

PRESSURE VESSEL ARRAYS



Pressure vessel arrays - for up to 400 litres of additional air supply

Maximum pressure vessel content on the smallest possible footprint – the space-saving solution

- ▶ Pressure vessel arrays available as 2x and 4x arrays
- ▶ All pressure vessel arrays available as a 13 bar variant with 75 l containers
- ▶ Helps to cover short-term peaks in compressed air requirements

- ▶ Enabling the second compressed air vessel doubles the pressure vessel volume, thus creating a greater compressed air reserve
- ▶ If required, individual compressed air vessels can be shut-off from the compressed air supply using ball valves; this decreases the volume of the pressure vessel, thus building up the pressure faster.

ZÜS approved compressor

- ▶ Approval by an authorised expert also possible prior to commissioning
- ▶ Interior and exterior of compressed air tank hot-dip galvanised; **15-year warranty against corrosion perforation of the tank**
- ▶ All pressure vessel arrays can be easily moved with a pallet truck

The air reserve of a compressor with a 100 l pressure vessel is expandable up to 500 l using Aircraft pressure vessel arrays.



AIRPROFI 853/100/10 H

- ▶ Fig. shows options
- ▶ Connected via an optional flexible armoured hose to a dual pressure vessel array KB 2x100/10
- ▶ Pressure vessel arrays can be moved easily with a pallet truck



KB 2x75/13

Figure shows standard scope of delivery



KB 4x100/10

Figure shows standard scope of delivery

Model	KB 2x100/10	KB 2x75/13	KB 4x100/10	KB 4x75/13
Article no.	2502102	2502132	2502104	2502134
Technical specifications				
Number of vessels	2	2	4	4
Tank capacity	2 x 100 l	2 x 75 l	4 x 100 l	4 x 75 l
Maximum pressure	10 bar	13 bar	10 bar	13 bar
Pressure vessel connection	3/4"	3/4"	3/4"	3/4"
Dimensions (L x W x H)	420 x 900 x 1 510 mm	420 x 900 x 1 480 mm	900 x 900 x 1 510 mm	900 x 900 x 1 480 mm

Connection kit AMD/WOS1

Scope of supply:

AMD, WOS1, all parts for connecting to the respective pressure vessel array, incl. factory assembly no individual shipping possible

Optional equipment ex works	Article no.
Connection kit AMD/WOS1 to KB2 x 100 / KB 2 x 75	2504152
Connection kit AMD/WOS1 to KB4 x 100 / KB 4 x 75	2504153

Connection set BEKOMAT/ÖWAMAT

Scope of supply:

Öwamat 10, Bekomat 31, all parts for connecting to the respective pressure vessel array, incl. factory assembly no individual shipping possible

Optional equipment ex works	Article no.
Connection kit BEKOMAT/ÖWAMAT to KB2x100 / KB2x75	2504150
Connection kit BEKOMAT/ÖWAMAT to KB4x100 / KB4x75	2504151

For important information and our full range of condensate treatment systems, see the Compressed air treatment section.



Fig. shows KB 4x100/10 with accessories:

- (1) Condensate treatment with supply line
- (2) Automatic condensate drain with
- (3) Flexible hoses as supply lines



COMPRESSED AIR VESSELS





AD 2000

200, 270 and 500 l
tanks as per AD 2000

- Maximum test intervals
- Produced according to TÜV data sheet AD 2000
- Approx. 50% saving compared with "Non-AD 2000"
- Inspection by certified surveyor (e.g., TÜV) only required every 5 years

Pressure vessels for your application – Made in Germany

Your benefits at a glance:

- Comprehensive technical consulting
- 50 years' experience
- Exacting quality requirements
- Certified as per DGRL and DIN ISO 9001
- Comprehensive technical documentation
- Sourcing of vessel documents after decades of use
- Long-standing reliable supplier and service provider
- High-performance surface finish
- Standard vessels always available from stock
- Shortest delivery times

Quality and sustainability, a matter of course for us!

- The manufacturer guarantees premium manufacturing through strategic planning, precise investigation and documentation. With our state-of-the-art X-ray system, qualified specialist staff, and wide-ranging pressure, ultrasonic and magnetic powder testing options, we are in a position to monitor the manufacturing process in good time
- The manufacturer is certified in line with DIN EN ISO 9001 and the Pressure Equipment Directive 2014/68/EU, Module H/H1 certified and has thus set up a quality assurance system that goes beyond the requirements of 9001 and HPO
- Safety is our top priority in the manufacturing of pressure vessels. **For this reason, every vessel that we manufacture is implemented with an longitudinal outside weld and a matching longitudinal outside weld**
- We follow a sustainable approach to the use of resources, thus contributing towards keeping our environment clean and intact.



Our standard



Galvanised pressure vessels

- flat/upright
- 50 litres - 10 000 litres
- 11 bar or 16 bar
- -10 °C to +50 °C



The welding procedure makes the difference

- Documented powder welding in a unique process for a safe weld

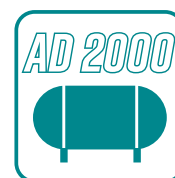


- Standard vessels from 50 litres to 3 000 litres in 11 and 16 bar versions are available for dispatch within two working days.

Compressed air vessels

Compressed air vessels 11 and 16 bar

- ▶ Hot galvanised inside and out
- ▶ Built as per EC Directive 87/404/EEC or PED 97/23/
EC - AD 2000, module: H/H 1
- ▶ Operating conditions as per AD 2000 - S1 (10/2000)
= start-up and ramp-down and 20 % pressure
fluctuation range



Compressed air vessels in line with AD 2000/without fitting set

Upright type

Type	Pressure bar	Tank capacity l	Manual/ Manhole	Art. no.
DB zinc plating 50/11 V	11	50	with plugs	2500618
DB zinc plating 50/16 V	16	50	with plugs	2500818
DB zinc plating 90/11 V	11	90	with plugs	2500620
DB zinc plating 90/16 V	16	90	with plugs	2500820
DB zinc plating 150/11 V	11	150	Recess	2500623
DB zinc plating 150/16 V	16	150	Recess	2500823
DB zinc plating 250/11 V	11	250	Recess	2500625
DB zinc plating 250/16 V	16	250	Recess	2500825
DB zinc plating 500/11 V	11	500	Recess	2500650
DB zinc plating 500/16 V	16	500	Recess	2500850
DB zinc plating 750/11 V	11	750	Recess	2500675
DB zinc plating 750/16 V	16	750	Recess	2500875
DB zinc plating 1000/11 V	11	1,000	Recess	2500680
DB zinc plating 1000/16 V	16	1,000	Recess	2500880
DB zinc plating 2000/11 V	11	2 000	Recess	2500700
DB zinc plating 2000/16 V	16	2 000	Recess	2500900
DB zinc plating 3000/11 V	11	3 000	Recess	2500710
DB zinc plating 3000/16 V	16	3 000	Recess	2500910
DB zinc plating 5000/11 V	11	5 000	Manhole	2500730
DB zinc plating 5000/16 V	16	5 000	Manhole	2500930

Horizontal type

Type	Pressure bar	Tank capacity l	Manual/ Manhole	Art. no.
DB zinc plating 50/11 H	11	50	with plugs	2500619
DB zinc plating 50/16 H	16	50	with plugs	2500819
DB zinc plating 90/11 H	11	90	with plugs	2500622
DB zinc plating 90/16 H	16	90	with plugs	2500822
DB zinc plating 150/11 H	11	150	with plugs	2500624
DB zinc plating 150/16 H	16	150	with plugs	2500824
DB zinc plating 250/11 H	11	250	Recess	2500626
DB zinc plating 250/16 H	16	250	Recess	2500826
DB zinc plating 500/11 H	11	500	Recess	2500651
DB zinc plating 500/16 H	16	500	Recess	2500851
DB zinc plating 750/11 H	11	750	Recess	2500676
DB zinc plating 750/16 H	16	750	Recess	2500876
DB zinc plating 1000/11 H	11	1 000	2 x recess	2500681
DB zinc plating 1000/16 H	16	1 000	2 x recess	2500881
DB zinc plating 2000/11 H	11	2 000	2 x recess	2500701
DB zinc plating 2000/16 H	16	2 000	2 x recess	2500901
DB zinc plating 5000/11 H	11	5 000	Manhole	2500731
DB zinc plating 5000/16 H	16	5 000	Manhole	2500931



Basic fitting set

Basic fitting set 1/2" up to 750 l. 11 bar

- 1x three-way ball valve 1/2" with flange 60x25x10 (ASFIG34MS12)
- 1x normal pressure ball valve 1/2" brass (H1502004000)
- 1x Manometer T 1/2" 16 bar, set to 11 bar (WW9022619)
- 1x safety valve HSV 1/2", 11 bar (H0620504110)
- 1x elbow 90°, 1/2", galvanized (FF4015889014051)

Use with pres- sure vessel size	Pressure (bar)	Compressed air connection	Art. no.
up to 750 litres	11	1/2"	2500611

Basic fitting set 1/2" up to 750 l. 16 bar

- 1x three-way ball valve 1/2" with flange 60x25x10 (ASFIG34MS12)
- 1x normal pressure ball valve 1/2" brass (H1502004000)
- 1x Manometer T 1/2" 25 bar, set to 16 bar (WW9012605)
- 1x safety valve HSV 1/2", 16 bar (H0620504160)
- 1x elbow 90°, 1/2", galvanized (FF4015889014051)

Use with pres- sure vessel size	Pressure (bar)	Compressed air connection	Art. no.
up to 750 litres	16	1/2"	2500616

Basic fitting set 1" up to 1 000 l. 11 bar

- 1x three-way ball valve 1/2" with flange 60x25x10 (ASFIG34MS12)
- 1x normal pressure ball valve 1" brass (H1502010000)
- 1x Manometer T 1/2" 16 bar, set to 11 bar (WW9022619)
- 1x safety valve HSV 1", 11 bar (H0620510110) NL/min. 1432
- 1x elbow 90°, 1", galvanized (FF4015889014259)

Use with pressure vessel size	Pressure (bar)	Compressed air connection	Art. no.
as of 1 000 litres	11	1"	2500612

Basic fitting set 1" up to 1 000 l. 16 bar

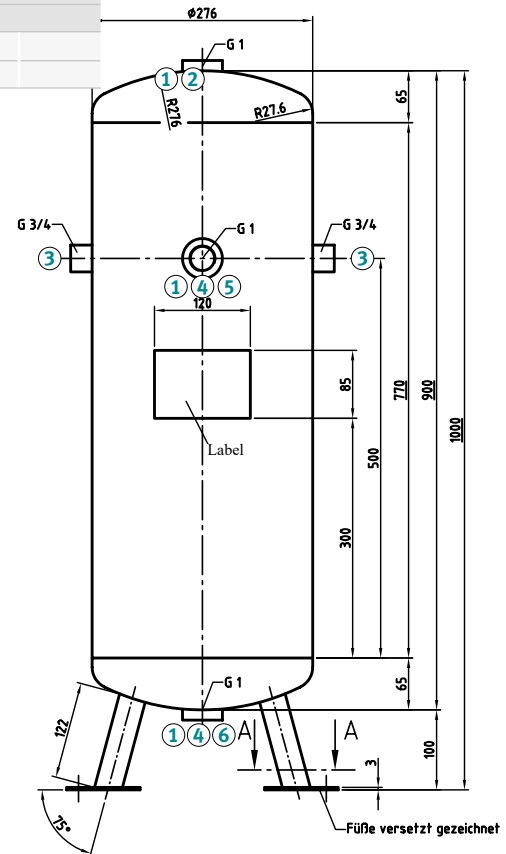
- 1x three-way ball valve 1/2" with flange 60x25x10 (ASFIG34MS12)
- 1x normal pressure ball valve 1" brass (H1502010000)
- 1x Manometer T 1/2" 25 bar, set to 16 bar (WW9012605)
- 1x safety valve HSV 1", 16 bar (H0620510160) NL/min. 2032
- 1x elbow 90°, 1", galvanized (FF4015889014259)

Use with pressure vessel size	Pressure (bar)	Compressed air connection	Art. no.
as of 1 000 litres	16	1"	2500617

Upright type

Type	Pressure	Tank capacity	Manual/ Manhole	weight	Art. no.
	bar	l		kg	
DB zinc plating 50/11 V	11	50	with plugs	about 25	2500618
DB zinc plating 50/16 V	16	50	with plugs	about 25	2500818

50 l upright



DB VZ 50/11 V / DB VZ 50/16 V

Fitting set, complete for DB VZ 50/11 V

Pres- sure	For compressed air vessels	Art. no.
11 bar	50 l upright	2500510
unit	Type	
①	3 Reducing nipple R 1"(OT)-RP 1/2"(IT)	
②	1 Safety valve 1/2" 10 bar	
③	2 Ball valve 3/4" IT/OT	
④	2 Angle 90° 1/2" IT/OT	
⑤	1 Pressure gauge 1/2" 0-16 bar, upright	
⑥	1 Ball valve 1/2" IT/OT	

