

AGP Series

Vacuum Generator

AIRBEST



ELECTRONICS



METAL
SHEET



PACKAGING

Features

- ◇ Fast evacuation, high vacuum level, low air consumption
- ◇ Built-in vacuum cartridge
- ◇ Small size, simple structure, groove type installation structure
- ◇ There are 6 vacuum ports with G1/8 female thread

Advantages

- ◇ High efficient and energy-saving vacuum generator, can quickly reach the max. vacuum level
- ◇ The suitable vacuum generators can be selected according to different working conditions
- ◇ Simple installation structure, can be installed quickly
- ◇ Multiple suction cups can be connected at the same time
- ◇ Reduce product noise



Applications

- ◇ The working conditions where multiple suction cups are directly installed at the same time
- ◇ Applicable to the working conditions that require fast evacuation and low air consumption

Structure

- ◇ Housing can be freely matched with vacuum cartridges with different performance parameters
- ◇ The air supply port is directly inserted into the $\phi 6$ hose, the vacuum port is G1/8 female thread

How to order

AGP - S08-3

①

②

Series	② Specification
AGP	S08-3 (-75kPa) X10-3 (-93kPa) P12-3 (-90kPa)

AGP Series

Vacuum Generator

AIRBEST

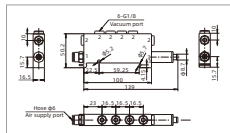
Vacuum flow(NL/min) at different vacuum levels(-kPa)

Model	Air supply pressure bar	Air consumption NL/min	0	10	20	30	40	50	60	70	80	Max. vacuum level -kPa
AGP-S08-3	4.0	19.0	60.0	38.0	24.0	14.9	11.5	6.8	-	-	-	60
	5.0	23.0	66.0	40.0	32.0	19.1	13.3	9.9	6.5	-	-	70
	6.0	27.0	68.0	42.0	36.0	24.0	13.0	10.2	8.4	6.3	-	75
AGP-X10-3	4.5	27.5	64.0	40.0	32.0	18.0	11.3	9.7	7.3	4.9	2.7	90
	5.0	30.0	66.0	40.0	34.0	24.0	14.3	9.3	6.9	4.8	2.4	93
	6.0	34.5	68.0	44.0	34.0	30.0	20.0	10.5	6.5	4.9	1.7	91
AGP-P12-3	1.7	19.0	46.0	19.8	10.5	7.0	3.0	-	-	-	-	43
	2.2	22.5	52.0	30.0	12.0	8.2	5.8	2.7	-	-	-	58
	3.14	29.0	62.0	38.0	28.0	10.0	7.7	6.7	4.8	2.9	1.4	90
	4.0	35.0	68.0	40.0	34.0	24.0	11.4	5.7	4.2	3.0	1.2	88

Evacuation time(s/L) to reach different vacuum levels(-kPa)

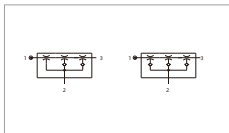
Model	Air supply pressure bar	Air consumption NL/min	10	20	30	40	50	60	70	80	Max. vacuum level -kPa
AGP-S08-3	4.0	19.0	0.06	0.22	0.53	0.93	1.72	4.61	-	-	60
	5.0	23.0	0.06	0.19	0.44	0.83	1.35	2.23	6.33	-	70
	6.0	27.0	0.05	0.19	0.38	0.68	1.26	2.08	3.05	-	75
AGP-X10-3	4.5	27.5	0.06	0.19	0.40	0.76	1.45	2.21	3.49	5.55	90
	5.0	30.0	0.05	0.19	0.37	0.66	1.26	2.14	3.45	5.60	93
	6.0	34.5	0.05	0.18	0.35	0.59	1.02	2.10	3.31	5.72	91
AGP-P12-3	1.7	19.0	0.13	0.52	1.22	2.75	-	-	-	-	43
	2.2	22.5	0.08	0.31	0.70	1.33	2.54	-	-	-	58
	3.14	29.0	0.06	0.21	0.45	0.94	1.58	2.40	3.83	6.07	90
	4.0	35.0	0.06	0.20	0.38	0.67	1.26	2.36	3.75	6.57	88

Dimensions(mm)



AGP

AGP Air circuit schematic diagram



◇ Note: 1. Air supply port, 2. Vacuum port, 3. Exhaust port