



» Pressure tank FS-MO-3B-ZKG

For a higher demand of beer we also offer bigger tanks approved and constructed till 3 bar working pressure, customized individually for your needs. This cylindrical-conical fermentation tank is ideal for the main fermentation and maturing. The yeast is gathered in the centre of the cone at the bottom of the tank.

Depending on the model, the yeast can be removed at the bottom outlet. Alternatively, a racking outlet at the cone can be used to extract the clarified beer. This model is mostly used with the one tank method.



APPLICATION RANGE

- › Fermentation
- › Maturation
- › Storage

- Ideal for
- › Beer
 - › All kinds of beverages
 - › Food

STANDARD EQUIPMENT FOR PRESSURE TANK FS-M0-3B-ZKG

- › Tank shell made of stainless steel AISI 304 (V2A), IIIc / III d
- › Cone bottom approx. 60° made of stainless steel AISI 304 (V2A), surface IIIc / III d
- › Surface outside marbled or brushed
- › Ladder safety bow (from 2,000 mm tank height onward)
- › Free-standing on welded-on pipe legs
- › Made in compliance with pressure equipment guidelines 2014 / 68 / EU

SAMPLING

- › Weld-on thread NW 10 DIN 11851 (for the installation of the sample tap)

FILLING DOME AT 300 LITRES (3.0 HL)

- › Filling dome NW 400 with flap lid

MANHOLE FROM 800 LITRES (8.0 HL) UPWARDS

- › Welded stable manhole neck 340 x 440 mm, door with swivelling handle and toggle nut

CLEANING PIPE FROM 800 LITRES (8.0 HL) UPWARDS

- › Cleaning spray head, drill hole 360° with spray head holder, including cleaning pipe, connection thread NW 40

BOTTOM OUTLET

- › Dimensionally stable cone bottom approx. 60°, with outlet pipe drawn forward, outlet NW 40 DIN 11851

TYPE PLATE

- › Mounted on tank edge

SAFETY VALVE

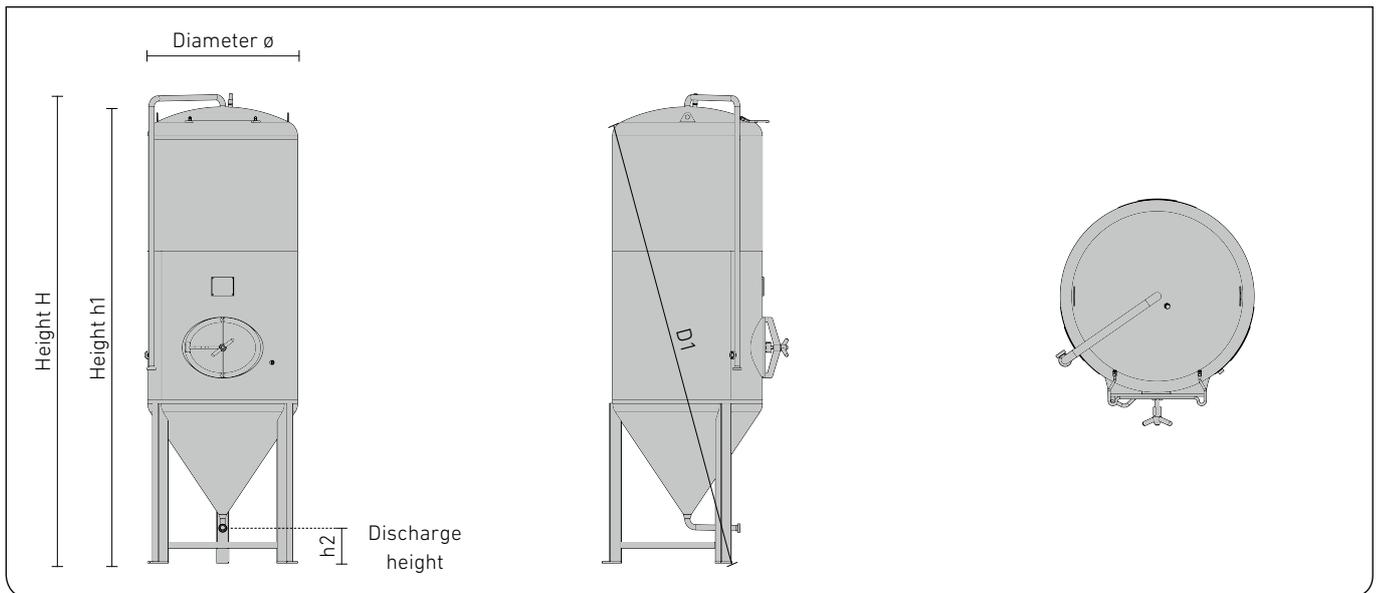
- › Set to 3.0 bar operating pressure, mounted on tank top



