

Dräger BAC 100 M Mobile Compressor

Are you looking for a compressor which can be used for the occasional filling of compressed air cylinders and which offers the required flexibility for immediate on-site use? Or do you need a spare compressor as a backup in the event that your stationary system should temporarily fail? Then the mobile BAC 100 M is the reliable and high-quality solution to meet your requirements.



Benefits

Maximum durability down to the last detail

The Dräger BAC 100 M is characterised by an extremely long service life. Even after long operating hours its hardened cylinder liners show almost no wear. The cylinders themselves are directly moulded to the block so that any heat generated is optimally dissipated and leaks are avoided. Finned-tube cooling coils also provide highly efficient cooling to counteract heat-induced material wear.

Equipped for endurance

Even at full capacity the duration of use of the BAC 100 M is not limited in any way. It can be used for many hours without cooling-down periods. This means that large cylinders can be filled easily.

Simple and safe to use

All of the BAC 100 M control elements are easy to reach and the filling valves are designed for convenient use. To ensure efficient operation even after lengthy periods of non-use, a Quick Guide and maintenance instructions have been attached directly to the device. This makes it possible to immediately see when the filter cartridge and the compressor oil were replaced.

Compact for easier transport

The Dräger BAC 100 M is easy to store and transport. The projecting and therefore sensitive filling valves are secured in parking sockets during storage and transportation. Contamination and damage to the filling valves is thus reduced to a minimum.

Further features:

- Production of breathing air according to DIN EN 12021
- All standard voltages and frequencies on land and on ships available
- Protective frame with wheels and handle (optional)
- Automatic condensate drain (optional)
- Integrated operating hours counter (optional)
- 2 pressure ranges (200 and 300 bar switch-over device) (optional)

Technical Data

Dräger BAC 100 mobile (3-phase/rotary current or 1-phase/alternating current)

Dimensions (W x H x D)	390 x 400 x 650 mm
Weight	39 kg
Delivery capacity	100 l/min
Maximum pressure	330 bar (limited by final pressure safety valve)
Compressor speed	2300 rpm
Number of pressure levels/cylinders	3/3
Type of drive motor	3-phase electric motor 400 V / 50/60 Hz 1-phase electric motor 230 V / 50 Hz
Drive power	2.2 kW
Cooling air requirement	660 Nm ³ /h
Air outlet temperature	5 °C above ambient temperature
Breathing air processing capacity	108 m ³ (at +20 °C)
Noise during operation	82 dB (at a distance of 1 m)

Ordering Information

3-phase/rotary current

400 V / 50 Hz	Compressor BAC 100 PN 225 bar	65 37 620
	Compressor BAC 100 PN 330 bar	65 37 621
	Compressor BAC 100 PN 225/330 bar	65 37 622
440 V / 50 Hz	Compressor BAC 100 PN 225 bar	65 37 623
	Compressor BAC 100 PN 330 bar	65 37 624
	Compressor BAC 100 PN 225/330 bar	65 37 625
380 V / 50 Hz	Compressor BAC 100 PN 225 bar	65 37 626
	Compressor BAC 100 PN 330 bar	65 37 627
	Compressor BAC 100 PN 225/330 bar	65 37 628
230 V / 50 Hz	Compressor BAC 100 PN 225 bar	65 37 629
	Compressor BAC 100 PN 330 bar	65 37 630
	Compressor BAC 100 PN 225/330 bar	65 37 631
400 V / 60 Hz	Compressor BAC 100 PN 225 bar	65 37 632
	Compressor BAC 100 PN 330 bar	65 37 633
	Compressor BAC 100 PN 225/330 bar	65 37 634
440 V / 60 Hz	Compressor BAC 100 PN 225 bar	65 37 635
	Compressor BAC 100 PN 330 bar	65 37 636
	Compressor BAC 100 PN 225/330 bar	65 37 637
380 V / 60 Hz	Compressor BAC 100 PN 225 bar	65 37 638
	Compressor BAC 100 PN 330 bar	65 37 639
	Compressor BAC 100 PN 225/330 bar	65 37 640
230 V / 60 Hz	Compressor BAC 100 PN 225 bar	65 37 641
	Compressor BAC 100 PN 330 bar	65 37 642
	Compressor BAC 100 PN 225/330 bar	65 37 643

1-phase/alternating current

230 V / 50 Hz	Compressor BAC 100 PN 225 bar	65 37 644
	Compressor BAC 100 PN 330 bar	65 37 645
	Compressor BAC 100 PN 225/330 bar	65 37 646
230 V / 60 Hz	Compressor BAC 100 PN 225 bar	65 37 647
	Compressor BAC 100 PN 330 bar	65 37 648
	Compressor BAC 100 PN 225/330 bar	65 37 649

Ordering Information

Accessories/options

Additional filling hose	65 98 782
200 / 300 bar switch-over device with additional filling hose	65 98 783
3-phase motor circuit breaker	65 98 784
1-phase motor circuit breaker	65 98 785
Automatic shut down when final pressure is reached and operating hours counter	65 98 786
3-phase automatic condensate drain	65 98 787
1-phase automatic condensate drain	65 98 788
Protective frame with wheels for transport	65 98 789

Included in the delivery

3-stage, 3 cylinders, connection cable and 16A CEE plug, start/stop switch, 2 oil/water separators, intercooler, safety valve after each stage, pressure relief valve and non-return valve

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