Fitting set, complete for DB VZ 50/16 V

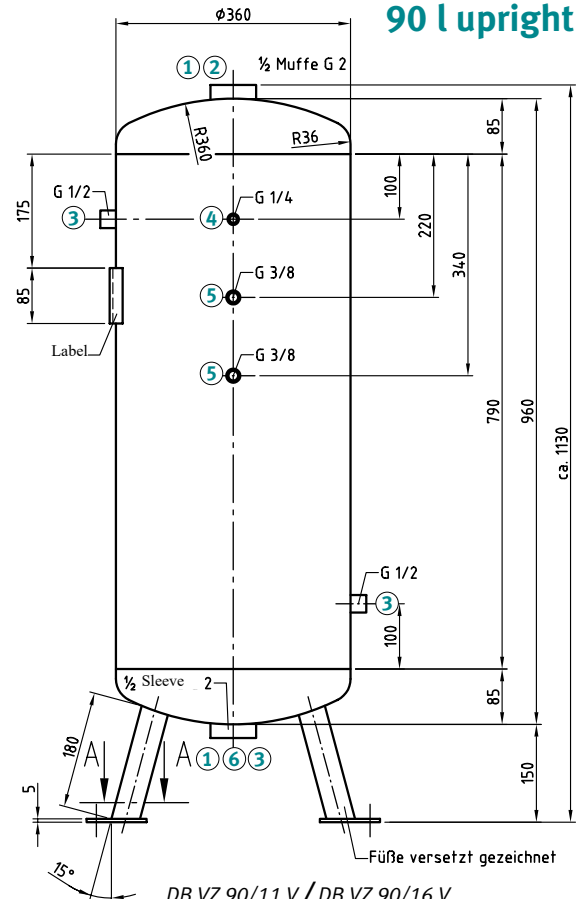
Pres- sure	For compressed air vessels	Art. no.
16 bar	50 l upright	2500511
unit	Type	
①	3 Reducing nipple R 1"(OT)-RP 1/2"(IT)	
②	1 Safety valve 1/2" 15 bar	
③	2 Ball valve 3/4" IT/OT	
④	2 Angle 90° 1/2" IT/OT	
⑤	1 Pressure gauge 1/2" 0-25 bar, upright	
⑥	1 Ball valve 1/2" IT/OT	



Upright type

Type	Pressure	Tank capacity	Manual/ Manhole	weight	Art. no.
	bar	l		kg	
DB zinc plating 90/11 V	11	90	with plugs	about 40	2500620
DB zinc plating 90/16 V	16	90	with plugs	about 40	2500820

90 l upright



DB VZ 90/11 V / DB VZ 90/16 V

Fitting set, complete for DB VZ 90/11 V

Pres- sure	For compressed air vessels	Art. no.
11 bar	90 l upright	2500515
unit	Type	
①	2 Reducing nipple R 2"(OT)-RP 1/2"(IT)	
②	1 Safety valve 1/2" 10 bar	
③	3 Ball valve 1/2" IT/OT	
④	1 Pressure gauge 1/4" 0-16 bar, flat	
⑤	2 Blind plug 3/8"	
⑥	1 Angle 90° 1/2" IT/OT	

Fitting set, complete for DB VZ 90/16 V

Pres- sure	For compressed air vessels	Art. no.
16 bar	90 l upright	2500516
unit	Type	
①	2 Reducing nipple R 2"(OT)-RP 1/2"(IT)	
②	1 Safety valve 1/2" 15 bar	
③	3 Ball valve 1/2" IT/OT	
④	1 Pressure gauge 1/4" 0-25 bar, upright	
⑤	2 Blind plug 3/8"	
⑥	1 Angle 90° 1/2" IT/OT	



Compressed air vessels

Upright type

Type	Pressure bar	Tank capacity l	Manual/ Manhole	weight kg	Art. no.
DB zinc plating 150/11 V	11	150	Recess	about 60	2500623
DB zinc plating 150/16 V	16	150	Recess	about 80	2500823

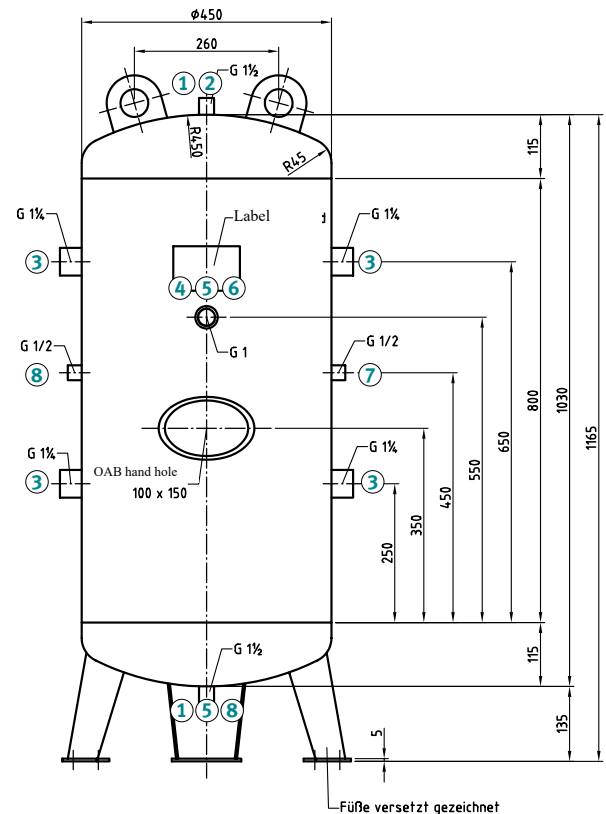
150 l upright

Fitting set, complete for DB VZ 150/11 V

Pres- sure	For compressed air vessels	Art. no.
11 bar	150 l upright	2500520
unit	Type	
①	2 Reducing nipple R 1 1/2" (OT)-RP 1/2" (IT)	
②	1 Safety valve 1/2" 10 bar	
③	4 Blind plug 1 1/4"	
④	1 Reducing nipple R 1" (OT)-RP 1/2" (IT)	
⑤	2 Angle 90° 1/2" IT/OT	
⑥	1 Pressure gauge 1/2" 0-16 bar, upright	
⑦	1 Three-way ball valve 1/2"	
⑧	2 Ball valve 1/2" IT/OT	

Fitting set, complete for DB VZ 150/16 V

Pres- sure	For compressed air vessels	Art. no.
16 bar	150 l upright	2500521
unit	Type	
①	2 Reducing nipple R 1 1/2" (OT)-RP 1/2" (IT)	
②	1 Safety valve 1/2" 15 bar	
③	4 Blind plug 1 1/4"	
④	1 Reducing nipple R 1" (OT)-RP 1/2" (IT)	
⑤	2 Angle 90° 1/2" IT/OT	
⑥	1 Pressure gauge 1/2" 0-25 bar, upright	
⑦	1 Three-way ball valve 1/2"	
⑧	2 Ball valve 1/2" IT/OT	



DB VZ 150/11 V / DB VZ 150/16 V

Upright type

Type	Pressure bar	Tank capacity l	Manual/ Manhole	weight kg	Art. no.
DB zinc plating 250/11 V	11	250	Recess	about 75	2500625
DB zinc plating 250/16 V	16	250	Recess	about 110	2500825

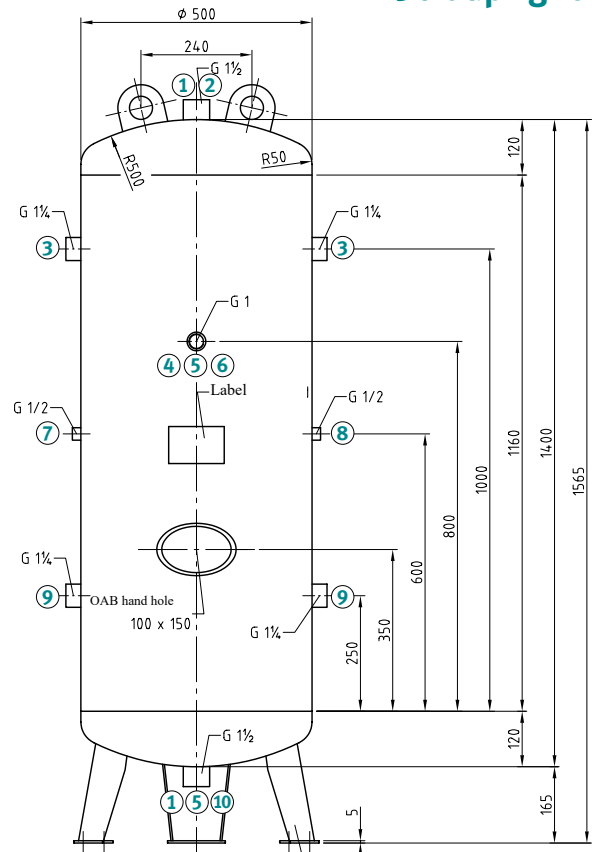
250 l upright

Fitting set, complete for DB VZ 250/11 V

Pres- sure	For compressed air vessels	Art. no.
11 bar	250 l upright	2500525
unit	Type	
①	2 Reducing nipple R 1 1/2" (OT)-RP 1/2" (IT)	
②	1 Safety valve 1/2" 10 bar	
③	2 Blind plug 1 1/4"	
④	1 Reducing nipple R 1" (OT)-RP 1/2" (IT)	
⑤	2 Angle 90° 1/2" IT/OT	
⑥	1 Pressure gauge 1/2" 0-16 bar, upright	
⑦	1 Blind plug 1/2"	
⑧	1 Three-way ball valve 1/2" OT/2xIT	
⑨	2 Ball valve 1 1/4" IT/OT	
⑩	1 Ball valve 1/2" IT/OT	

Fitting set, complete for DB VZ 250/16 V

Pres- sure	For compressed air vessels	Art. no.
16 bar	250 l upright	2500526
unit	Type	
①	2 Reducing nipple R 1 1/2" (OT)-RP 1/2" (IT)	
②	1 Safety valve 1/2" 15 bar	
③	2 Blind plug 1 1/4"	
④	1 Reducing nipple R 1" (OT)-RP 1/2" (IT)	
⑤	2 Angle 90° 1/2" IT/OT	
⑥	1 Pressure gauge 1/2" 0-25 bar, upright	
⑦	1 Blind plug 1/2"	
⑧	1 Three-way ball valve 1/2"	
⑨	2 Ball valve 1 1/4" IT/OT	
⑩	1 Ball valve 1/2" IT/OT	



DB VZ 250/11 V / DB VZ 250/16 V

Upright type

Type	Pressure	Tank capacity	Manual/ Manhole	weight	Art. no.
	bar	l		kg	
DB zinc plating 500/11 V	11	500	Recess	about 120	2500650
DB zinc plating 500/16 V	16	500	Recess	about 180	2500850

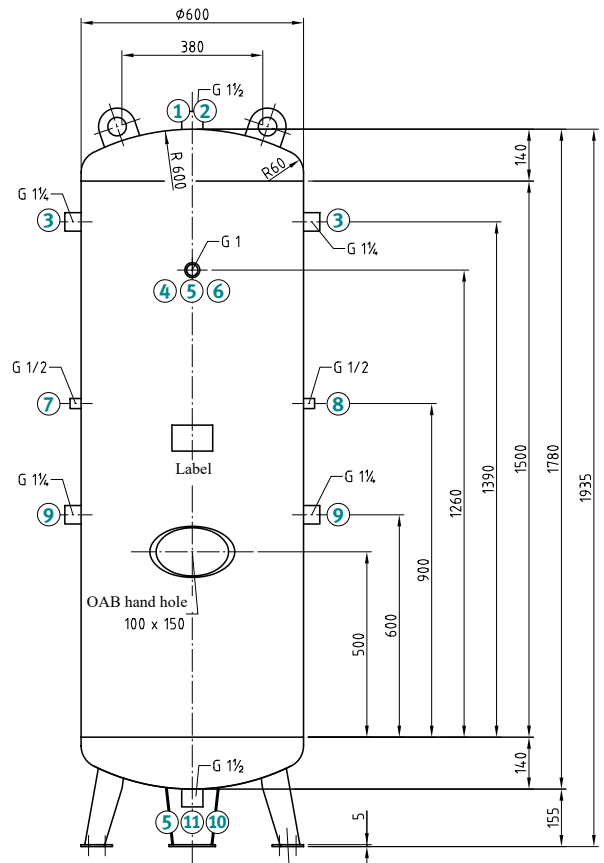
500 l upright

Fitting set, complete for DB VZ 500/11 V

Pres- sure	For compressed air vessels	Art. no.
11 bar	500 l upright	2500530
unit	Type	
①	1 Reducing nipple R 1 1/2" (OT)-RP 3/4" (IT)	
②	1 Safety valve 3/4" 10 bar	
③	2 Blind plug 1 1/4"	
④	1 Reducing nipple R 1" (OT)-RP 1/2" (IT)	
⑤	2 Angle 90° 1/2" IT/OT	
⑥	1 Pressure gauge 1/2" 0-16 bar, upright	
⑦	1 Blind plug 1/2"	
⑧	1 Three-way ball valve 1/2"	
⑨	2 Ball valve 1 1/4" IT/OT	
⑩	1 Reducing nipple R 1 1/2" (OT)-RP 1/2" (IT)	
⑪	1 Ball valve 1/2" IT/OT	

