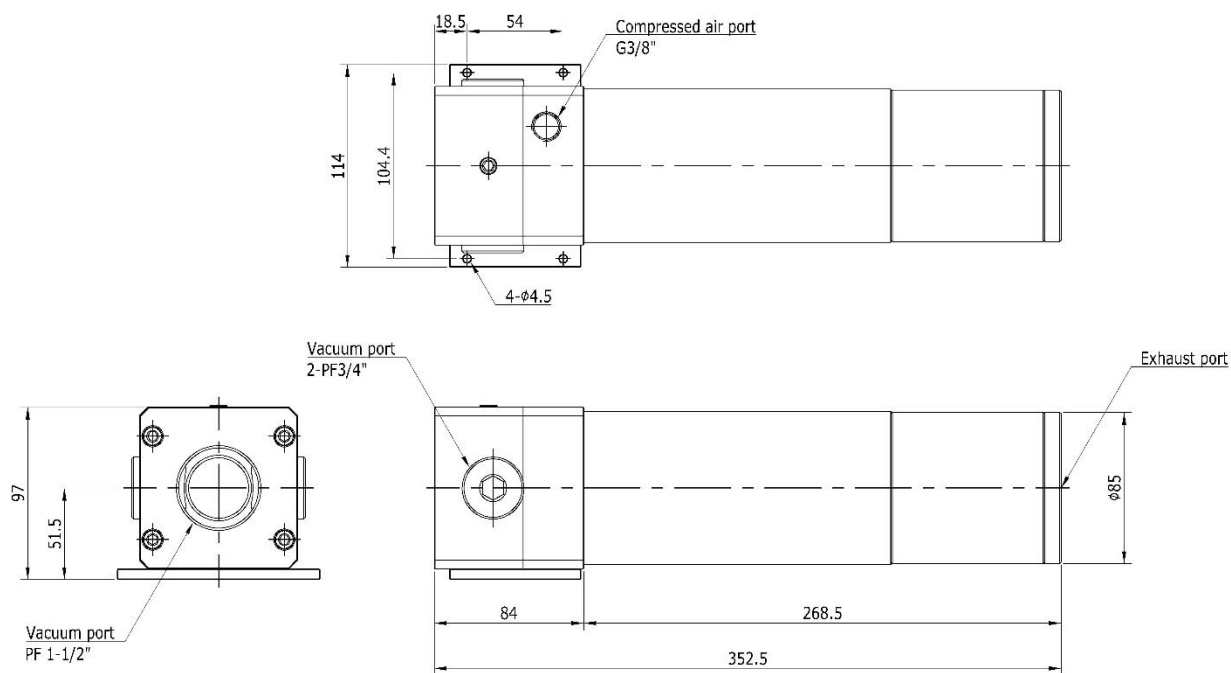
Vacuum Flow

Model	Feed Pressure (bar)	Max. Vacuum (-kPa)	Vacuum flow (l/min) at different vacuum levels (-kPa)									
			0	10	20	30	40	50	60	70	80	90
DPM300X6	4.0	-92	2046	924	765	564	414	258	139.8	103.8	41.4	12.6
DPM300X8			2728	1232	1020	752	552	344	186.4	138.4	55.2	16.8