SET-UP EXAMPLE FOR PRESSURE TANK FS-MO-3B-ZKG

	Item	Order No.
	<p>Pressure tank FS-MO-160-3B-5500 litres</p> <ul style="list-style-type: none"> › h1 = 4,172 mm, $H_{ges} = 4,172 \text{ mm (h1)} + 150 \text{ mm (cleaning pipe)} + \text{approx. } 100 \text{ mm (height compensation)}$ = 4,422 mm › Standard equipment as on page 103 	FS-MO-160-5500-3B-ZKG
	<p>Cleaning pipe (page 167)</p> <ul style="list-style-type: none"> › With disc valve NW 40 	61375
	<p>Sampling (page 171)</p> <ul style="list-style-type: none"> › With sampling tap NW 10 DIN 11851 › With spiral 	83922 83866
	<p>Racking outlet (page 167)</p> <ul style="list-style-type: none"> › Racking outlet and bottom outlet armature 50 / 40 › With disc valve NW 40 DIN 11851 	88863 61375
	<p>Bottom outlet (page 167)</p> <ul style="list-style-type: none"> › With disc valve NW 40 DIN 11851 	61375
	<p>Bunging apparatus (page 181)</p> <ul style="list-style-type: none"> › Bung pressure regulation ("Kellerfee") › Up to 3 bar for junction NW 25 DIN 11851 on cleaning pipe 	81457
	<p>Heating and cooling jacket (page 128)</p> <ul style="list-style-type: none"> › Double jacket A 2,9m² with welded gland thread G 1" for connection to available warm water / cold water source › Version 1, connection position A1 › With cone double jacket 3.0m² 	1A1 1A1
	<p>Temperature measurement (page 174)</p> <ul style="list-style-type: none"> › Bi-metal dial thermometer ø 100 mm, measuring range - 20 °C to + 60 °C › Length = 125 mm › Including welded-on sleeve for thermometer 	TM-140F
	<p>Fill level (page 172)</p> <ul style="list-style-type: none"> › Fill level indicator NW 10 DIN 11851 with litre scale › Closed version › Connection between level indicator and cleaning pipe 	FS-130I VL50A
	<p>Adjustable feet (page 177)</p> <ul style="list-style-type: none"> › With adjustable feet for tank legs (H=+ approx. 100 mm) 	46126
	<p>TÜV-fees (fees for German Technical Control Board) including technical approval and documentation</p>	TÜV-001

DIMENSIONS OF PRESSURE TANK FS-MO-3B-ZKG



PRESSURE TANK FD-3B-ZKG Ø 630 MM

Capacity litres	Capacity hl	ø mm	h1 mm	H mm	h2 mm	D1 mm	Order No.
300	3.0	630	1,850	2,000	300	1,924	FD-063-0300-3B-ZKG

