

Datasheet

Compressed air line breathing apparatus Bariline PW



With Safety.

Designation: Basic unit Bariline PW with RVD 039W and waist belt
Personal protective equipment for insulating respiratory protection

Description: The basic unit with control valve and warning whistle according to EN 14594, consists of:

- Circular threaded connection in accordance with EN 148-1 with excess pressure valve,
- rotatable medium pressure hose,
- RVD 039W control valve with medium pressure warning whistle < 3 bar,
- Stainless steel plug nipple for breathing air coupling,
- Stainless steel strain relief,
- Lanyard made from fabric strap with plastic buckle

Article-Number: 200669

Application: The BARILINE PW airline breathing apparatus with control valve works independently of the ambient atmosphere and supplies the wearer with a constant flow of breathing air via a breathing hose and a suitable breathing connection (full face mask). They are mainly used when normal filter breathing protection is no longer sufficient in contaminated or low-oxygen ambient atmospheres or when exhausted filters have to be replaced too frequently during long-term use (cost-effectiveness!).

Standards:	DIN EN 148-1	Respiratory protective devices - Threads for Breathing connections - Round thread connection
	DIN EN 14594	Respiratory protective devices - Compressed air line breathing apparatus 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 operating supply pressure is safely maintained, the pressure must be set to a static pressure approximately 0.5 bar higher before connecting the device.

Minimum supply pressure for 5 m to 20 m compressed-air supply hoses: (corresponds to approx. 3.5 bar static – see note)	> 3.0 bar dynamic
Minimum supply pressure for 25 m to 50 m compressed-air supply hoses: (corresponds to approx. 4.0 bar static – see note)	> 3.5 bar dynamic
Minimum airflow:	160 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 fully open and at maximum supply pressure:	> 300 l/min
Weight (without facepiece):	approx. 845 g
Sound pressure level (3.5 bar + 0.5 bar, flow control valve closed/open):	< 80 dB(A)
Maximum working pressure of the compressed-air supply hose (static):	10 bar
Maximum static overpressure of the compressed-air supply hose:	15 bar
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
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:	> 3.5 bar dynamic

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Classification:

EN 14594:2018, Class 4B, when used with a full-face mask in accordance with DIN EN 136 (see ordering information). The supplied-air respirator may be used in atmospheres containing contaminants at concentrations of up to 1,000 times the occupational exposure limit (OEL) (protection level 1,000) in accordance with DGUV Rule 112-190 (11/2021 edition), Section 3.3.

Order details

Description	Note	Art.-Nr.
Basic unit BariLine PW with RVD 040W	with BRK quick-connect plug and waist belt	203429
Basic unit BariLine PW with RVD 040W	with AK2 quick-connect plug and waist belt	203430
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
Excess-air valve BARILINE PW	complete with AK5 quick-connect plug	203438
Full-face mask BRK820	with round-thread connection in accordance with DIN EN 148-1	111200
Full-face mask MSA 3S	with round-thread connection in accordance with DIN EN 148-1	111303
DZS 9 BRK	BRK coupling / BRK quick-connect plug, 10 m	941161
DZS 9 AK2	AK2 coupling / AK2 quick-connect plug, 10 m	941115
DZS 9 RFID BRK	BRK coupling / BRK RFID quick-connect plug, 10 m	203432
DZS 9 RFID AK2	AK2 coupling / AK2 RFID quick-connect plug, 10 m	203433
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
Protective cap	for round-thread connection Rd40 × 1/7" Pack of 10	203439
Waist belt	Black polypropylene (PP) webbing with heavy-duty buckle, 140 cm long	840609

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