Fitting set, complete for DB VZ 500/16 V

Pres- sure	For compressed air vessels	Art. no.
16 bar	500 l upright	2500531
unit	Type	
①	1 Reducing nipple R 1 1/2" (OT)-RP 3/4" (IT)	
②	1 Safety valve 3/4" 15 bar	
③	2 Blind plug 1 1/4"	
④	1 Reducing nipple R 1" (OT)-RP 1/2" (IT)	
⑤	2 Angle 90° 1/2" IT/OT	
⑥	1 Pressure gauge 1/2" 0-25 bar, upright	
⑦	1 Blind plug 1/2"	
⑧	1 Three-way ball valve 1/2"	
⑨	2 Ball valve 1 1/4" IT/OT	
⑩	1 Reducing nipple R 1 1/2" (OT)-RP 1/2" (IT)	
⑪	1 Ball valve 1/2" IT/OT	



DB VZ 500/11 V / DB VZ 500/16 V Füße versetzt gezeichnet

Upright type

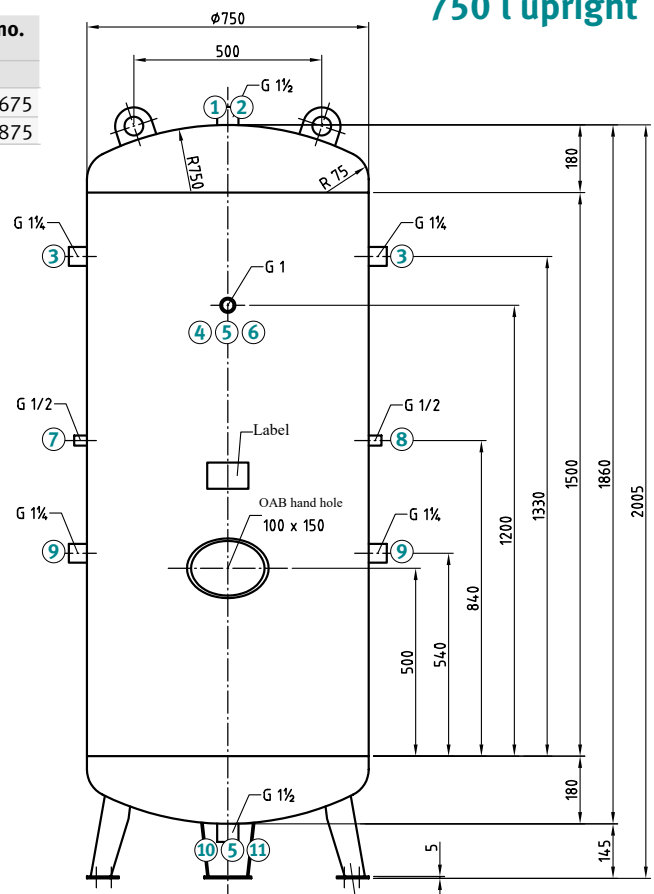
Type	Pressure	Tank capacity	Manual/ Manhole	weight	Art. no.
	bar	l		kg	
DB zinc plating 750/11 V	11	750	Recess	about 175	2500675
DB zinc plating 750/16 V	16	750	Recess	about 275	2500875

Fitting set, complete for DB VZ 750/11 V

Pres- sure	For compressed air vessels	Art. no.
11 bar	750 l upright	2500535
unit	Type	
①	1 Reducing nipple R 1 1/2" (OT)-RP 3/4" (IT)	
②	1 Safety valve 3/4" 10 bar	
③	2 Blind plug 1 1/4"	
④	1 Reducing nipple R 1" (OT)-RP 1/2" (IT)	
⑤	2 Angle 90° 1/2" IT/OT	
⑥	1 Pressure gauge 1/2" 0-16 bar, upright	
⑦	1 Blind plug 1/2"	
⑧	1 Three-way ball valve 1/2"	
⑨	2 Ball valve 1 1/4" IT/OT	
⑩	1 Reducing nipple R 1 1/2" (OT)-RP 1/2" (IT)	
⑪	1 Ball valve 1/2" IT/OT	

Fitting set, complete for DB VZ 750/16 V

Pres- sure	For compressed air vessels	Art. no.
16 bar	750 l upright	2500536
unit	Type	
①	1 Reducing nipple R 1 1/2" (OT)-RP 3/4" (IT)	
②	1 Safety valve 3/4" 15 bar	
③	2 Blind plug 1 1/4"	
④	1 Reducing nipple R 1" (OT)-RP 1/2" (IT)	
⑤	2 Angle 90° 1/2" IT/OT	
⑥	1 Pressure gauge 1/2" 0-25 bar, upright	
⑦	1 Blind plug 1/2"	
⑧	1 Three-way ball valve 1/2"	
⑨	2 Ball valve 1 1/4" IT/OT	
⑩	1 Reducing nipple R 1 1/2" (OT)-RP 1/2" (IT)	
⑪	1 Ball valve 1/2" IT/OT	



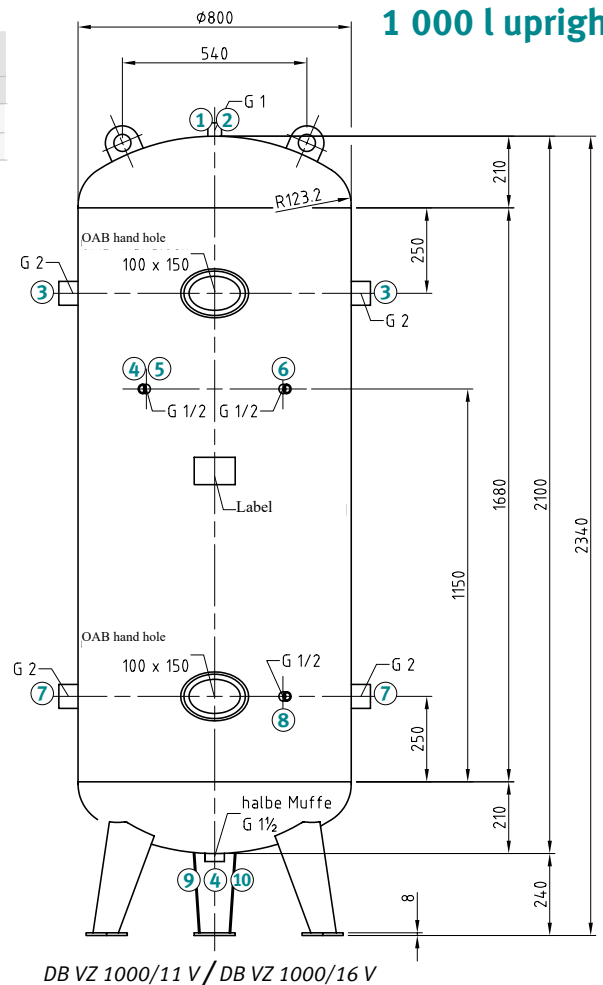
DB VZ 750/11 V / DB VZ 750/16 V Füße versetzt gezeichnet

Compressed air vessels

Upright type

Type	Pressure	Tank capacity	Manual/Manhole	weight	Art. no.
	bar	l		kg	
DB zinc plating 1000/11 V	11	1 000	Recess	about 225	2500680
DB zinc plating 1000/16 V	16	1 000	Recess	about 300	2500880

1 000 l upright



Fitting set, complete for DB VZ 1000/11 V

Pres-sure	For compressed air vessels	Art. no.
11 bar	1,000 l upright	2500540
unit	Type	
1	Reducing nipple R 1"(OT)-RP 3/4"(IT)	
2	Safety valve 3/4" 10 bar	
3	Blind plug 2"	
4	Angle 90° 1/2" IT/OT	
5	Pressure gauge 1/2" 0-16 bar, upright	
6	Three-way ball valve 1/2"	
7	Ball valve 2"	
8	Blind plug 1/2"	
9	Reducing nipple R 1 1/2"(OT)-RP 1/2"(IT)	
10	Ball valve 1/2" IT/OT	

Fitting set, complete for DB VZ 1000/16 V

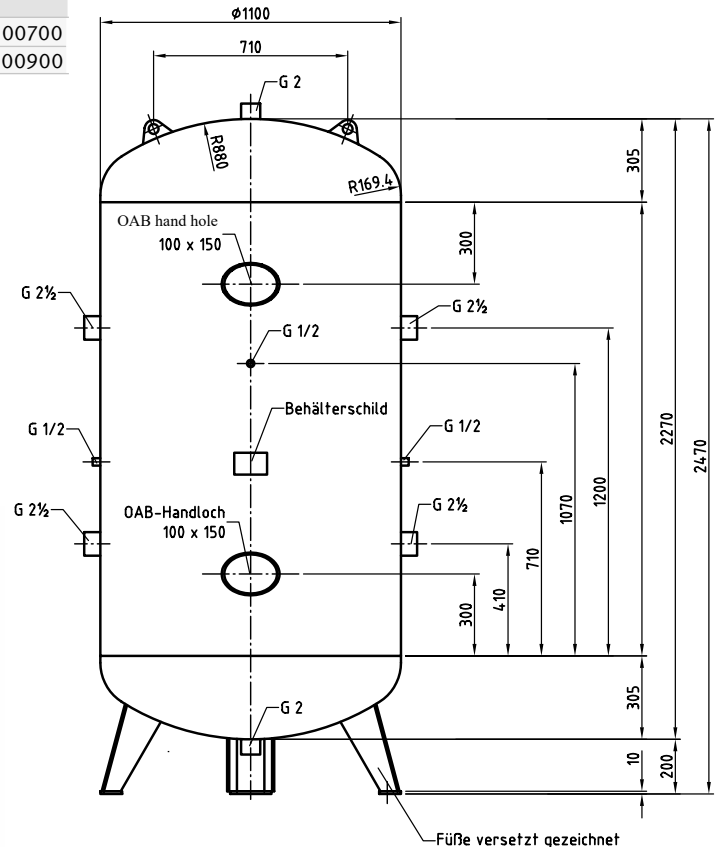
Pres-sure	For compressed air vessels	Art. no.
16 bar	1,000 l upright	2500541
unit	Type	
1	Reducing nipple R 1"(OT)-RP 3/4"(IT)	
2	Safety valve 3/4" 15 bar	
3	Blind plug 2"	
4	Angle 90° 1/2" IT/OT	
5	Pressure gauge 1/2" 0-25 bar, upright	
6	Three-way ball valve 1/2"	
7	Ball valve 2"	
8	Blind plug 1/2"	
9	Reducing nipple R 1 1/2"(OT)-RP 1/2"(IT)	
10	Ball valve 1/2" IT/OT	

DB VZ 1000/11 V / DB VZ 1000/16 V

Upright type

Type	Pressure	Tank capacity	Manual/Manhole	weight	Art. no.
	bar	l		kg	
DB zinc plating 2000/11 V	11	2 000	Recess	about 375	2500700
DB zinc plating 2000/16 V	16	2 000	Recess	about 620	2500900

2 000 l upright

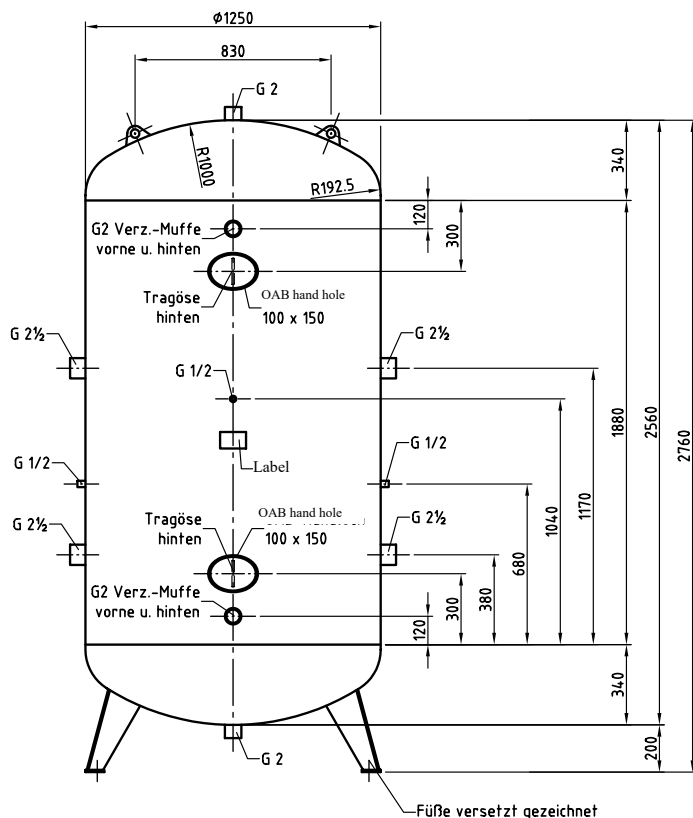


DB VZ 2000/11 V / DB VZ 2000/16 V

3 000 l upright

Upright type

Type	Pressure	Tank capacity	Manual/Manhole	Weight	Art. no.
	bar	l		kg	
DB zinc plating 3000/11 V	11	3 000	Recess	500	2500710
DB zinc plating 3000/16 V	16	3 000	Recess	775	2500910



DB VZ 3000/11 V / DB VZ 3000/16 V

Basic fitting set 1" as of 1000 l, 11 bar

- 1x three-way ball valve 1/2" with flange 60x25x10 (ASFIG34MS12)
- 1x normal pressure ball valve 1" brass (H1502010000)
- 1x Manometer T 1/2" 16 bar, set to 11 bar (WW9022619)
- 1x safety valve HSV 1", 11 bar (H0620510110) NL/min. 1432
- 1x elbow 90°, 1", galvanized (FF4015889014259)

