

High performance silencer, Aluminium, G 1 1/2 - Riegler 113311

Item no. RGL-113311

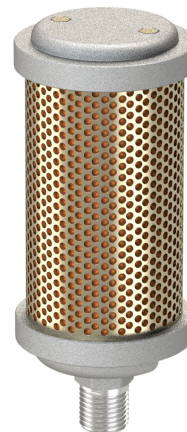
Manufacturer Riegler

EAN 4047322268714

High performance silencer, Aluminium, G 1 1/2

TECHNICAL DATA

Betriebsdruck max [bar]	10.000000
Country of Manufacture	China
Housing material	Aluminium
Material	Perforated sheet steel, zinc-plated
Norm	DIN EN ISO 228-1
Pneumatic connection	G1 1/2 AG
Temperature (max.)	70
Thread	G 1 1/2 AG
Weight	1.703 kg
Zolltarifnummer	84819000



STANDARDS & COMPLIANCE

ISO 228-1

DESCRIPTION

High performance silencer, Aluminium, G 1 1/2, Working pressure 0 - 10 bar, Operating temperature -10 °C to 70 °C

TECHNICAL DATA

Max. operating pressure	10 bar
Min. operating temperature	-10 °C
Max. operating temperature	70 °C
Housing	aluminium
Material	steel zinc plated perforated plane
Noise reduction	≥ 20 dB
Thread	G 1 1/2 ET
a/f	51 mm
L	340.0 mm
H	133.5 mm

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Flow rate at 6 bar

58900 l/min

Muffling material

Cotton cloth inlay

STANDARDS AND ORIGIN

- Customs tariff number: 84819000
- Country of origin: CN

ABOUT SILENCERS

Silencers sit on the exhaust port of a valve and cut the noise made by escaping compressed air. The group runs from M5 up to G 2 male and covers operating pressures up to 20 bar.

WHAT MATTERS WHEN CHOOSING

- The thread follows the exhaust port of the valve. M5, parallel threads from G 1/8 to G 2 male and tapered R 1/8 and R 1/4 male are available.
- The damping material sets the design and how easily the part can be cleaned. Sintered bronze is the compact basic version, perforated galvanised steel sheet and perforated sheet with polyester felt discs make up the high performance range, and stainless steel 1.4401 is there for corrosive surroundings.
- The housing is a choice between aluminium, galvanised sheet steel and POM, depending on how much weight and mechanical load the mounting point can take.
- On the small sizes there is a hexagonal version and a slotted one, which comes down to whether a spanner or a screwdriver is used for fitting.
- Operating temperature starts between -20 °C and 5 °C and ends between 70 °C and 600 °C depending on type. For hot exhaust air the figure of the specific item is what decides.

TYPICAL APPLICATIONS

- Exhaust ports on directional valves and valve terminals
- Venting cylinders where the exhaust noise is a nuisance at the workplace
- Shut-off and venting valves in air preparation units
- Cycling assembly lines where every stroke produces an exhaust pulse
- Applications with hot exhaust air, served by the versions with a high temperature limit

Part of the thread range is made to DIN EN ISO 228-1. Materials used are sintered bronze, galvanised perforated sheet, polyester felt and stainless steel 1.4401, with housings in aluminium, galvanised sheet steel or POM.