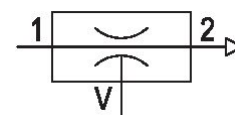


AVENTICS Series EMS Ejectors

The AVENTICS Series EMS features an extremely compact design that can be installed flexibly near the suction points for quick response time and offers high energy efficiency due to its sophisticated nozzle geometry. With the Venturi nozzles connected in Series, they offer an enormous suction capacity with maximum efficiency, covering a wide range of vacuum applications. Depending on the properties of the workpiece being moved, the ejectors are available in two basic versions and three performance categories. The Series EMS multistage injectors are ideal for applications requiring a high flow with a low vacuum.



Technical data

Industry	Industrial
Activation	Pneumatically
Nozzle Ø	1.6 mm
Min. working pressure	2 bar
Max. working pressure	6 bar
Working pressure p.opt.	4 bar
Min. ambient temperature	0 °C
Max. ambient temperature	60 °C
Min. medium temperature	0 °C
Max. medium temperature	60 °C
Medium	Compressed air
Min. oil content of compressed air	0 mg/m ³
Max. oil content of compressed air	1 mg/m ³
Max. particle size	5 µm
Max. suction capacity	308.8 l/min
Air consumption at p.opt.	103 l/min
Max. vacuum level at p.opt	82 %
Weight	0.035 kg
Housing material	Polyamide

Vacuum nozzle

R412026138

Series EMS

2024-03-07

Seal material	Acrylonitrile butadiene rubber
Nozzle material	Brass
Part No.	R412026138

Technical information

Note: All data refers to an ambient pressure of $[[1,013]$ bar] and an ambient temperature of $[[20]^{\circ}\text{C}]$.

The pressure dew point must be at least 15°C less than ambient and medium temperature and may not exceed 3°C .

The oil content of compressed air must remain constant during the life cycle.

