



» 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

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

- › Tank shell made of stainless steel AISI 304 (V2A), IIIc / IIIId
- › Tank top made of stainless steel AISI 304 (V2A), IIIc / IIIId
- › Cone bottom approx. 60° made of stainless steel AISI 304 (V2A), surface IIIc / IIIId
- › 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

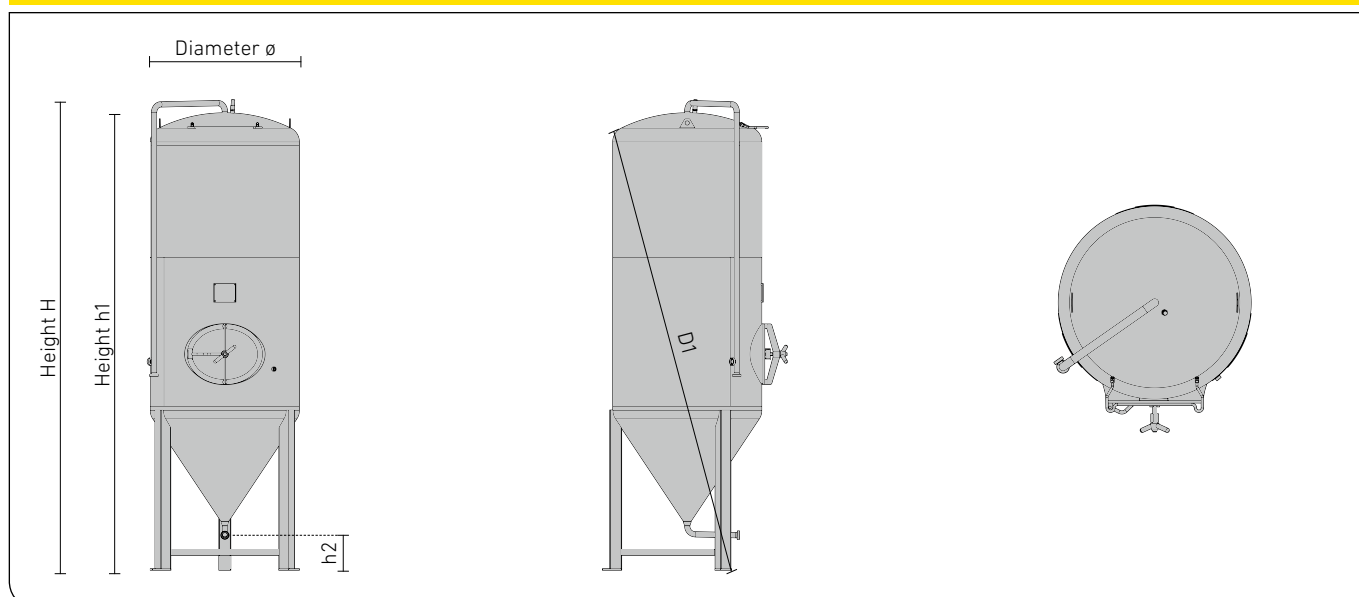
- › Set to 3.0 bar operating pressure, mounted on tank top