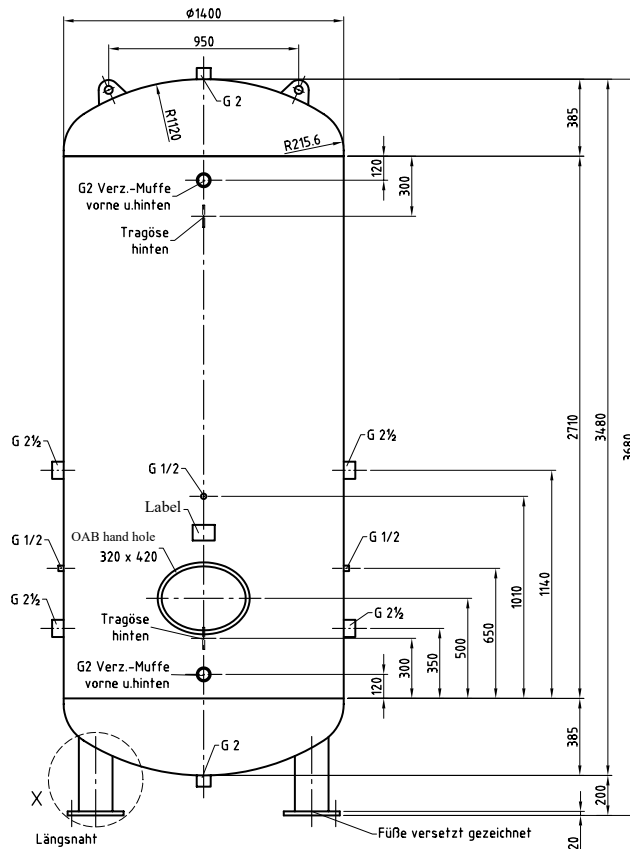
Use with pressure vessel size	Pressure (bar)	Compressed air connection	Art. no.
as of 1 000 litres	11	1"	2500612



5 000 l upright

Upright type

Type	Pressure	Tank capacity	Manual/Manhole	Weight	Art. no.
	bar	l		kg	
DB zinc plating 5000/11 V	11	5 000	Manhole	950	2500730
DB zinc plating 5000/16 V	16	5 000	Manhole	1300	2500930



DB VZ 5000/11 V / DB VZ 5000/16 V

Basic fitting set 1" as of 1000 l, 16 bar

- 1x three-way ball valve 1/2" with flange 60x25x10 (ASFIG34MS12)
- 1x normal pressure ball valve 1" brass (H1502010000)
- 1x Manometer T 1/2" 25 bar, set to 16 bar (WW9012605)
- 1x safety valve HSV 1", 16 bar (H0620510160) NL/min. 2032
- 1x elbow 90°, 1", galvanized (FF4015889014259)

Use with pressure vessel size	Pressure (bar)	Compressed air connection	Art. no.
as of 1 000 litres	16	1"	2500617



Components for compressed air systems



Teflon sealing tape	Art. no.
12 m x 12 mm x 0.1 mm, 60 g/m ² (PU 10)	2500020



Blind plug, brass	Art. no.
Blind plug 1/8"	PU25 2200211
Blind plug 1/4"	PU25 2200212
Blind plug 3/8"	PU25 2200213
Blind plug 1/2"	PU25 2200214



Blind plug, steel, galvanised	Art. no.
Blind plug 1/4"	PU1 020113136
Blind plug 1/2"	PU1 020113137
Blind plug 2"	PU1 020113138
Blind plug 2 1/2"	PU1 020113139



Screw plug	Art. no.
------------	----------

- Sealing screw 1/4" thread**
with hexagon socket as per ISO 228-1,
brass CW614N / SW22 02025292
- Screw plug 3/8" thread**
brass, with hexagon socket 8 mm
as per ISO 228-1, 02011132
Brass CW614N/WAF 8
- Sealing screw 1/2" thread**
Hex. head as per ISO 228-1,
Brass CW614N/WAF 24 02011179
- Sealing screw 3/4" thread**
Cylindrical external thread/
nickel plated brass/WAF 17 02025299 N
- Screw plug T 1"**
Nickel plated brass, cylindrical out-
side as per ISO 228-1/size 36 020111407

Compressed air vessels

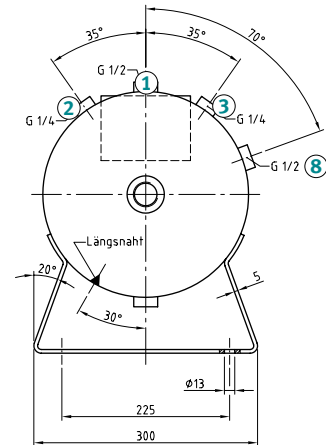
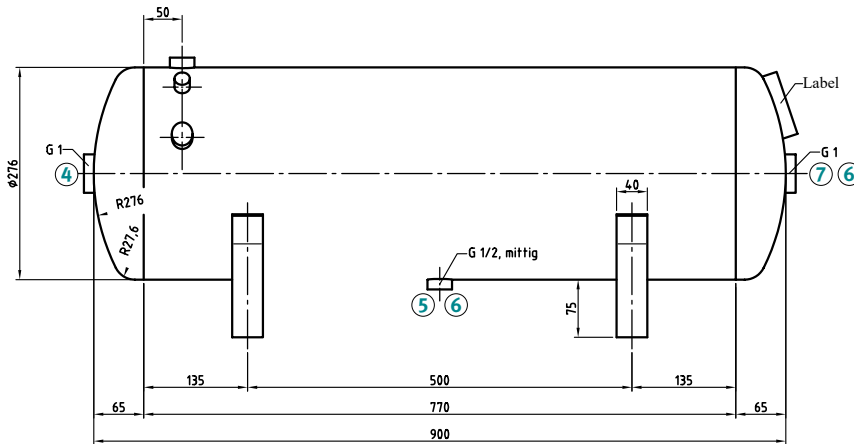


Qualität Made in Germany

50 l flat

Horizontal type

Type	Pressure bar	Tank capacity l	Manual/ Manhole	weight kg	Art. no.
DB zinc plating 50/11 H	11	50	with plugs	about 25	2500619
DB zinc plating 50/16 H	16	50	with plugs	about 25	2500819



DB VZ 50/11 H / DB VZ 50/16 H

Fitting set, complete for DB VZ 50/11 H

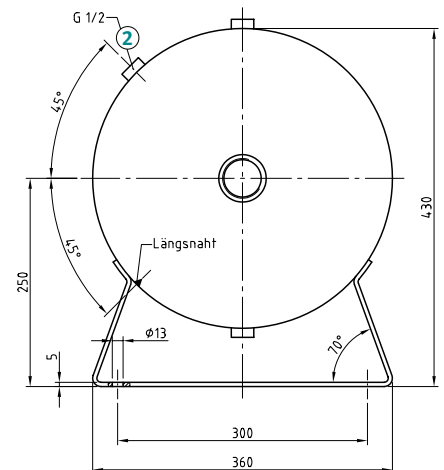
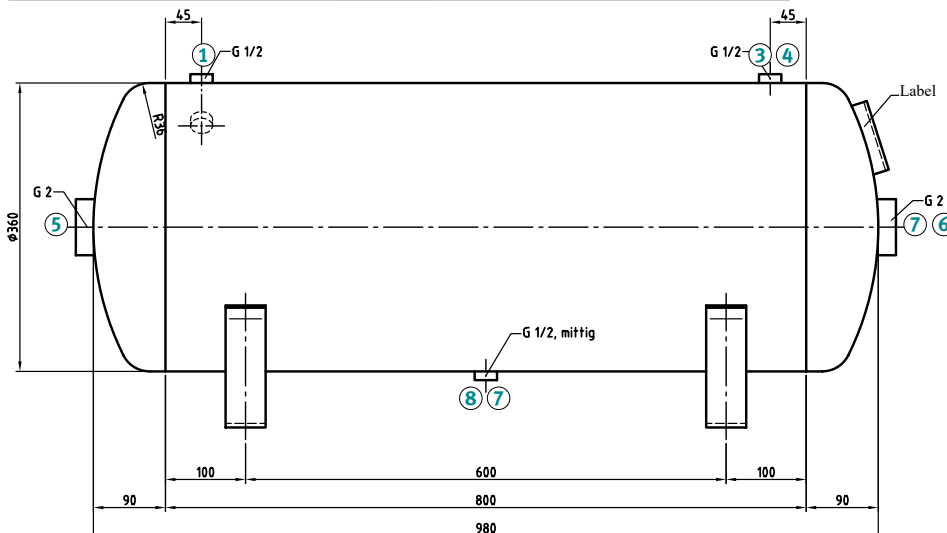
Pres- sure	For compressed air vessels	Art. no.
11 bar	50 l flat	2500512
unit	Type	
①	1 Safety valve 1/2" 10 bar	
②	1 Blind plug 1/4"	
③	1 Pressure gauge 1/4" 0-16 bar, flat	
④	1 Blind plug 1"	
⑤	1 Angle 90° 1/2" IT/OT	
⑥	2 Ball valve 1/2" IT/OT	
⑦	1 Reducing nipple R 1"(OT)-RP 1/2"(IT)	
⑧	1 Blind plug 1/2"	

Fitting set, complete for DB VZ 50/16 H

Pres- sure	For compressed air vessels	Art. no.
16 bar	50 l flat	2500513
unit	Type	
①	1 Safety valve 1/2" 15 bar	
②	1 Blind plug 1/4"	
③	1 Pressure gauge 1/4" 0-25 bar, flat	
④	1 Blind plug 1"	
⑤	1 Angle 90° 1/2" IT/OT	
⑥	2 Ball valve 1/2" IT/OT	
⑦	1 Reducing nipple R 1"(OT)-RP 1/2"(IT)	
⑧	1 Blind plug 1/2"	

Horizontal type

Type	Pressure bar	Tank capacity l	Manual/ Manhole	weight kg	Art. no.
DB zinc plating 90/11 H	11	90	with plugs	about 35	2500622
DB zinc plating 90/16 H	16	90	with plugs	about 40	2500822



DB VZ 90/11 H / DB VZ 90/16 H

Fitting set, complete for DB VZ 90/11 H

Pres- sure	For compressed air vessels	Art. no.
11 bar	90 l flat	2500517
unit	Type	
①	1 Safety valve 1/2" 10 bar	
②	1 Blind plug 1/2"	
③	1 Reducing nipple R 1/2"(OT)-RP 1/4"(IT)	
④	1 Pressure gauge 1/4" 0-16 bar, upright	
⑤	1 Blind plug 2"	
⑥	1 Reducing nipple R 2"(OT)-RP 1/2"(IT)	
⑦	2 Ball valve 1/2" IT/OT	
⑧	1 Angle 90° 1/2" IT/OT	

Fitting set, complete for DB VZ 90/16 H

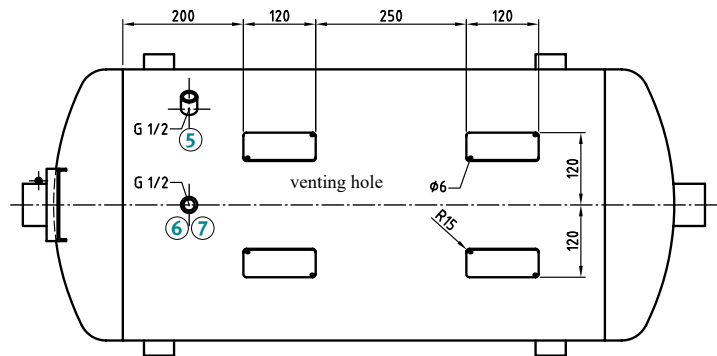
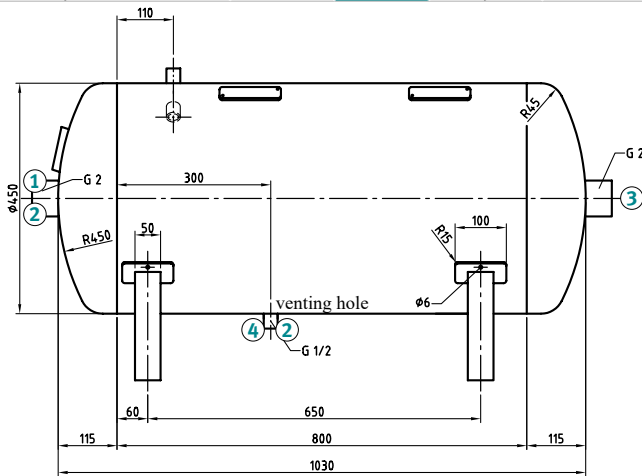
Pres- sure	For compressed air vessels	Art. no.
16 bar	90 l flat	2500518
unit	Type	
①	1 Safety valve 1/2" 15 bar	
②	1 Blind plug 1/2"	
③	1 Reducing nipple R 1/2"(OT)-RP 1/4"(IT)	
④	1 Pressure gauge 1/4" 0-25 bar, upright	
⑤	1 Blind plug 2"	
⑥	1 Reducing nipple R 2"(OT)-RP 1/2"(IT)	
⑦	2 Ball valve 1/2" IT/OT	
⑧	1 Angle 90° 1/2" IT/OT	

Horizontal type

Type	Pressure bar	Tank capacity l	Manual/ Manhole	weight kg	Art. no.
DB zinc plating 150/11 H	11	150	with plugs	about 60	2500624
DB zinc plating 150/16 H	16	150	with plugs	about 75	2500824