PRESSURE TANK FS-MO-3B-ZKG Ø 1,000 MM

Capacity litres	Capacity hl	ø mm	h1 mm	H mm	h2 mm	D1 mm	Order No.
800	8.0	1,000	2,264	2,414	300	2,398	FS-MO-100-0800-3B-ZKG
900	9.0	1,000	2,389	2,539	300	2,546	FS-MO-100-0900-3B-ZKG
1,100	11.0	1,000	2,639	2,789	300	2,785	FS-MO-100-1100-3B-ZKG
1,200	12.0	1,000	2,745	2,895	300	2,915	FS-MO-100-1200-3B-ZKG
1,500	15.0	1,000	3,139	3,289	300	3,267	FS-MO-100-1500-3B-ZKG
1,700	17.0	1,000	3,389	3,539	300	3,510	FS-MO-100-1700-3B-ZKG
1,800	18.0	1,000	3,545	3,695	300	3,654	FS-MO-100-1800-3B-ZKG
2,100	21.0	1,000	3,889	4,039	300	3,998	FS-MO-100-2100-3B-ZKG
2,300	23.0	1,000	4,139	4,289	300	4,244	FS-MO-100-2300-3B-ZKG

PRESSURE TANK FS-MO-3B-ZKG Ø 1,200 MM

Capacity litres	Capacity hl	ø mm	h1 mm	H mm	h2 mm	D1 mm	Order No.
1,700	17.0	1,200	2,851	3,001	300	3,032	FS-MO-120-1700-3B-ZKG
2,000	20.0	1,200	3,101	3,251	300	3,270	FS-MO-120-2000-3B-ZKG
2,500	25.0	1,200	3,601	3,751	300	3,752	FS-MO-120-2500-3B-ZKG
3,000	30.0	1,200	4,007	4,157	300	4,143	FS-MO-120-3000-3B-ZKG
3,300	33.0	1,200	4,351	4,501	300	4,481	FS-MO-120-3300-3B-ZKG

PRESSURE TANK FS-MO-3B-ZKG Ø 1,400 MM

Capacity litres	Capacity hl	Ø mm	h1 mm	H mm	h2 mm	D1 mm	Order No.
2,400	24.0	1,400	3,050	3,200	300	3,262	FS-MO-140-2400-3B-ZKG
2,600	26.0	1,400	3,169	3,319	300	3,381	FS-MO-140-2600-3B-ZKG
3,000	30.0	1,400	3,425	3,575	300	3,625	FS-MO-140-3000-3B-ZKG
3,600	36.0	1,400	3,825	3,975	300	4,015	FS-MO-140-3600-3B-ZKG
4,100	41.0	1,400	4,169	4,319	300	4,339	FS-MO-140-4100-3B-ZKG
4,500	45.0	1,400	4,419	4,569	300	4,581	FS-MO-140-4500-3B-ZKG
4,800	48.0	1,400	4,669	4,819	300	4,825	FS-MO-140-4800-3B-ZKG
5,600	56.0	1,400	5,169	5,319	300	5,313	FS-MO-140-5600-3B-ZKG

PRESSURE TANK FS-MO-3B-ZKG Ø 1,600 MM

Capacity litres	Capacity hl	Ø mm	h1 mm	H mm	h2 mm	D1 mm	Order No.
3,500	35.0	1,600	3,406	3,556	300	3,655	FS-MO-160-3500-3B-ZKG
4,000	40.0	1,600	3,656	3,806	300	3,891	FS-MO-160-4000-3B-ZKG
4,500	45.0	1,600	3,906	4,056	300	4,128	FS-MO-160-4500-3B-ZKG
5,000	50.0	1,600	4,156	4,306	300	4,367	FS-MO-160-5000-3B-ZKG
5,500	55.0	1,600	4,406	4,556	300	4,607	FS-MO-160-5500-3B-ZKG
6,000	60.0	1,600	4,656	4,806	300	4,848	FS-MO-160-6000-3B-ZKG
6,500	65.0	1,600	4,906	5,056	300	5,090	FS-MO-160-6500-3B-ZKG
7,000	70.0	1,600	5,156	5,306	300	5,333	FS-MO-160-7000-3B-ZKG
7,500	75.0	1,600	5,406	5,556	300	5,576	FS-MO-160-7500-3B-ZKG

