

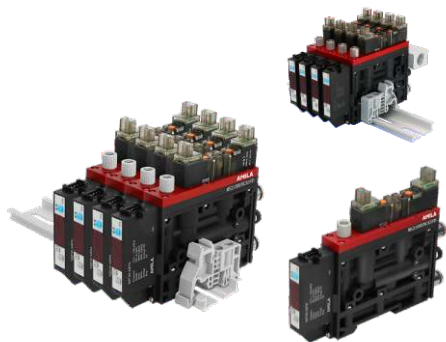
Compact Ejectors



Integrated vacuum generator MS2

Suction capacity: 27 L/min to 41 L/min

Integrated vacuum generator MS2



Introduction and application

- ◆ It is used to transport air-tight or micro-permeable workpieces in electronics, electronic engineering, packaging technology, robot technology and automobile industry;
- ◆ RD is an energy-saving vacuum switch; Energy-saving vacuum generator, air consumption is reduced by 90% (compared with non-energy-saving). Vacuum digital pressure switch with energy-saving function stops gas supply when it reaches vacuum set value.
- ◆ Integrated DIN guide rail installation and centralized air intake.

Ordering Data of integrated vacuum generator MS2

MS2 10 H S NC AS VD NPN B 2 Q

① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ ⑩ ⑪

① Model	② Nozzle size	③ Max. vacuum pressure	④ Rated air supply pressure	⑤ Initial state of suction valve	⑥ Blowing valve and safety valve
MS2	07 - 0.7mm 10 - 1.0mm 15 - 1.5mm XI10 - 0.8mm PI12 - 0.9mm	H - -85 Kpa	S - 0.5 Mpa R - 0.35 Mpa	normally closed(NC) normally open (NO)	AS - Blowing valve and safety check valve

⑦ System monitoring	⑧ Switch output mode	⑨ Muffle selection	⑩ Product continuity	⑪ Centralized gas supply
Blank-without vacuum switch VD digital vacuum switch RD energy-saving vacuum switch	NPN PNP	Blank-Standard Muffler B - High Muffler	Blank-1 2 - 2 3 - 3 4 - 4 5 - 5 6 - 6 7 - 7 8 - 8	Blank-Centralized gas supply is not required Q-Centralized gas supply

Note: XI10 can only correspond to HS, PI12 can only correspond to HR; 7 is blank, no need to select 8; 10 is blank, no need to select 11.

Compact Ejectors

AMILA

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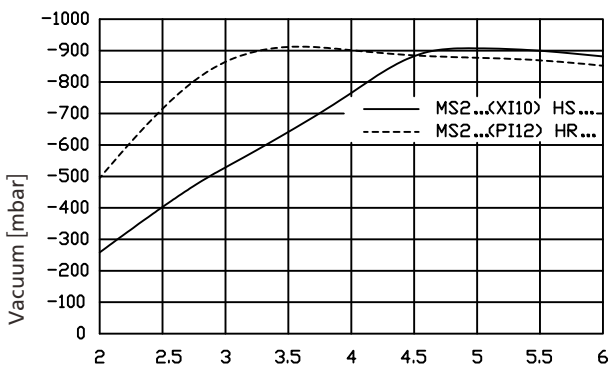
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Technical data of integrated vacuum generator MS2

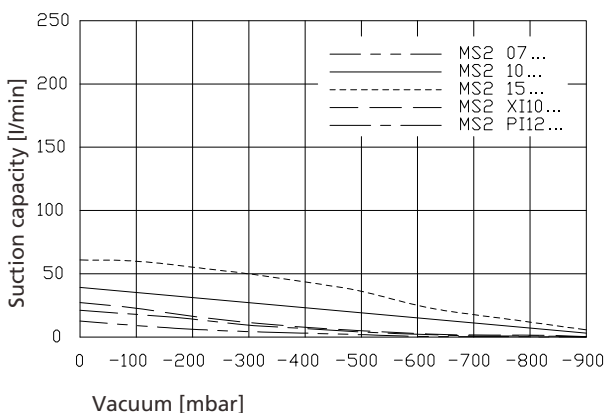
Model	Nozzle size [mm]	vacuum drgree [%]	Maximum suction capacity [l/min]	specific air consumption [l/min]	Operating pressure [bar]	Operating temperature [°C]	weight [g]
MS2 07 HS ...	0.7	85	11	22.5	5	0...45	130
MS2 07 HR ...	0.7	85	9	22.5	3.5	0...45	130
MS2 10 HS ...	1.0	85	27	44	5	0...45	130
MS2 10 HR ...	1.0	85	25	44	3.5	0...45	130
MS2 15 HS ...	1.5	85	63	100	5	0...45	130
MS2 XI10 ...	0.8	85	45	28	5	0...45	130
MS2 PI12 ...	0.9	85	41	32	3.5	0...45	130

