

## High Pressure Storage System B80

Modular and easy to expansion high pressure storage system for storage of air and gases.



2 × B80

### TECHNICAL SPECIFICATION

Technical Data	B80
Numbers of storage cylinders:	1
Storage medium:	Air, Nitrogen, Rare Gas (medium group 2)
Geometric volume cylinder:	80 litre
Geometric volume storage	80 litre
Safety valve max.:	330 bar
Storage pressure max.:	320 bar
Weight approx.:	160 kg
Dimension (w/o safety valve) [W × H × D]	340 × 2107 × 325 mm
Design according to:	PED 2014/68/EU

### SCOPE OF DELIVERY

➤ **HP storage cylinder on console**

Storage cylinder(s) upright, mounted on console, connection at bottom, shut-off valve and condensate drain valve.

Option: safety valve with pressure gauge

Option from two storage cylinders: Connection tube (required for each additional storage cylinder)

# High-pressure Storage System

Air & Gas

➤ **HP storage cylinder with wall mounting (B 80)**

Storage cylinder(s) upright, clamp for wall mounting, connection at top, shut-off valve. Without condensate drain valve.

Option from two storage cylinders: Connection tube (required for each additional storage cylinder)

➤ **HP storage cylinder loose (B 80)**

Storage cylinder(s) upright, connection at top, shut-off valve. Without condensate drain valve.

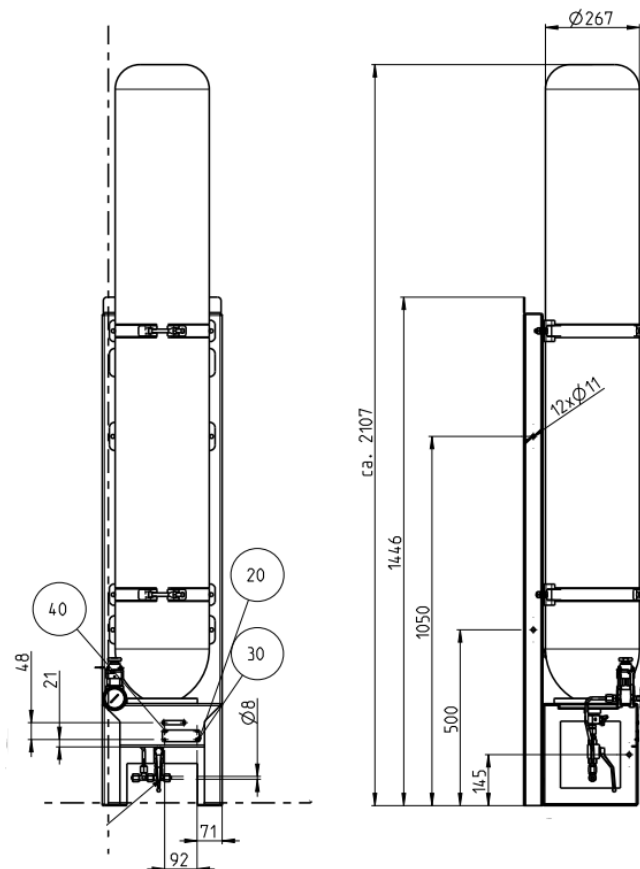
Option from two storage cylinders: Connection tube (required for each additional storage cylinder)

**COLOUR**

- Console and storage cylinder: console RAL 7024 (grey), cylinder RAL 9010 (white)

**DOCUMENTATION**

- Instruction manual with spare parts-list in German, English or French, CE declaration of conformity, EU-pressure vessel certification



*B80 - flexible installation on console, modular extendable*

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Air & Gas

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### CERTIFICATE ACCORDING TO MODULE H1 (DIRECTIVE PED 2014/68/EU)

- Our Storage systems B50 and B80 are supplied with certificate according to module H1 (directive PED 2014/68/EU), eliminating the need to obtain individual TÜV approval. The safety valve setting does not require acceptance by TÜV. The storage units can be combined as required.
- Multiple storage units without a safety valve do not constitute an assembly within the meaning of the Pressure Equipment Directive and are supplied with a manufacturer's declaration instead of CE declaration.

### FOLLOWING IS REQUIRED FOR COMPRESSOR WITH STORAGE ON COMMON FRAME

#### Compressor

- Base frame (add. price)
- Individual TÜV approval for complete unit (INSP2) (add. price)
- TÜV-approval for safety valve compressor  
(Included in price of INSP2)

#### Storage cylinder with safety valve

- TÜV-approval safety valve storage  
(Included in price of INSP2)

### TECHNICAL INFORMATION

The pressure vessels comply with the German regulations for stationary installation and fulfil the PED2014/68/EC for gases group 2 (air, nitrogen, inert gases).