Cyclone separator 1" 6085 l/min 16 bar ISO 8573-1

45133

Product details

EAN	8712418341973
Brand	Airpress
GPSR Airpress	Airpress Polska Sp. z o.o.
Weight	3.22 kg
Gross weight	3.22 kg
Length	140 mm (1.4 dm)
Width	135 mm (1.35 dm)
Height	510 mm (5.1 dm)
Diameter (mm)	125
SKU	45133
Series	Cyclone separator
Housing material	Aluminium
Element material	pa6 30% glass fibre, ste
Replaceable cartridge	Yes
Distance sensor	No
Pressure reducer	No
Air connection (")	1
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)	6085
Air flow rate (m3/h)	365

Description

Cyclone separator 1" 6085 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	45133
Air flow (l/min)	365
Connection	1"
Max. pressure (bar)	16
Ambient temperature range (°C)	1.5 - 65
Height (mm)	510
Diameter (mm)	125
Weight (kg)	3.22

SKU	Air flow (l/min)	Connection	Max. pressure (bar)	Ambient temperature range (°C)	Height (mm)	Diameter (mm)	Weight (kg)
45133	365	1"	16	1.5 - 65	510	125	3.22

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.