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"> › $h_1 = 4,172 \text{ mm}$, $H_{\text{ges}} = 4,172 \text{ mm}$ (h_1) + 150 mm (cleaning pipe) + approx. 100 mm (height compensation) = 4,422 mm › Standard equipment as on page 79 	FS-MO-160-5500-3B-ZKG
	<p>Cleaning pipe (page 137)</p> <ul style="list-style-type: none"> › With disc valve NW 40 	61375
	<p>Sampling (page 141)</p> <ul style="list-style-type: none"> › With sampling tap NW 10 DIN 11851 › With spiral 	83922 83866
	<p>Racking outlet (page 137)</p> <ul style="list-style-type: none"> › Racking outlet and bottom outlet armature 100 / 40 › With disc valve NW 40 DIN 11851 	91999 61375
	<p>Racking outlet (page 137)</p> <ul style="list-style-type: none"> › With disc valve NW 40 DIN 11851 	61375
	<p>Bottom outlet (page 148)</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 100)</p> <ul style="list-style-type: none"> › Double jacket A $2,9 \text{ m}^2$ with welded gland thread G 1" for connection to available warm water / cold water source › Version 1, connection position A1 › With cone double jacket $3,0 \text{ m}^2$ 	1A1 1A1
	<p>Temperature measurement (page 144)</p> <ul style="list-style-type: none"> › Bi-metal dial thermometer $\varnothing 100 \text{ mm}$, measuring range $-20 \text{ }^\circ\text{C}$ to $+60 \text{ }^\circ\text{C}$ › Length = 125 mm › Including welded-on sleeve for thermometer › Including adapter 	TM-140F 83749
	<p>Fill level (page 142)</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 146)</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 FS-MO-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	2,119	2,269	300	2,260	FS-MO-100-0800-3B-ZKG
900	9,0	1,000	2,244	2,394	300	2,390	FS-MO-100-0950-3B-ZKG
1,100	11,0	1,000	2,494	2,644	300	2,640	FS-MO-100-1100-3B-ZKG
1,200	12,0	1,000	2,606	2,756	300	2,750	FS-MO-100-1200-3B-ZKG
1,500	15,0	1,000	2,994	3,144	300	2,130	FS-MO-100-1500-3B-ZKG
1,700	17,0	1,000	3,232	3,382	300	3,370	FS-MO-100-1700-3B-ZKG
1,800	18,0	1,000	3,406	3,556	300	3,540	FS-MO-100-1800-3B-ZKG
2,050	20,5	1,000	3,732	3,882	300	3,870	FS-MO-100-2050-3B-ZKG
2,250	22,5	1,000	3,982	4,132	300	4,120	FS-MO-100-2250-3B-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	2,807	2,957	300	2,960	FS-MO-120-1700-3B-ZKG
2,000	20,0	1,200	2,945	3,095	300	3,100	FS-MO-120-2000-3B-ZKG
2,500	25,0	1,200	3,308	3,458	300	3,460	FS-MO-120-2500-3B-ZKG
3,000	30,0	1,200	3,857	4,007	300	4,010	FS-MO-120-3000-3B-ZKG
3,300	33,0	1,200	4,183	4,333	300	4,330	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	2,885	3,035	300	3,040	FS-MO-140-2400-3B-ZKG
3,000	30.0	1,400	3,280	3,430	300	3,430	FS-MO-140-3000-3B-ZKG
3,600	36.0	1,400	3,681	3,831	300	3,830	FS-MO-140-3600-3B-ZKG
4,000	40.0	1,400	3,931	4,081	300	4,080	FS-MO-140-4000-3B-ZKG
4,400	44.0	1,400	4,181	4,331	300	4,330	FS-MO-140-4400-3B-ZKG
4,700	47.0	1,400	4,431	4,581	300	4,580	FS-MO-140-4700-3B-ZKG
5,500	55.0	1,400	4,931	5,081	300	5,080	FS-MO-140-5500-3B-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	3,661	3,811	300	3,947	FS-MO-180-4750-3B-ZKG
5,400	54.0	1,800	3,911	4,061	300	4,182	FS-MO-180-5400-3B-ZKG
6,000	60.0	1,800	4,161	4,311	300	4,418	FS-MO-180-6000-3B-ZKG
6,600	66.0	1,800	4,411	4,561	300	4,656	FS-MO-180-6600-3B-ZKG
7,200	72.0	1,800	4,661	4,811	300	4,895	FS-MO-180-7200-3B-ZKG
7,800	78.0	1,800	4,911	5,061	300	5,135	FS-MO-180-7800-3B-ZKG
8,500	85.0	1,800	5,161	5,311	300	5,376	FS-MO-180-8500-3B-ZKG
9,100	91.0	1,800	5,411	5,561	300	5,617	FS-MO-180-9100-3B-ZKG
9,700	97.0	1,800	5,661	5,811	300	5,860	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	3,886	4,036	300	4,211	FS-MO-200- 6200-3B- ZKG
6,900	69.0	2,000	4,136	4,286	300	4,445	FS-MO-200- 6900-3B- ZKG
7,700	77.0	2,000	4,286	4,436	300	4,585	FS-MO-200- 7700-3B- ZKG
8,500	85.0	2,000	4,636	4,786	300	4,916	FS-MO-200- 8500-3B- ZKG
9,200	92.0	2,000	4,886	5,036	300	5,154	FS-MO-200- 9200-3B- ZKG
10,000	100.0	2,000	5,136	5,286	300	5,393	FS-MO-200-10000-3B- ZKG
10,800	108.0	2,000	5,386	5,536	300	5,633	FS-MO-200-10800-3B- ZKG
11,500	115.0	2,000	5,636	5,786	300	5,873	FS-MO-200-11500-3B- ZKG
12,300	123.0	2,000	5,886	6,036	300	6,115	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	4,119	4,269	300	4,684	FS-MO-220- 7800-3B- ZKG
8,800	88.0	2,200	4,369	4,519	300	4,716	FS-MO-220- 8800-3B- ZKG
9,700	97.0	2,200	4,619	4,769	300	4,950	FS-MO-220- 9700-3B- ZKG
10,500	105.0	2,200	4,869	5,019	300	5,185	FS-MO-220-10500-3B- ZKG
11,500	115.0	2,200	5,119	5,269	300	5,422	FS-MO-220-11500-3B- ZKG
12,500	125.0	2,200	5,369	5,519	300	5,660	FS-MO-220-12500-3B- ZKG
14,300	143.0	2,200	5,869	6,019	300	6,138	FS-MO-220-14300-3B- ZKG
15,200	152.0	2,200	6,119	6,269	300	6,379	FS-MO-220-15200-3B- ZKG
17,200	172.0	2,200	6,619	6,769	300	6,862	FS-MO-220-17200-3B- ZKG
18,000	180.0	2,200	6,869	7,019	300	7,104	FS-MO-220-18000-3B- ZKG
20,000	200.0	2,200	7,369	7,519	300	7,591	FS-MO-220-20000-3B- ZKG