150 l flat



DB VZ 150/11 H / DB VZ 150/16 H

Fitting set, complete for DB VZ 150/11 H

Pres- sure	For compressed air vessels	Art. no.
11 bar	150 l flat	2500522
unit	Type	
①	1 Reducing nipple R 2" (OT)-RP 1/2" (IT)	
②	2 Ball valve 1/2" IT/OT	
③	1 Blind plug 2"	
④	1 Angle 90° 1/2" IT/OT	
⑤	1 Safety valve 1/2" 10 bar	
⑥	1 Reducing nipple R 1/2" (OT)-RP 1/4" (IT)	
⑦	1 Pressure gauge 1/4" 0-16 bar, upright	

Fitting set, complete for DB VZ 150/16 H

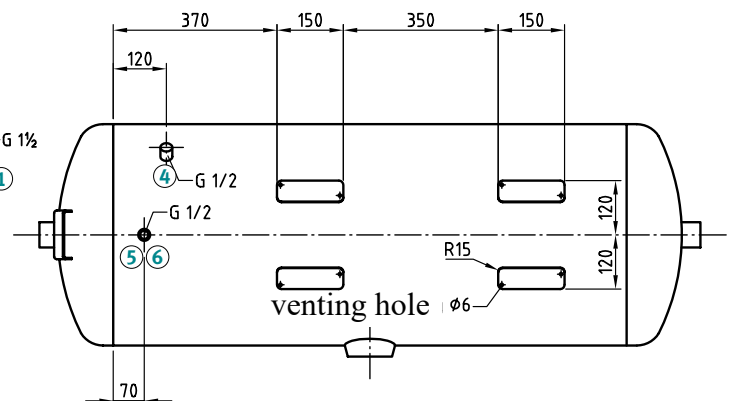
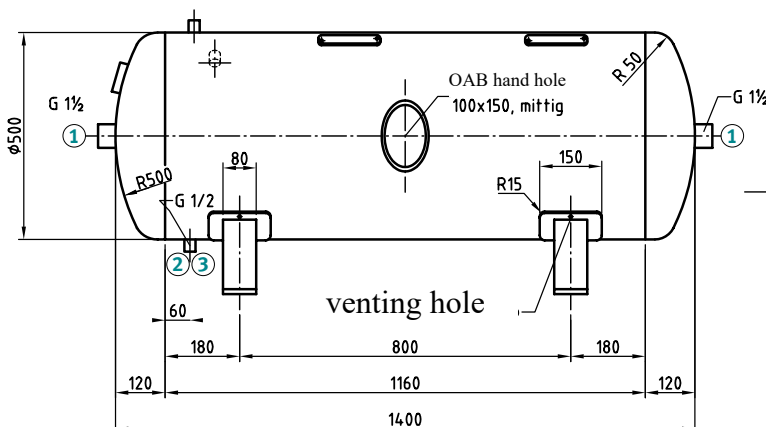
Pres- sure	For compressed air vessels	Art. no.
16 bar	150 l flat	2500523
unit	Type	
①	1 Reducing nipple R 2" (OT)-RP 1/2" (IT)	
②	2 Ball valve 1/2" IT/OT	
③	1 Blind plug 2"	
④	1 Angle 90° 1/2" IT/OT	
⑤	1 Safety valve 1/2" 15 bar	
⑥	1 Reducing nipple R 1/2" (OT)-RP 1/4" (IT)	
⑦	1 Pressure gauge 1/4" 0-25 bar, upright	

Horizontal type

Type	Pressure bar	Tank capacity l	Manual/ Manhole	weight kg	Art. no.
DB zinc plating 250/11 H	11	250	Recess	about 90	2500626
DB zinc plating 250/16 H	16	250	Recess	about 120	2500826



250 l flat



DB VZ 250/11 H / DB VZ 250/16 H

Fitting set, complete for DB VZ 250/11 H

Pres- sure	For compressed air vessels	Art. no.
11 bar	250 l flat	2500527
unit	Type	
①	2 Ball valve 1 1/2" IT/OT	
②	1 Angle 90° 1/2" IT/OT	
③	1 Ball valve 1/2" IT/OT	
④	1 Safety valve 1/2" 10 bar	
⑤	1 Reducing nipple R 1/2" (OT)-RP 1/4" (IT)	
⑥	1 Pressure gauge 1/4" 0-16 bar, upright	

Fitting set, complete for DB VZ 250/16 H

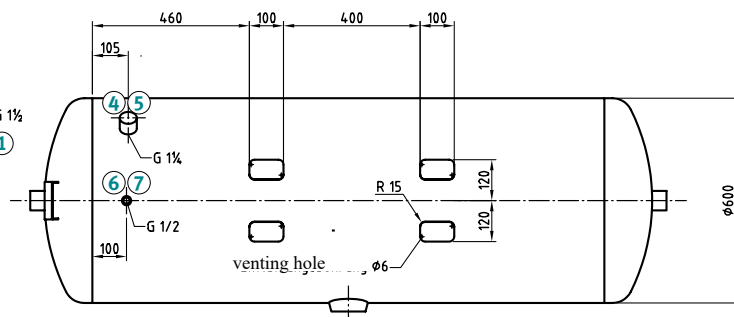
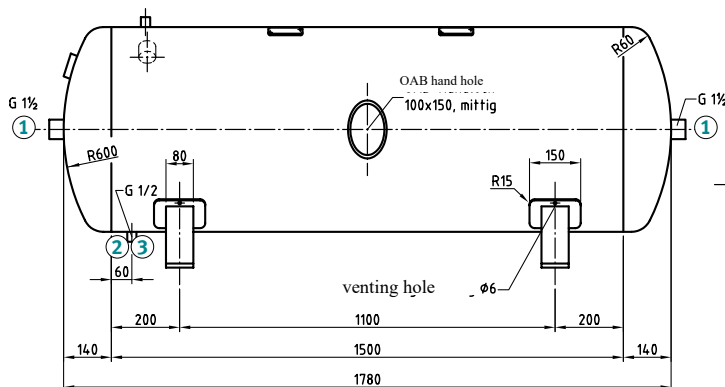
Pres- sure	For compressed air vessels	Art. no.
16 bar	250 l flat	2500528
unit	Type	
①	2 Ball valve 1 1/2" IT/OT	
②	1 Angle 90° 1/2" IT/OT	
③	1 Ball valve 1/2" IT/OT	
④	1 Safety valve 1/2" 15 bar	
⑤	1 Reducing nipple R 1/2" (OT)-RP 1/4" (IT)	
⑥	1 Pressure gauge 1/4" 0-25 bar, upright	

Compressed air vessels

Horizontal type

Type	Pressure bar	Tank capacity l	Manual/ Manhole	weight kg	Art. no.
DB zinc plating 500/11 H	11	500	Recess	about 150	2500651
DB zinc plating 500/16 H	16	500	Recess	about 150	2500851

500 l flat



DB VZ 500/11 H / DB VZ 500/16 H

Fitting set, complete for DB VZ 500/11 H

Pres- sure	For compressed air vessels	Art. no.
11 bar	500 l flat	2500532
unit	Type	
①	2	Ball valve 1 1/2" IT/OT
②	1	Angle 90° 1/2" IT/OT
③	1	Ball valve 1/2" IT/OT
④	1	Reducing nipple R 1 1/4"(OT)-RP 1/2"(IT)
⑤	1	Safety valve 1/2" 10 bar
⑥	1	Reducing nipple R 1/2"(OT)-RP 1/4"(IT)
⑦	1	Pressure gauge 1/4" 0-16 bar, upright

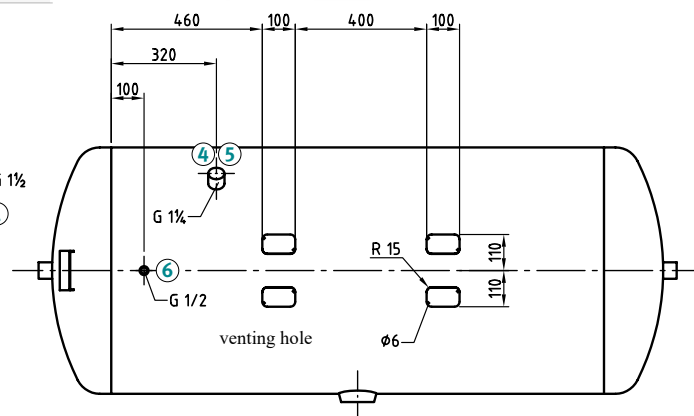
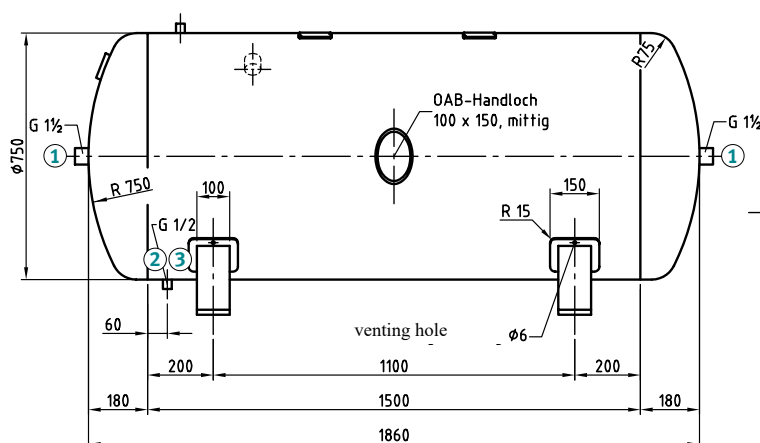
Fitting set, complete for DB VZ 500/16 H

Pres- sure	For compressed air vessels	Art. no.
16 bar	500 l flat	2500533
unit	Type	
①	2	Ball valve 1 1/2" IT/OT
②	1	Angle 90° 1/2" IT/OT
③	1	Ball valve 1/2" IT/OT
④	1	Reducing nipple R 1 1/4"(OT)-RP 1/2"(IT)
⑤	1	Safety valve 1/2" 15 bar
⑥	1	Reducing nipple R 1/2"(OT)-RP 1/4"(IT)
⑦	1	Pressure gauge 1/4" 0-25 bar, upright

Horizontal type

Type	Pressure bar	Tank capacity l	Manual/ Manhole	weight kg	Art. no.
DB zinc plating 750/11 H	11	750	Recess	about 210	2500676
DB zinc plating 750/16 H	16	750	Recess	about 280	2500876

750 l flat



DB VZ 750/11 H / DB VZ 750/16 H

Fitting set, complete for DB VZ 750/11 H

Pres- sure	For compressed air vessels	Art. no.
11 bar	750 l flat	2500537
unit	Type	
①	2	Ball valve 1 1/2" IT/OT
②	1	Angle 90° 1/2" IT/OT
③	1	Ball valve 1/2" IT/OT
④	1	Reducing nipple R 1 1/4"(OT)-RP 1"(IT)
⑤	1	Safety valve 1" 10 bar
⑥	1	Pressure gauge 1/2" 0-16 bar, upright

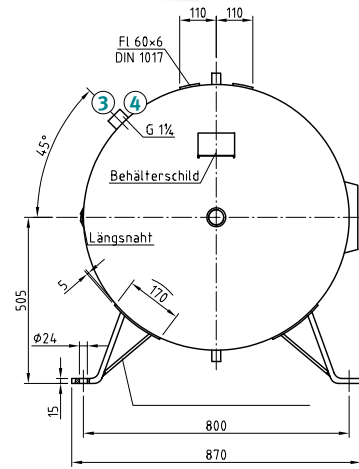
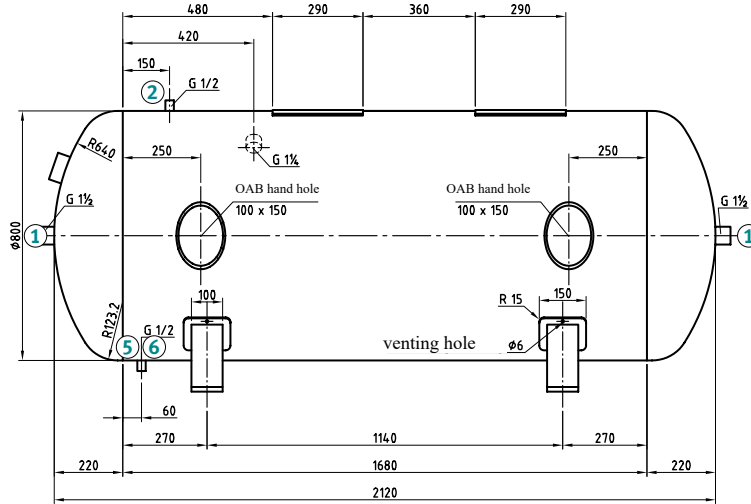
Fitting set, complete for DB VZ 750/16 H

Pres- sure	For compressed air vessels	Art. no.
16 bar	750 l flat	2500538
unit	Type	
①	2	Ball valve 1 1/2" IT/OT
②	1	Angle 90° 1/2" IT/OT
③	1	Ball valve 1/2" IT/OT
④	1	Reducing nipple R 1 1/4"(OT)-RP 1"(IT)
⑤	1	Safety valve 1" 15 bar
⑥	1	Pressure gauge 1/2" 0-25 bar, upright