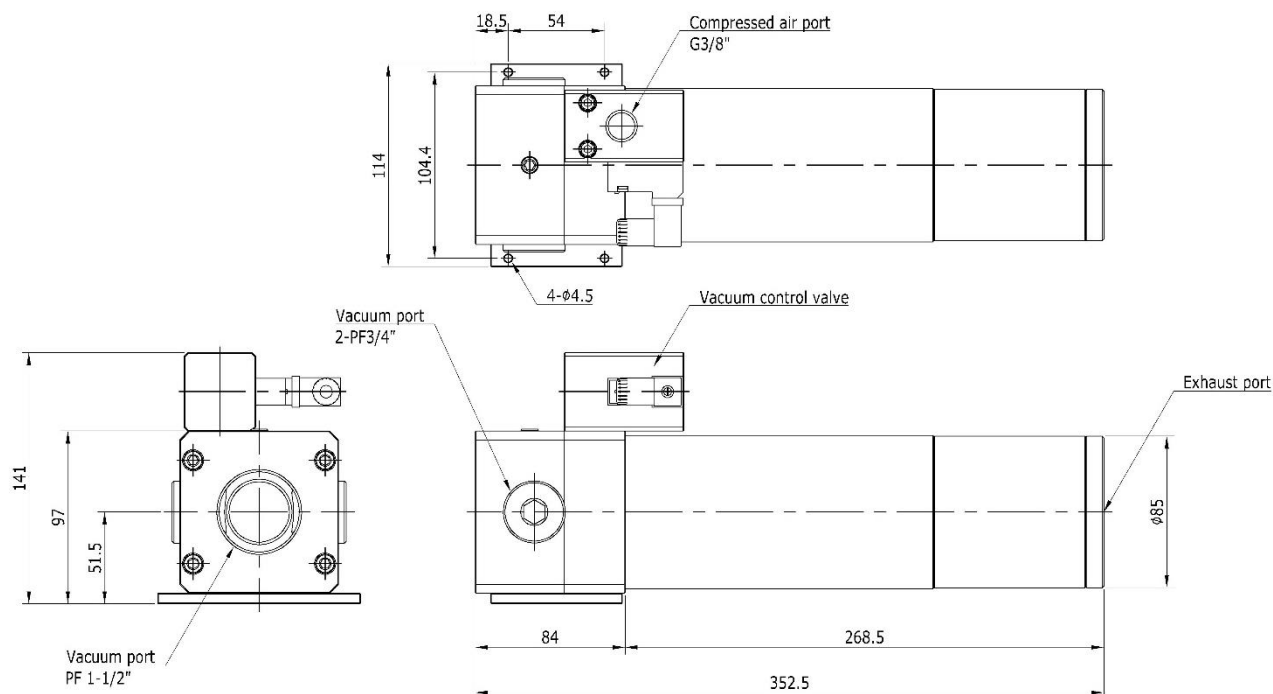
Evacuation Time

Model	Feed Pressure (bar)	Air Consumption (l/min)	Vacuum flow (l/min) at different vacuum levels (-kPa)								
			10	20	30	40	50	60	70	80	90
DPM300X6	4.0	804	0.003	0.0088	0.0133	0.025	0.0433	0.093	0.143	0.26	0.63
DPM300X8		1072	0.0023	0.0066	0.01	0.0188	0.0325	0.07	0.1075	0.195	0.473

Dimension

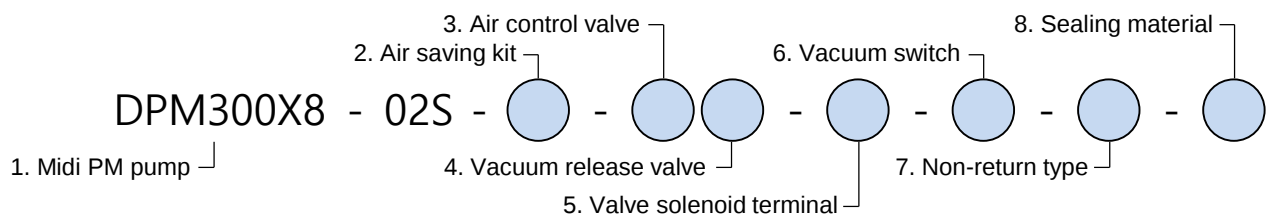


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Build an Ordering No.



1. Midi PM pump	Description	Ordering No.
	DPM Pump, 3-stage, 6-vacuum cartridges, silencer	DPM300X6
	DPM Pump, 3-stage, 8-vacuum cartridges, silencer	DPM300X8
2. Air saving kit	Description	Ordering No.
	No air saving kit	(Blank)
	Air saving kit without air control valve	AS
	Air saving kit integrated with air control valve	ASV
3. Air control valve	Description	Ordering No.
	No air control valve	(Blank)
	Air control valve, AC110V	A1
	Air control valve, AC220V	A2
	Air control valve, DC24V	A3
	Double solenoid valve, AC110V	D1
	Double solenoid valve, AC220V	D2
	Double solenoid valve, DC24V	D3
4. Vacuum release valve	Description	Ordering No.
	No vacuum release valve	(Blank)
	Vacuum release valve, AC110V	R1
	Vacuum release valve, AC220V	R2
	Vacuum release valve, DC24V	R3
5. Valve Solenoid terminal	Description	Ordering No.
	Solenoid Terminal, DIN, No LW	DN
	Solenoid Terminal, DIN, Lamp, No LW	DL
	Solenoid Terminal, DIN, 2 in 1 Bus cable: Not available with Double Solenoid Valve	2B
	Solenoid Terminal, DIN, 3 in 1 Bus cable: Not available with Double Solenoid Valve	3B
	Solenoid Terminal, DIN, 2 in 1 Bus cable: Available with Double Solenoid Valve	4B
	※ 3B and 4B are available only with DC24V and S2/ S2P vacuum switch	

6. Vacuum switch	Description	Ordering No.
	No vacuum switch	(Blank)
	Digital switch, No analog supply, M8-4pins, NPN	S2
	Digital switch, No analog supply, M8-4pins, PNP	S2P
	Digital switch, No analog supply, Grommet, NPN	SG2
	Digital switch, No analog supply, Grommet, PNP	SG2P
	Digital switch, Analog supply, Grommet, NPN	SG3
	Digital switch, Analog supply, Grommet, PNP	SG3P
7. Non-return valve	Description	Ordering No.
	Without non-return check valve (<i>standard</i>)	(Blank)
	With non-return check valve (<i>this option is not needed with Air saving kit</i>)	N
8. Sealing material	Description	Ordering No.
	NBR	(Blank)
	VITON	V
	EPDM	E