POSEIDON Edition
BAUER KOMPRESSOREN

PE 100

COMPRESSOR FOR SPORTS & SAFETY APPLICATIONS

80 1946 – 2026 BAUER KOMPRESSOREN

PE 100

RUGGED TECHNOLOGY – COMPACT FOOTPRINT

Ruggedness, reliability, a wide range of applications and compact portability are all features of the PE 100.

Its range of applications is virtually unlimited. Available in three drive types with petrol engine, three-phase or single-phase AC motor, it is ideal for many uses, such as a breathing air compressor for diving groups or fire fighters or for rapid filling of cartridges for sports shooting or paintball cylinders.

The PE 100-TW sports shooting version has a non-bleed filling valve including adapter for filling cartridges and was designed specifically for sports shooting applications.

In the version with petrol engine, the PE 100 can be operated without an external power source in even the most remote locations. In the single-phase AC motor version, it can be powered from a household power supply.

- **100 l/min**
- **225 or 330 bar**
- **2.2 kW (4.2 kW petrol version)**
- **Available with three-phase motor, single-phase AC motor or petrol engine**

PE 100, 300 bar model

FEATURES

- **Compact, low-weight system, easily transportable**
- **The P 11 purification system designed especially for the PE 100 supplies pure breathing air in compliance with DIN EN 12021:2014[1]**
- **Many possible applications**

FOR ANYONE THAT WANTS TO RELY ON PURE, SAFE BREATHING AIR IN MOBILE APPLICATIONS.

OPTIONAL FEATURES

- Motor protection switch for PE 100-TE
- Intake telescope (standard with PE 100-TB) or intake manifold for attaching a suction hose

1 Based on due maintenance and installation of the system in accordance with the operating manual and only where CO_2 concentrations in intake air do not exceed the predefined standard values. Local TLVs are not considered.

TECHNICAL DATA

Type	Charging Rate [1]		Operating Pressure max.		Purification System	Number of Stages	Speed	Drive and Motor Power		Net Weight approx.	Dimensions L x W x H
	l/min	cfm	bar	psig			rpm	Motor	kW	kg	cm
PE 100-TB	100	3.5	330	4780	P 11	3	2,300	Petrol engine 4-stroke	4.2	44	77 x 35 x 43
PE 100-TE	100	3.5	330	4780	P 11	3	2,300	Three-phase 400 V, 50 Hz	2.2	47	67 x 37 x 43
PE 100-TW	100	3.5	330	4780	P 11	3	2,300	Single-phase 230 V, 50 Hz [3,4]	2.2	49	67 x 38 x 43
PE 100-TW[2] Sports Shooting Version	100	3.5	330	4780	P 11	3	2,300	Single-phase 230 V, 50 Hz [2]	2.2	49	68 x 38 x 43

1 Measured by tank filling (10 l) from 0 - 200 bar / 2900 psig, ± 5%.

2 Filling valve without automatic vent including adapter for connecting adapters cartridges.

3 Plug dimension: Schuko plug. Plug only for units with 230 V / 50 Hz.

4 With integrated motor protection switch (only for 220/230/240 V).

ARE YOU INTERESTED IN OUR PRODUCTS?

CONTACT US – WE ARE HAPPY TO PROVIDE INFORMATION AND ASSISTANCE.

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