Horizontal type

Type	Pressure	Tank capacity	Manual/ Manhole	weight	Art. no.
	bar	l		kg	
DB zinc plating 1000/11 H	11	1 000	2 x recess	about 250	2500681
DB zinc plating 1000/16 H	16	1 000	2 x recess	about 325	2500881

1 000 l flat



DB VZ 1000/11 H / DB VZ 1000/16 H

Fitting set, complete for DB VZ 1000/11 H

Pres- sure	For compressed air vessels	Art. no.
11 bar	1 000 l flat	2500542

- | unit | Type |
|------|--|
| ① | 2 Ball valve 1 1/2" IT/OT |
| ② | 1 Pressure gauge 1/2" 0-16 bar, upright |
| ③ | 1 Reducing nipple R 1 1/4"(OT)-RP 1"(IT) |
| ④ | 1 Safety valve 1" 10 bar |
| ⑤ | 1 Angle 90° 1/2" IT/OT |
| ⑥ | 1 Ball valve 1/2" IT/OT |

Fitting set, complete for DB VZ 1000/16 H

Pres- sure	For compressed air vessels	Art. no.
16 bar	1 000 l flat	2500543

- | unit | Type |
|------|--|
| ① | 2 Ball valve 1 1/2" IT/OT |
| ② | 1 Pressure gauge 1/2" 0-25 bar, upright |
| ③ | 1 Reducing nipple R 1 1/4"(OT)-RP 1"(IT) |
| ④ | 1 Safety valve 1" 15 bar |
| ⑤ | 1 Angle 90° 1/2" IT/OT |
| ⑥ | 1 Ball valve 1/2" IT/OT |

2 000 l flat

Horizontal type

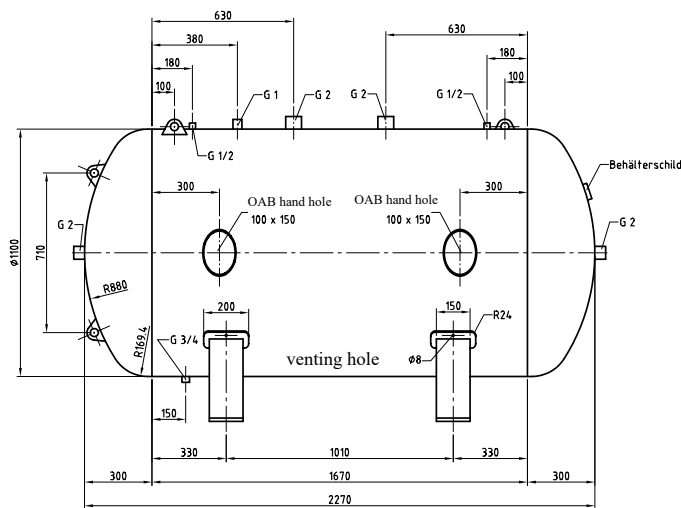
Type	Pressure	Tank capacity	Manual/ Manhole	weight	Art. no.
	bar	l		kg	
DB zinc plating 2000/11 H	11	2 000	2 x recess	about 475	2500701
DB zinc plating 2000/16 H	16	2,000	2 x recess	about 600	2500901



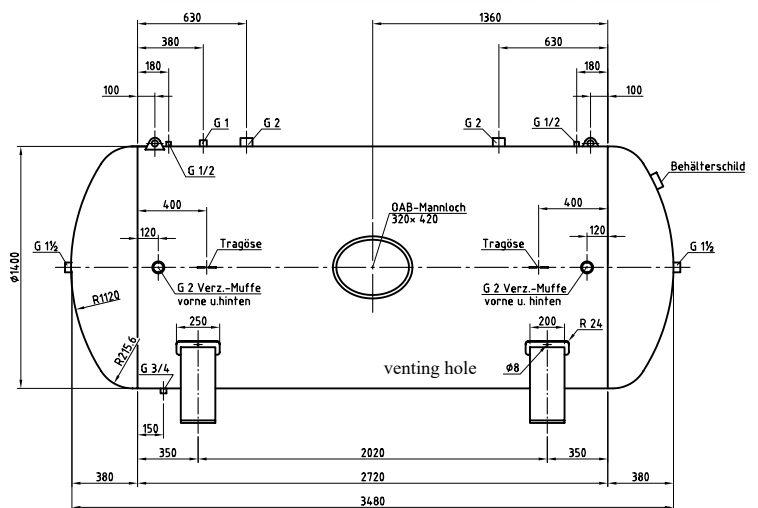
5 000 l flat

Horizontal type

Type	Pressure	Tank capacity	Manual/ Manhole	weight	Art. no.
	bar	l		kg	
DB zinc plating 5000/11 H	11	5 000	Manhole	about 1050	2500731
DB zinc plating 5000/16 H	16	5 000	Manhole	about 1375	2500931



DB VZ 2000/11 H / DB VZ 2000/16 H



DB VZ 5000/11 H / DB VZ 5000/16 H

Compressed air vessels





AD 2000

200, 270 and 500 l tanks as per AD 2000

- Maximum test intervals
- Produced according to TÜV data sheet AD 2000

Pressure vessels for your application

► Aircraft® has always focused on user-friendliness, the best possible equipment, ease of use and reliable quality. Comparing genuinely equivalent and comparable products offers you the assurance that purchasing a compressor by Aircraft® gives you a product that performs well in any comparative test

and is the right purchasing decision for you. We underline our quality claim by being the first compressor manufacturer to equip our stationary compressors with a hot galvanised tank as standard and by offering a 15-year guarantee against corrosion penetration of the tank. We have extended this guarantee to our

entire Airprofi series, which is supplied with hot galvanised and powder-coated tanks from serial number APZ.

Our standard



Environmentally-friendly powder coating plant



Hot-dip galvanisation for a long service life

- flat/upright
- 50 litres - 500 litres
- 10 bar or 15 bar



Our compressor assembly line

Compressed air vessels 10 and 15 bar

- ▶ Hot galvanised inside and out
- ▶ Built as per EC Directive 87/404/EEC or PED 97/23/
EC - AD 2000, module: H/H 1
- ▶ Operating conditions as per AD 2000 - S1 (10/2000)
= start-up and ramp-down and 20 % pressure
fluctuation range



Compressed air vessels in line with AD 2000/without fitting set

Upright type

Type	Pressure	Tank capacity	weight	Art. no.	
	bar	l	kg		
AC DB 270/10 V galvanised	10	270	130	2500271	
AC DB 270/15 V galvanised	15	270	90	2500275	

Horizontal type

Type	Pressure	Tank capacity	weight	Art. no.	
	bar	l	kg		
ACDB 50/10 H	10	50	25.6	2500053	
ACDB 75/13 H MK with support	13	75	36	2500112	
ACDB 75/13 H OK AD 2000	13	75	36	2500112_AD	
ACDB 100/10 H OK AD 2000	10	100	36	2500106_AD	
M ACDB 100/10 H MK with support	10	100	35.9	2500103	
ACDB 100/15 H MK galvanised with support	15	100	36	2500116	
ACDB 200/10 H galvanised AD 2000	10	200	90	2500203	
ACDB 270/10 H galvanised	10	270	74	2500269	
ACDB 270/15 H galvanised	15	270	84	2500299	
ACDB 500/10 H galvanised	10	500	100	2500500	
ACDB 500/15 H galvanised	15	500	125	2500505	

Compressed air vessels

Horizontal type, galvanised

Type	Pressure	Tank capacity	weight	Art. no.
	bar	l	kg	
ACDB 50/10 H	10	50	25.6	2500053

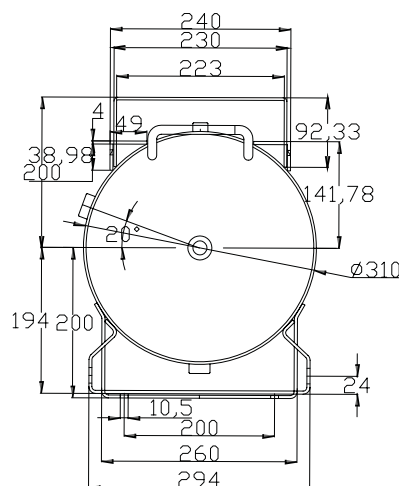


Fitting set, complete for ACDB 50/10 H

	Pressure	For compressed air vessels	Art. no.
	10 bar	50 l flat	2500570
	Type		
①	1	Safety valve 3/8" 10 bar	
②	2	Ball valve 1/2" IT/OT	
③	1	Reducing nipple R 1/2"(OT)-RP 1/4"(IT)	
④	1	Pressure gauge 1/4" 0-16 bar, flat	
⑤	1	Angle 90° 3/8" IT/OT	
⑥	1	Ball valve 3/8" IT/OT	

Accessories

Accessories	Art. no.
Wheel axle L: 460 mm	2500966
PU foam wheel Ø260 x 20 mm	2505629
Steering roller with metal brake	2505562

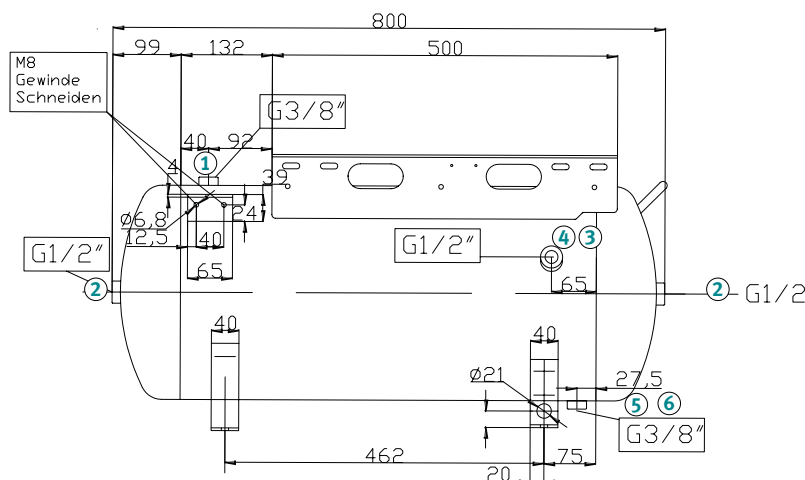


50 l flat

AD 2000

200, 270 and 500 l tanks as per AD 2000

- Maximum test intervals
- Produced according to TÜV data sheet AD 2000
- Approx. 50% saving compared with "Non-AD 2000"
- Inspection by certified surveyor (e.g., TÜV) only required every 5 years



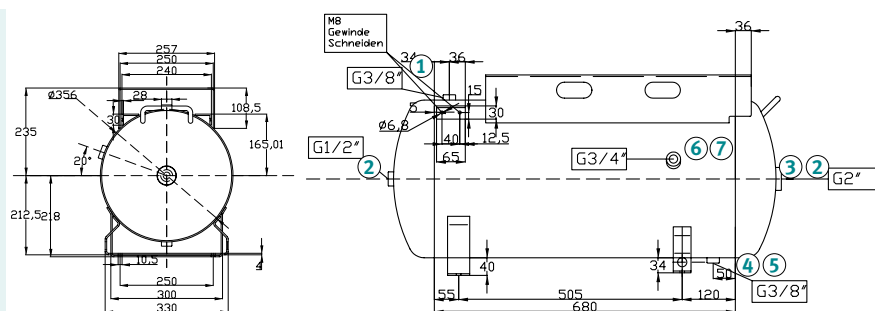
Horizontal type

Type	Pressure	Tank capacity	weight	Art. no.	
	bar	l	kg		
ACDB 75/13 H MK with support	13	75	36	2500112	
ACDB 75/13 H QK AD 2000	13	75	36	2500112	AD

75 l flat

Fitting set, complete for ACDB 75/13 H MK

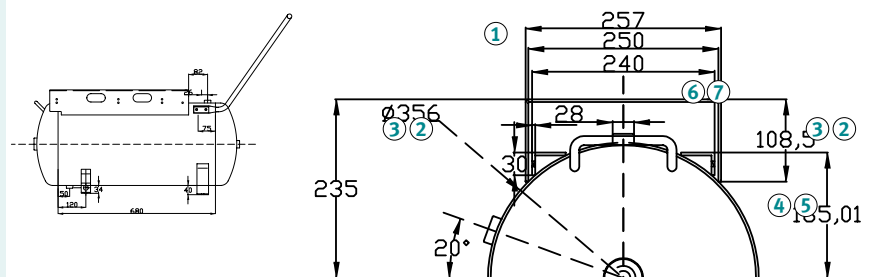
	Pressure	For compressed air vessels	Art. no.
	13 bar	75 l flat	2500571
	unit	Type	
①	1	Safety valve 3/8" 13 bar	
②	2	Ball valve 1/2" IT/OT	
③	1	Reducing nipple R 2"(OT)-RP 1/2"(IT)	
④	1	Angle 90° 3/8" IT/OT	
⑤	1	Ball valve 3/8" IT/OT	
⑥	1	Reducing nipple R 3/4"(OT)-RP 1/4"(IT)	
⑦	1	Pressure gauge 1/4" 0-16 bar, flat	



ACDB 75/13 H MK with support

Fitting set, complete for ACDB 75/13 H OK AD 2000

	Pressure	For compressed air vessels	Art. no.
	13 bar	75 l flat	2500572
	Type		
①	1	Safety valve 3/8" 13 bar	
②	2	Ball valve 1/2" IT/OT	
③	2	Reducing nipple R 2"(OT)-RP 1/2"(IT)	
④	1	Angle 90° 3/8" IT/OT	
⑤	1	Ball valve 3/8" IT/OT	
⑥	1	Reducing nipple R 3/4"(OT)-RP 1/4"(IT)	
⑦	1	Pressure gauge 1/4" 0-16 bar, flat	