Performance curve of integrated vacuum generator MS2

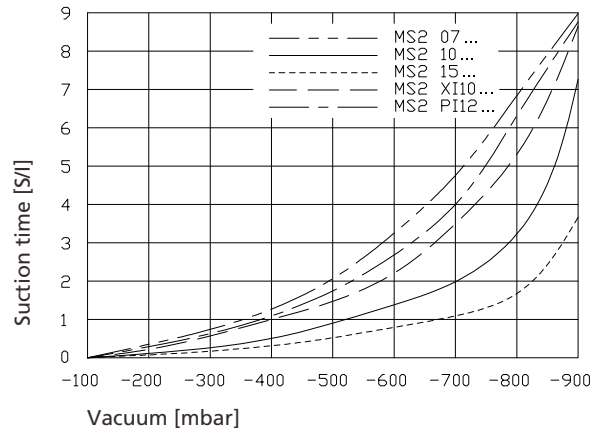
Vacuum achieved under different pressures



Suction capacity for various vacuum ranges



Suction times for various vacuum ranges



Compact Ejectors

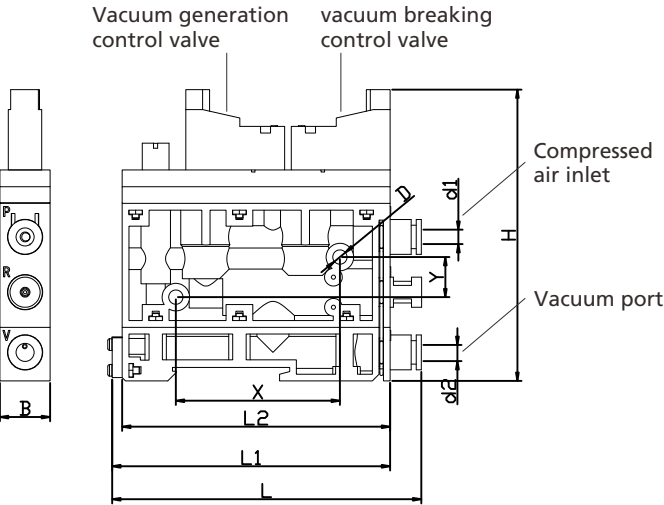


Integrated vacuum generator MS2

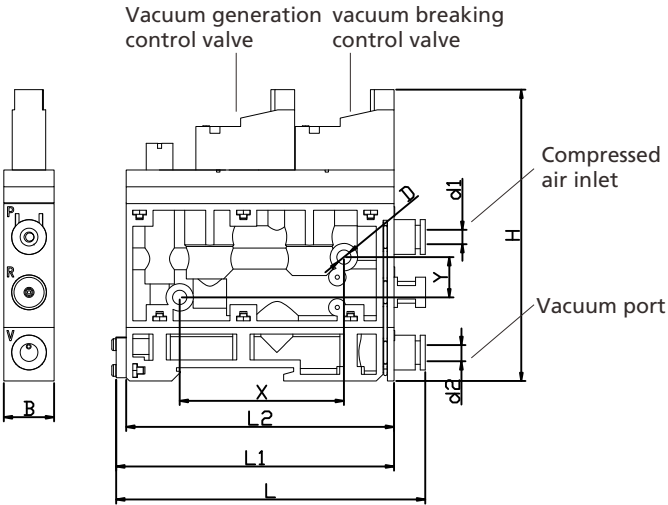
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 Design data of integrated vacuum generator MS2

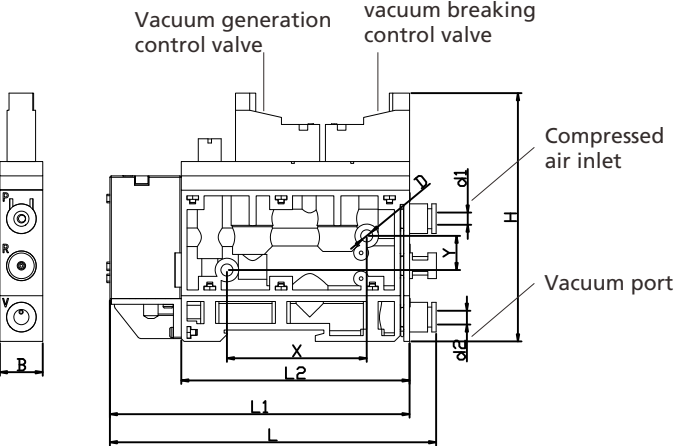
MS2...NC...



