

Service unit 2-part »variobloc« with PC container, Size 1, G 3/8 - Riegler 100718

Item no. RGL-100718

Manufacturer Riegler

EAN 4047322170222

Service unit 2-part »variobloc« with PC container, Size 1, G 3/8

TECHNICAL DATA

Condensate drain	Manually
Control range max. [bar]	10
Country of Manufacture	Germany
Filter grade [µm]	40
Flow rate [l/min]	1800
Housing material	Die-cast zinc
Inlet pressure max. [bar]	16
Material	Die-cast zinc
Pneumatic connection	G3/8
Seal material	NBR
Series	variobloc
Size BG	1
Thread	G 3/8
Weight	0.722 kg
Zolltarifnummer	84811005



DESCRIPTION

Service unit 2-part »variobloc« with PC container, Size 1, G 3/8, Input pressure max. 16 bar, Medium / ambient temp. max. 50 °C Two-piece service units consisting of a reversible diaphragm pressure regulator, independent of inlet pressure, with self-relieving design, combined with a centrifugal separator and a proportional lubricator. Approved series in modern industrial design, with the following key benefits: - Simple handling - Convenient modular assembly thanks to innovative fasteners - Excellent flow values

TECHNICAL DATA

Thread	G 3/8
Size	1
Housing	die-cast zinc
Sealant	NBR
Diaphragms	NBR
Filter rating	40 µm
Sight dome	PA

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Max. medium temperature	50 °C
Max. ambient temperature	50 °C
Spring bonnet	POM
Condensate drain	manual
Min. control range	0.5 bar
Max. control range	10 bar
Pressure gauge display min.	0 bar
Pressure gauge display max.	10 bar
Flow rate	1800 l/min
Max. input pressure	16 bar
Bowl	polycarbonate container
A	96.0 mm
B	203.0 mm
C	68.0 mm
Series	variobloc
Flow rate measurement	at P1 = 10 bar, P2 = 6 bar and pressure drop $\Delta p = 1$ bar

STANDARDS AND ORIGIN

- Customs tariff number: 84811005
- Country of origin: DE

ABOUT SERVICE SYSTEMS MULTI-PART

Multi-part air preparation units combine filter, regulator and lubricator in one assembly and condition the compressed air right before the machine. The range filters from 5 to 40 μm , regulates to end pressures between 1 and 16 bar and handles flow rates from 300 to 13500 l/min.

WHAT MATTERS WHEN CHOOSING

- Flow rate from 300 to 13500 l/min: size it to the machine's real air demand, otherwise pressure collapses on load peaks.
- Filter rating between 5 and 40 μm : coarser elements last longer, finer ones give valves and cylinders better protection.
- Control range: lower limits fall between 0 and 2.5 bar, upper limits between 1 and 16 bar. Keep the working pressure away from the edge of the range you choose.
- Condensate drain, manual, semi-automatic (RMSA) or fully automatic (RA, also the version closed when depressurised): automatic drains pay off where access is poor or condensate loads are high.
- Port size from G 1/8 to G 1 1/2 and body size BG: both have to suit line size and flow. Maximum inlet pressure runs between 10 and 25 bar depending on version.

TYPICAL APPLICATIONS

- Central conditioning at the air inlet of a machine or cell

- Supply for air tools at assembly workstations
- Lubrication of impact tools and air motors through the lubricator stage
- Preparing control air for valve manifolds and pneumatic controls
- Separate pressure levels for individual sections of a production line

The intended media are compressed air and neutral gases, seals are NBR. Bodies range from technopolymer and PA66 GF60 through zinc die-cast to aluminium die-cast, and the 801 items are spread across the FUTURA, SYNTESI, multifix, variobloc, GA, ONE and Standard series including their mini versions.

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Page 3/3