ACDB 75/13 H OK AD 2000 without support

Accessories

Accessories	Art. no.
Wheel axle L: 495 mm	2500967
PU foam wheel Ø260 x 20 mm	2505629
Steering roller with metal brake	2505562

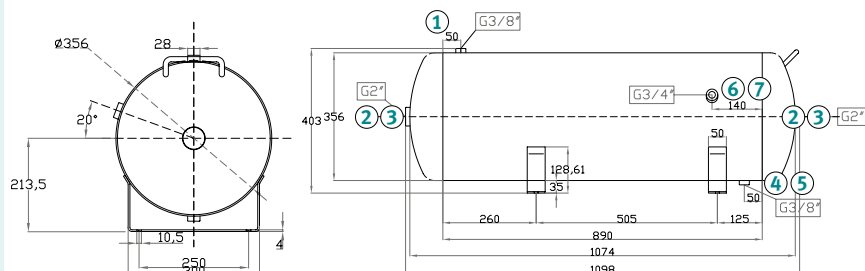
100 l flat

Horizontal type

Type	Pressure	Tank capacity	weight	Art. no.
	bar	l	kg	
ACDB 100/10 H OK AD 2000	10	100	36	2500106_AD
M ACDB 100/10 H MK with support	10	100	35.9	2500103
ACDB 100/15 H MK galvanised with support	15	100	36	2500116

Fitting set, complete for ACDB 100/10 H OK

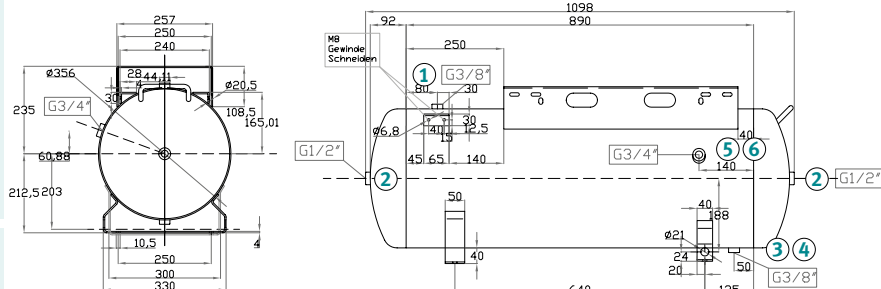
Pres- sure	For compressed air vessels	Art. no.
10 bar	100 l flat	2500574
unit	Type	
①	1	Safety valve 3/8" 10 bar
②	2	Reducing nipple R 2" (OT)-RP 1/2" (IT)
③	2	Ball valve 1/2" IT/OT
④	1	Angle 90° 3/8" IT/OT
⑤	1	Ball valve 3/8" IT/OT
⑥	1	Reducing nipple R 3/4" (OT)-RP 1/4" (IT)
⑦	1	Pressure gauge 1/4" 0-16 bar, flat



ACDB 100/10 H OK without support AD 2000

Fitting set, complete for M ACDB 100/10 H MK

Pres- sure	For compressed air vessels	Art. no.
10 bar	100 l flat	2500573
unit	Type	
①	1	Safety valve 3/8" 10 bar
②	2	Ball valve 1/2" IT/OT
③	1	Angle 90° 3/8" IT/OT
④	1	Ball valve 3/8" IT/OT
⑤	1	Reducing nipple R 3/4" (OT)-RP 1/4" (IT)
⑥	1	Pressure gauge 1/4" 0-16 bar, flat



M ACDB 100/10 H MK with support
ACDB 100/15 H MK galvanised with support

Fitting set, complete for ACDB 100/15 H MK

Pres- sure	For compressed air vessels	Art. no.
15 bar	100 l flat	2500575
unit	Type	
①	1	Safety valve 3/8" 15 bar
②	2	Ball valve 1/2" IT/OT
③	1	Angle 90° 3/8" IT/OT
④	1	Ball valve 3/8" IT/OT
⑤	1	Reducing nipple R 3/4" (OT)-RP 1/4" (IT)
⑥	1	Pressure gauge 1/4" 0-25 bar, flat

Accessories	Art. no.
Wheel axle L: 495 mm	2500967
PU foam wheel Ø260 x 20 mm	2505629
Steering roller with metal brake	2505562

Horizontal type

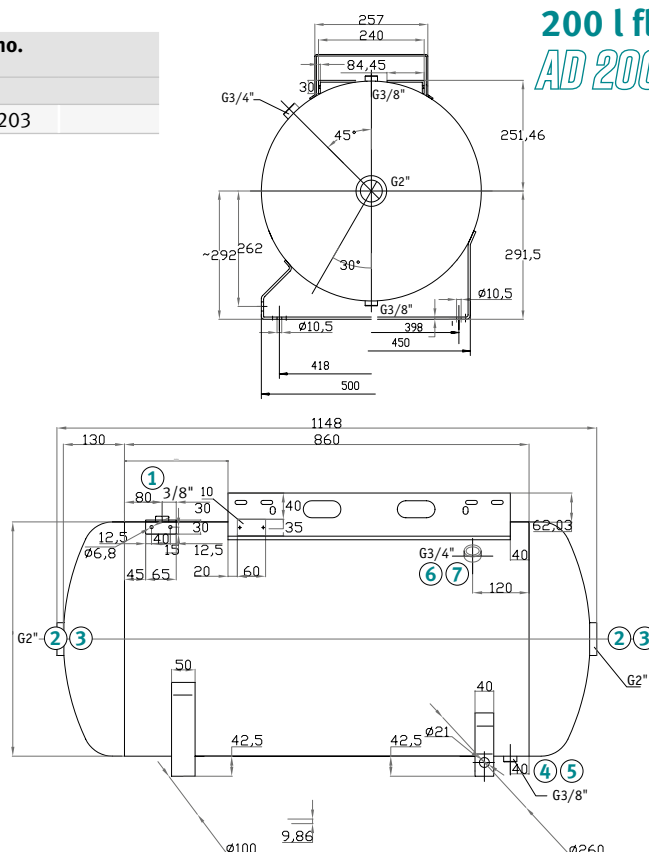
Type	Pressure	Tank capacity	weight	Art. no.
	bar	l	kg	
ACDB 200/10 H galvanised AD 2000	10	200	90	2500203

200 l flat AD 2000

Fitting set, complete for ACDB 200/10 H

Pres- sure	For compressed air vessels	Art. no.
10 bar	200 l flat	2500576
unit	Type	
①	1	Safety valve 3/8" 10 bar
②	2	Reducing nipple R 2" (OT)-RP 1/4" (IT)
③	2	Ball valve 1 1/4" IT/OT
④	1	Angle 90° 3/8" IT/OT
⑤	1	Ball valve 3/8" IT/OT
⑥	1	Reducing nipple R 3/4" (OT)-RP 1/4" (IT)
⑦	1	Pressure gauge 1/4" 0-16 bar, flat

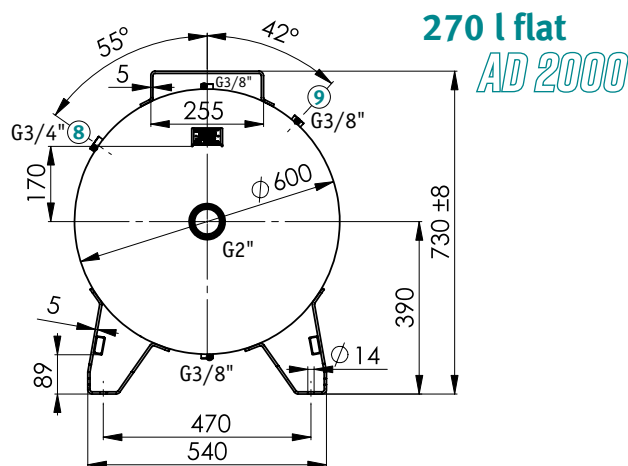
Accessories	Art. no.
Wheel axle L: 675 mm	2500968
PU foam wheel Ø260 x 20 mm	2505629
Steering roller with metal brake	2505562



Compressed air vessels

Horizontal type (AD 2000)

Type	Pressure	Tank capacity	weight	Art. no.
	bar	l	kg	
ACDB 270/10 H galvanised	10	270	74	2500269
ACDB 270/15 H galvanised	15	270	84	2500299

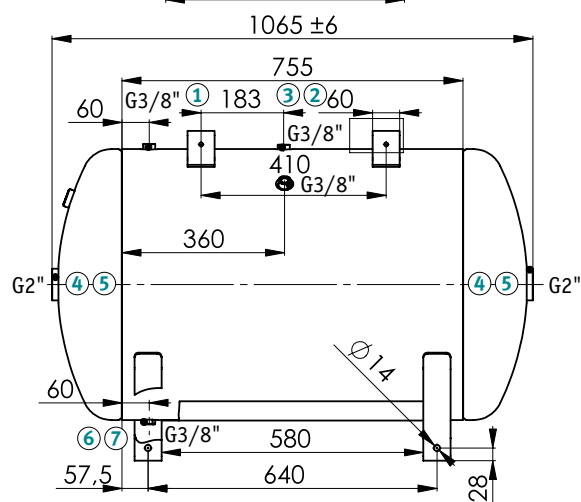


Fitting set, complete for ACDB 270/10 H

Pres- sure	For compressed air vessels	Art. no.
10 bar	270 l flat	2500577
unit	Type	
①	1	Safety valve 3/8\" 10 bar
②	1	Pressure gauge 1/4\" 0-16 bar, upright
③	1	Reducing nipple R 3/8\" (OT)-RP 1/4\" (IT)
④	2	Reducing nipple R 2\" (OT)-RP 1 1/4\" (IT)
⑤	2	Ball valve 1 1/4\" IT/OT
⑥	1	Angle 90° 3/8\" IT/OT
⑦	1	Ball valve 3/8\" IT/OT
⑧	1	Blind plug 3/4\"
⑨	1	Blind plug 3/8\"

Fitting set, complete for ACDB 270/15 H

Pres- sure	For compressed air vessels	Art. no.
15 bar	270 l flat	2500578
unit	Type	
①	1	Safety valve 3/8\" 15 bar
②	1	Pressure gauge 1/4\" 0-25 bar, upright
③	1	Reducing nipple R 3/8\" (OT)-RP 1/4\" (IT)
④	2	Reducing nipple R 2\" (OT)-RP 1 1/4\" (IT)
⑤	2	Ball valve 1 1/4\" IT/OT
⑥	1	Angle 90° 3/8\" IT/OT
⑦	1	Ball valve 3/8\" IT/OT
⑧	1	Blind plug 3/4\"
⑨	1	Blind plug 3/8\"



Horizontal type (AD 2000)

Type	Pressure	Tank capacity	weight	Art. no.
	bar	l	kg	
ACDB 500/10 H galvanised	10	500	100	2500500
ACDB 500/15 H galvanised	15	500	125	2500505



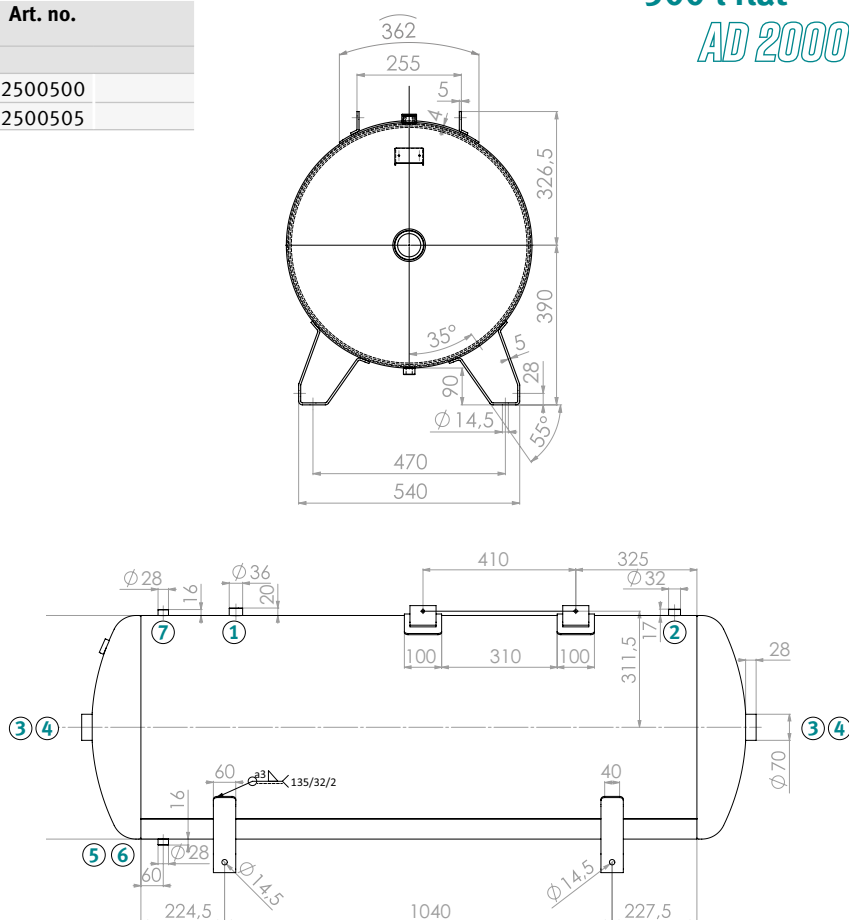
Fitting set, complete for ACDB 500/10 H °°

