Cyclone separator 3" 47500 l/min 16 bar ISO 8573-1

45139

Product details

EAN	8712418036084
Brand	Airpress
GPSR Airpress	Airpress Polska Sp. z o.o.
Weight	14.1 kg
Height	801 mm (8.01 dm)
Diameter (mm)	242
SKU	45139
Series	Cyclone separator
Housing material	Aluminium
Element material	pa6 30% glass fibre, ste
Air connection (")	3
Working pressure (bar)	0-16
Maximum pressure (bar)	16
Minimum ambient temperature (°C)	1.5
Maximum ambient temperature (°C)	65
Filter type	Prefilter
Air flow rate (L/min)	47500

Description

Cyclone separator 3" 47500 l/min 16 bar ISO 8573-1
The cyclone separator is used for draining water-oil condensate from compressed air. Its basic components are: casing, centrifugal separator, separating cover, and condensate drain. When compressed air enters the separator, it then goes to the centrifugal separator, which induces a swirling motion in the flowing air. During the swirling of the air, the condensate is pushed against the walls of the separator, from where it flows into the condensate drain and is expelled from the system.
Technical specification
Certification: Meets ISO 8573-1 standards
The separator consists of: casing, centrifugal separator, separating cover, and condensate drain.
Replaceable filtering element: The separator has a removable and replaceable filtering element
The separator does not have a built-in pressure reduction mechanism or a sensor to detect the distance or position of air flow
Working pressure: 0-16 bar

Property	Value
SKU	45139

Property	Value
Air flow (l/min)	
Connection	3"
Max. pressure (bar)	16
Ambient temperature range (°C)	1.5 - 65
Height (mm)	801
Diameter (mm)	242
Weight (kg)	14.1

SKU	Air flow (l/min)	Connection	Max. pressure (bar)	Ambient temperature range (°C)	Height (mm)	Diameter (mm)	Weight (kg)
45139		3"	16	1.5 - 65	801	242	14.1

Materials

Casing: Aluminium (housing), mounting elements: brass, galvanised brass, and steel; cover: ABS, seal: NBR

Cyclone element: PA6 30% glass fibre, steel

External protection: Powder coating (epoxy-polyester based)

Note! The indicator is an optional extra and is not included in the standard set.

The following types of filters and microfilters are available in Airpress's offer

Type	Description
P	Pre-filters, filtration degree 3 µm.
R	Pre-filters, filtration degree 1 µm.
M	Microfilter 0.1 µm, oil residue ≤ 0.1 mg/m³.
S	Microfilter 0.01 µm, oil residue ≤ 0.01 mg/m³.
A	Activated carbon cartridge 0.01 µm, oil ≤ 0.005 mg/m³.
A2	Molecular sieve cartridge, 0.01 µm, oil < 0.005 mg/m³, class 0/1 ISO 8573-1.

Code	Type	Filtration degree	Oil residue	ISO 8573-1 class
P	Pre-filter	3 µm	–	–
R	Pre-filter	1 µm	–	–
M	Microfilter	0.1 µm	≤ 0.1 mg/m³	–
S	Microfilter	0.01 µm	≤ 0.01 mg/m³	–
A	Activated carbon	0.01 µm	≤ 0.005 mg/m³	–
A2	Molecular sieve	0.01 µm	< 0.005 mg/m³	0 / 1

Our offer includes filters with various filtration classes, tailored to the specific air quality requirements in compressed air systems.