PRESSURE TANK FS-MO-3B-ZKG Ø 1,800 MM

Capacity litres	Capacity hl	Ø mm	h1 mm	H mm	h2 mm	D1 mm	Order No.
4,750	47.5	1,800	3,641	3,791	300	3,927	FS-MO-180-4750-3B-ZKG
5,400	54.0	1,800	3,891	4,041	300	4,162	FS-MO-180-5400-3B-ZKG
6,000	60.0	1,800	4,141	4,291	300	4,398	FS-MO-180-6000-3B-ZKG
6,600	66.0	1,800	4,391	4,541	300	4,636	FS-MO-180-6600-3B-ZKG
7,200	72.0	1,800	4,641	4,791	300	4,875	FS-MO-180-7200-3B-ZKG
7,800	78.0	1,800	4,891	5,041	300	5,115	FS-MO-180-7800-3B-ZKG
8,500	85.0	1,800	5,141	5,291	300	5,356	FS-MO-180-8500-3B-ZKG
9,100	91.0	1,800	5,391	5,541	300	5,597	FS-MO-180-9100-3B-ZKG
9,700	97.0	1,800	5,641	5,791	300	5,840	FS-MO-180-9700-3B-ZKG

PRESSURE TANK FS-MO-3B-ZKG Ø 2,000 MM

Capacity litres	Capacity hl	Ø mm	h1 mm	H mm	h2 mm	D1 mm	Order No.
6,200	62.0	2,000	3,866	4,016	300	4,191	FS-MO-200- 6200-3B- ZKG
6,900	69.0	2,000	4,116	4,266	300	4,425	FS-MO-200- 6900-3B- ZKG
7,700	77.0	2,000	4,266	4,416	300	4,565	FS-MO-200- 7700-3B- ZKG
8,500	85.0	2,000	4,616	4,766	300	4,896	FS-MO-200- 8500-3B- ZKG
9,200	92.0	2,000	4,866	5,016	300	5,134	FS-MO-200- 9200-3B- ZKG
10,000	100.0	2,000	5,116	5,266	300	5,373	FS-MO-200-10000-3B- ZKG
10,800	108.0	2,000	5,366	5,516	300	5,613	FS-MO-200-10800-3B- ZKG
11,500	115.0	2,000	5,616	5,766	300	5,853	FS-MO-200-11500-3B- ZKG
12,300	123.0	2,000	5,866	6,016	300	6,095	FS-MO-200-12300-3B- ZKG

PRESSURE TANK FS-MO-3B-ZKG Ø 2,200 MM

Capacity litres	Capacity hl	Ø mm	h1 mm	H mm	h2 mm	D1 mm	Order No.
7,800	78.0	2,200	4,099	4,249	300	4,464	FS-MO-220- 7800-3B- ZKG
8,800	88.0	2,200	4,349	4,499	300	4,696	FS-MO-220- 8800-3B- ZKG
9,700	97.0	2,200	4,599	4,749	300	4,930	FS-MO-220- 9700-3B- ZKG
10,500	105.0	2,200	4,849	4,999	300	5,165	FS-MO-220-10500-3B- ZKG
11,500	115.0	2,200	5,099	5,249	300	5,402	FS-MO-220- 11500-3B- ZKG
12,500	125.0	2,200	5,349	5,499	300	5,640	FS-MO-220-12500-3B- ZKG
14,300	143.0	2,200	5,849	5,999	300	6,118	FS-MO-220-14300-3B- ZKG
15,200	152.0	2,200	6,099	6,249	300	6,359	FS-MO-220-15200-3B- ZKG
17,200	172.0	2,200	6,599	6,749	300	6,842	FS-MO-220-17200-3B- ZKG
18,000	180.0	2,200	6,849	6,999	300	7,084	FS-MO-220-18000-3B- ZKG
20,000	200.0	2,200	7,349	7,499	300	7,571	FS-MO-220-20000-3B- ZKG