Pres- sure	For compressed air vessels	Art. no.
10 bar	500 l flat	2500579
unit	Type	
①	1	Safety valve 3/4\" 10 bar
②	1	Pressure gauge 1/2\" 0-16 bar, upright
③	2	Reducing nipple R 2\" (OT)-RP 1 1/4\" (IT)
④	2	Ball valve 1 1/4\" IT/OT
⑤	1	Angle 90° 3/8\" IT/OT
⑥	1	Ball valve 3/8\" IT/OT
⑦	1	Blind plug 3/8\"

Fitting set, complete for ACDB 500/15 H

Pres- sure	For compressed air vessels	Art. no.
15 bar	500 l flat	2500580
unit	Type	
①	1	Safety valve 3/4\" 15 bar
②	1	Pressure gauge 1/2\" 0-25 bar, upright
③	2	Reducing nipple R 2\" (OT)-RP 1 1/4\" (IT)
④	2	Ball valve 1 1/4\" IT/OT
⑤	1	Angle 90° 3/8\" IT/OT
⑥	1	Ball valve 3/8\" IT/OT
⑦	1	Blind plug 3/8\"

500 l flat
AD 2000



COMPONENTS FOR COMPRESSED AIR SYSTEMS



Compressed air energy savers - saves compressed air and energy

- ▶ Shuts off the compressed air vessel from the remaining air network at the end of the working day; this means that the compressed air content stays in the vessel
- ▶ Opens automatically at the preset shift start, and shuts-off at the end of the shift
- ▶ Multiple shifts can be configured daily – thanks to microprocessor control and 7 day timer program
- ▶ Slow 90° ball valve rotation in 30 seconds for G1, or 105 seconds for G2 avoids backlash on opening and closing
- ▶ With FPM seals and stainless steel balls
- ▶ Brass nickel-plated valve body
- ▶ 24 hour timer display
- ▶ Operating temperature: 0°C to 60°C
- ▶ Operating voltage: 115 V or 230 V AC/DC 50/60 Hz
- ▶ Power consumption: 7 W during cycle switch
- ▶ Max. temperature: 50°C ambient temperature, 100°C medium temperature
- ▶ Pressure range: 0 to 16 bar
- ▶ Protection class: IP 54



Energy saver G1

Energy saver G2

Type	Art. no.
Energy saver G1, connection: IT 1"	2150001
Energy saver G2, connection: IT 2"	2150003

Remote control option for Aircraft energy savers

- ▶ Matches art. nos. 2100001 and 2150003



Type	Art. no.
Remote control with 5 m cable	2150002

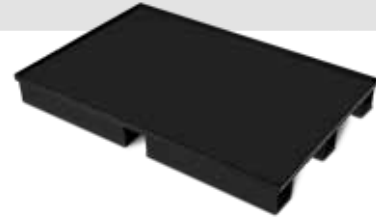
Ball valves

- ▶ Suitable for compressed air with full free passage
- ▶ Temperature resistant from -20 °C to +180 °C



Type		Art. no.
R 3/8" IT	3/8" IT	2507710
R 3/8" IT	3/8" OT	2507711
R 1/2" IT	1/2" IT	2507712
R 1/2" IT	1/2" OT	2507714
R 3/4" IT	3/4" IT	2507715
R 3/4" IT	3/4" OT	2507716
R 1" IT	1" IT	2507720
R 1" IT	1" OT	2507721
R 1 1/4" IT	1 1/4" IT	2507725
R 1 1/4" IT	1 1/4" OT	2507726
R 1 1/2" IT	1 1/2" IT	2507730
R 1 1/2" IT	1 1/2" OT	2507731
R 2" IT	2" OT	2507741

Safety pallet SSP



Type	Art. no.
1 200 x 800 x 140 mm	2030103

Electromagnetic start-up relief 24 V AC



Type	Art. no.
normally closed	2506015
normally open	2506017

Noise-insulation for electromagnetic start-up relief

- ▶ Made of sintered bronze



Type	Art. no.
Sound absorber 3/8"	020113346

Star-delta switch

- ▶ Ready for connection, fully wired in wall mounting cabinet
- ▶ Incl. connecting cable to air compressor
- ▶ Housing lockable, protection class IP 54
- ▶ With operating hour counter
- ▶ Operations on compressor only with electromagnetic start-up relief, 24 V AC, normally closed, Art. no. 2506015



Type	Art. no.
Star-delta switch 400 Volt to 7.5 kW motors	2506010

AIRCRAFT Tandem control

- ▶ For time-delayed switching on and off of two compressors
- ▶ During maintenance of an air-end, the compressor can continue running with a single air-end
- ▶ Control principle: time delay setting, one overload relay per motor, one operating hours display per compressor, separate shutdown of the two compressors



Type	Art. no.
Tandem control	2506013

Components for compressed air systems

AIRCRAFT base load cyclic load control

- For controlling two compressors each with an output of 4.0 or 5.5 kW
- Cyclic changes of basic and peak-load compressor
- Two operating hour counters integrated
- Actual pressure value measured by pressure sensor 0 - 16 bar
- Adjustable motor circuit breaker
- Adjustable switch-on pressure
- Including control for relief valve 24 V DC (e.g., solenoid valve, Art. no. 2506016, solenoid valves not included in scope of delivery)
- Includes connection option for safety switch (e.g., CONDOR MDR2, Art.no. 2506214, pressure vessel not included in scope of delivery)



Type	Art. no.
Base load cyclic load control	2506020

Condensate drain valve



Type	Art. no.
1/4"	2507307
3/8"	2507310

Non-return valves with connection for 6 mm relief line



Type	Art. no.
RS valve 1/2" OT x 3/8" OT	2507510
RS valve 1/2" OT x 1/2" OT	2507512
RS valve 3/4" OT x 3/4" OT	2507516

Hood with operating hour counter for pressure switch



Type	Art. no.
matches CONDOR MDR 3 model	2506301

Motor protection switch



Type	Art. no.
Motor circuit breaker 2-phase, 4 Amp.	2506504
Motor circuit breaker 2-phase, 7 Amp.	2506507
Motor circuit breaker 2-phase, 10 Amp.	2506510
Motor circuit breaker 1-phase, 10 Amp.	04105169
Motor circuit breaker 1-phase, 12 Amp.	2506612
Motor circuit breaker 1-phase, 14 Amp.	2506614

Pressure gauge



Type	Art. no.
Ø 40 mm, 1/8" rear, 10 bar	2506440
Ø 50 mm, 1/8" side, 10 bar	2506451
Ø 50 mm, 1/4" side, 10 bar	2506452
Ø 50 mm, 1/4" rear, 16 bar	2506450
Ø 63 mm, 1/4" rear, 10 bar	2506460
Ø 63 mm, 1/4" rear, 15 bar	2506465

Safety valves/pressure control valves category IV CE 97/23



Type	Art. no.
10 bar 1/4" OT, 1170 NI/min	2507210
13 bar 1/4" OT, 3070 NI/min	2507213
15 bar 1/4" OT, 4400 NI/min	2507215
10 bar 3/8" OT, 3050 NI/min	2507121
15 bar 3/8" OT, 4400 NI/min	2507124
10 bar 1/2" OT, 3970 NI/min	2507126
15 bar 1/2" OT, 5790 NI/min	2507127
10 bar 3/4" OT, 10900 NI/min	2507128
15 bar 3/4" OT, 24850 NI/min	2507129



MDR 2



MDR 3



MDR 4

Pushbutton	Design	Switching capacity kW	Vertical connection "	Horizontal connections "	Switch-off pressure bar	Preset switch-off pressure bar	Motor circuit breaker insert	Art. no.	
MDR 2 / 11 bar	Alternating current	2.2	3/8	3 x 1-4	4 – 12	6 – 8	no	2506214	
► Switch-on/off pressure adjustable									
► With on/off switch									
► 2-way (NC contact)									
► Including relief valve									
MDR 4 / 16 A / 8-16 bar	3-phase current	5.5	1/4	3 x 1-4	6 – 16	7.8 – 9.8	no	2506300	
► Switch-on/off pressure adjustable	3-phase current	5.5	3/8	3 x 1-4	4 – 11	7.8 – 9.8	Yes	2506303	
MDR 3 / 4-6.3 A / 11 bar	3-phase current	7.5	3/8	3 x 1-4	4 – 11	7.8 – 9.8	Yes	2506304	
► With on/off switch	3-phase current	7.5	3/8	3 x 1-4	4 – 11	7.8 – 9.8	Yes	2506305	
MDR 3 / 6.3-10 A / 11 bar	3-phase current	7.5	3/8	3 x 1-4	6 – 16	10.8 – 12.8	Yes	2506307	
► 3-way (NC contact)									
MDR 3 / 10-16 A / 11 bar									
► Including relief valve									
MDR 3 / 10-16 A / 16 bar									

Push-in connector for 8 mm line



Connection	Design	Bar max.	Art. no.
1/8" OT x 8 mm	straight	15	020109116
2 x 8 mm	straight	15	020109795
2 x 8 mm	Bracket	16	020108756
① 3/8" OT x 8 mm	Bracket	16	020108620
② 1/4" OT x 8 mm	straight	16	020108588
③ 3 x 8 mm	T-piece	16	020108764

Push-in connector for 6 mm line



Connection	Design	Bar max.	Art. no.
① 1/8" OT x 6 mm	straight	15	020109115
② 1/8" OT x 6 mm	Bracket	15	020109262
1/4" OT x 6 mm	straight	16	020108587

Push-in connector for 4 mm line



Connection	Design	Bar max.	Art. no.
① 1/8" OT x 4 mm	straight	16	020108856
M5 OT x 4 mm	Bracket	15	020109259
② M5 OT x 4 mm	T-piece	15	020109471
M5 OT x 4 mm	straight	16	020108854

Polyamide lines

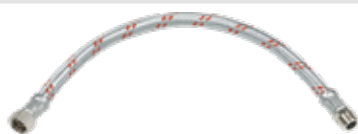
Bulk



Type	Art. no.
Ø 4 mm external, max. 49 bar	020194139
Ø 6 mm external, max. 27 bar	020113523
Ø 8 mm external, max. 21 bar	020194169

Armoured hoses

- For connecting compressors to compressed air vessels or piping systems with removable double nipple
- One connection each with inside and outside thread



IT/OT	Length	Operating pressure	Art. no.
3/8"	400 mm	15 bar	2507610
3/8"	570 mm	15 bar	2507612
1/2"	500 mm	15 bar	2507615
1/2"	1 500 mm	15 bar	2507617
3/4"	550 mm	15 bar	2507621
3/4"	630 mm	15 bar	2507622
3/4"	800 mm	15 bar	2507624
3/4"	1 500 mm	15 bar	2507625

Screw lock

- Medium tight for gap 0.05 - 0.25



Type	PU	Art. no.
Screw lock 10 g	1	2500022
Screw lock 50 g	1	2500023
Screw lock 250 g	1	2500024

Running wheels



Type	Art. no.
① Steering roller with metal brake	2505562
Wheel axle L: 460 mm for 50 l pressure vessel	2500966
Wheel axle L: 495 mm for 100 l pressure vessel	2500967
Wheel axle L: 675 mm for 200 l pressure vessel	2500968
Star lock cap for wheel axle Ø 20 mm	2505505
② PU foam wheel diameter 260 x 20 mm, puncture-proof	2505629

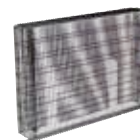
Damper elements as substructure for tanks, power units, etc.



Type	Art. no.
Levelling platen SE 1 (120 x 32 mm/M12)	3381012
Rubber damper SE 2 - 100 x 38 mm / M10 with single-sided thread	2505640
Rubber damper SE 3 - 70 x 38 mm / 2 x M10, with two-sided thread	2505650
Rubber damper SE 4 - 30 x 20 mm / 2 x M8, with two-sided thread	2505630

Safety grille metal

For models as of year of construction 2009



Type	Art. no.
570 x 780 mm, for stationary models	2501211
380 x 600 mm for 50 l tanks	2501215
470 x 730 mm for 100 l tanks	2501218

Oils



	Art. no.
Special oil RoOil Simco 32 E for Airboy Silence 50 Pro 0.5 l bottle	2500016
Special oil RSX 100 for Rotal piston compressors 1 l bottle	2500017
Mineral oil 20W-30 piston compressors 1 l bottle	2500012
5 l Canister	2500015
Oil Rot-Energy-Plus, 46 cSt – 1 canister 3.75 l	0600000018A
Mineral oil ROTAR ECOFLUID 46 for screw-type compressors	
Mineral oil ROTAR ECOFLUID 46 3.8 l	0600000020
Mineral oil ROTAR ECOFLUID 46 20 l	0600000021
Mineral oil ROTAR ECOFLUID 46 210 l barrel	0600000022

Air filter cartridge for screw-type compressors

Type	Art. no.
Air filter cartridge 31 – 55 kW	0017083000
Air filter cartridge 1 000 h	0017092000
Air filter cartridge 1 000 h	0017093000
Air filter cartridge 18.5 – 22 kW	0017101000