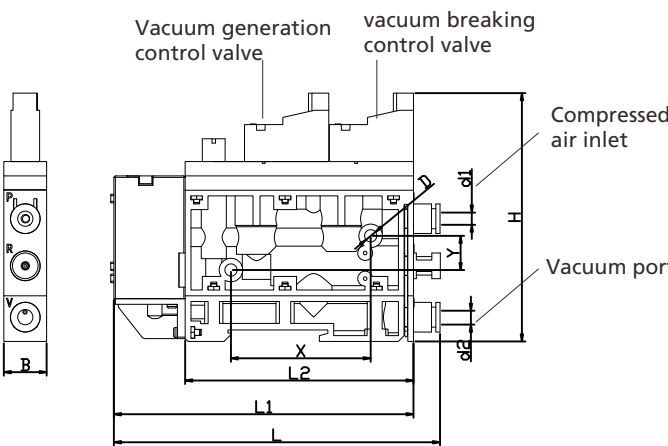
MS2...NO...



MS2...NC...VD/RD



MS2...NO...VD/RD



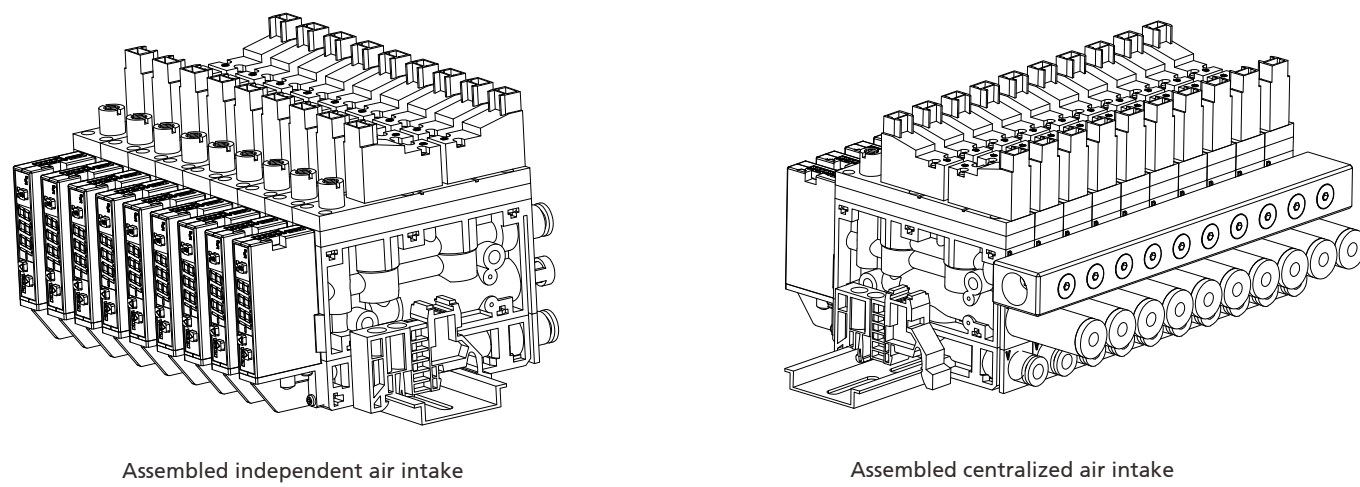
Model	Size [mm]									
	B	D	d1	d2	H	L	L1	L2	X	Y
MS2...NC/NO...	15	4.3	6	6	87	92.3	83	80	49	12
MS2...NC/NO...VD/RD	15	4.3	6	6	87	114.3	105	80	49	12

- Combined Suction Cups
- Vacuum Suction Cups
- Composite Suction Cups
- Special Grippers
- Vacuum Gripping Systems
- Mounting Elements
- Vacuum Generators
- Valve Technology
- Switch And Monitoring
- Vacuum Filters

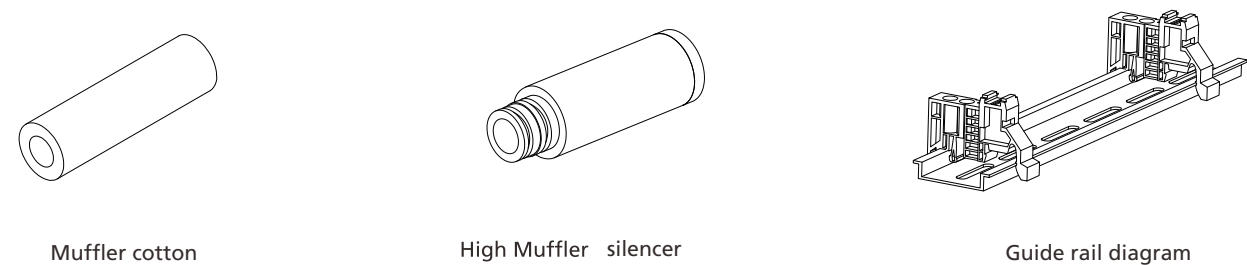
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Installation schematic of Integrated vacuum generator MS2



Maintenance component selection specifications



Name	Component model	Remarks
Muffler cotton	MS2-XYM	—
High Muffler silencer	MS2-GXYXYQ	—
Solenoid valve terminal wire	MS2-N	Installation package of 300mm