

Datasheet

Breathing protection hood Bariline HH



With Safety.

Designation: Basic appliance Bariline HH with control valve RVD and hood cover made of Barichem
Personal protective equipment for insulating respiratory protection

Description: The basic unit in accordance with EN 14594 Class 3B consists of:

- SCHUBERTH EuroGuard 6 industrial safety helmet with ratchet headband,
- air supply with slot helmet attachment,
- breathing hose with silencer and AK 5 plug-in nipple,
- Disposable chemical protection hood as a cover made of Barichem, white,
- Glued seams,
- 0.5 mm viewing window made of cellulose acetate (CA),
- RVD 039W control valve with medium pressure warning whistle < 3 bar,
- AK 5 coupling and stainless steel plug nipple for breathing air coupling AK2,
- Stainless steel strain relief,
- Lanyard made from fabric strap with plastic buckle



Article-Number: 200671

Application: From the compressed air supply with pressure reducer, the breathing air reaches the control valve via the compressed air supply hose (DZS 9). The individually adjustable air volume is fed into the hood via the pre-silencer and the breathing hose and exits through a noise reducer above the head/helmet in the hood. In addition to reducing the noise level, this noise reducer ensures that the breathing air is distributed almost draught-free.

Standards:	DIN EN 397	Industrial safety helmets
	DIN EN 166	Personal eye protection
	DIN EN 14594	Respiratory protective devices - Compressed air Hose devices with continuous air flow

Revision 08.2026 – Errors and omissions excepted. All data are non-binding guide values.

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Technical Specifications

Note / Warning:

The dynamic supply pressure refers to the pressure indicated on the pressure gauge of the air supply source while the supplied-air respirator is in operation. To ensure that the minimum required supply pressure is safely maintained during operation, the pressure must be set to a static pressure approximately 0.5 bar higher before connecting the device.

Minimum supply pressure for a 20 m compressed-air supply hose: > 3.0 bar dynamic
(corresponds to approx. 3.5 bar static – see note)

Minimum supply pressure for 25 m to 50 m compressed-air supply hoses: > 3.5 bar dynamic
(corresponds to approx. 4.0 bar static – see note)

Minimum airflow: 175 l/min
Maximum supply pressure: < 4.0 bar dynamic
(corresponds to approx. 4.5 bar static – see note)

Maximum resulting airflow with the flow control valve open and at maximum supply pressure: > 300 l/min

The minimum length of the compressed-air supply hose: must not be less than 20 m

The maximum length of the compressed-air supply hose, including a maximum of three individual hoses connected in series: must not exceed 50 m

Compressed-air supply hose with RFID transponder – optional:

Passive, read-only, high-frequency (HF), 13.56 MHz

Maximum static overpressure of the compressed-air supply hose: 10 bar

Maximum static overpressure of the compressed-air supply hose: 15 bar

Minimum sound pressure level with flow control valve closed (3.0 bar dynamic): approx. 74 dB(A)

Maximum sound pressure level with flow control valve open (5.0 bar dynamic): < 80 dB(A)

Storage temperature: -15 °C to +55 °C

Operating temperature: -10 °C to +40 °C

Warning Device

Audible warning signal (continuous tone): > 90 dB(A)

Low-pressure warning: < 3.0 bar dynamic

Warning reset when pressure rises again: > 3.0 bar dynamic

Total weight: approx. 1.3 kg

Hood with helmet: approx. 750 g

Hood cover: approx. 250 g

Flow control valve with waist belt: approx. 300 g

Classification

EN 14594:2018, Class 3B with hood (see ordering information)

The supplied-air respirator may be used in atmospheres containing contaminants at concentrations of up to 100 times the occupational exposure limit (OEL) (protection level 100) in accordance with DGUV Rule 112-190 (11/2021 edition), Section 3.3.

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Order details

Description	Note	Art.-Nr.
Basic unit BARILINE HH	Helmet, air supply, Barichem hood cover, with RVD 040W, BRK quick-connect plug and waist belt	203435
Basic unit BARILINE HH	Helmet, air supply, Barichem hood cover, with RVD 040W, AK2 quick-connect plug and waist belt	203436
Basic unit BARILINE HH	Without hood cover, with RVD 040W, BRK quick-connect plug and waist belt	203437
Flow control valve RVD 040W-BRK	With BRK quick-connect plug and intermediate-pressure warning whistle	203275
Flow control valve RVD 040W-AK2	With AK2 quick-connect plug and intermediate-pressure warning whistle	203313
Barichem hood cover	Made of Barichem material, with visor, without hose protection (pack of 5)	201986
Barichem hood cover	Made of Barichem material, with visor, with hose protection (pack of 5)	203813
DZS 9 BRK	20 m compressed-air supply hose, DZS 9 BRK coupling / BRK quick-connect plug	941173
DZS 9 AK2	20 m compressed-air supply hose, DZS 9 AK2 coupling / AK2 quick-connect plug	941117
DZS 9 RFID BRK	20 m compressed-air supply hose, DZS 9 BRK coupling / BRK RFID quick-connect plug	203531
DZS 9 RFID AK2	20 m compressed-air supply hose, DZS 9 AK2 coupling / AK2 RFID quick-connect plug	203525
<i>(Additional hose lengths available on request)</i>		
Dust protection cap	for quick-connect plug on flow control valve Pack of 10	100852
Dust protection cap	for coupling on flow control valve Pack of 10	100853
Waist belt	Black polypropylene (PP) webbing with heavy-duty buckle, 140 cm long	840609

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