



» Pressure tank FS-M0-3B-ZKG

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 | Ideal for |
| › Maturation | › Beer |
| › Storage | |

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

- › Tank shell made of stainless steel AISI 304 (V2A), Il1c/Il1d
- › Cone bottom approx. 60° made of stainless steel AISI 304 (V2A), surface Il1c/Il1d
- › Surface outside marbled or brushed
- › Ladder safety bow (from 2,000 mm tank height onward)
- › Free-standing on welded-on pipe legs

SAMPLING

- › Weld-on thread NW10 DIN 11851 (for the installation of the sample tap)

FILLING DOME AT 280 LITRES (2.8 HL)

- › Filling dome NW400 with flap lid

MAN HOLE FROM 1,000 LITRES (10.0 HL) UPWARDS

- › Welded stable man hole neck with small swivelling doors

CLEANING PIPE FROM 850 LITRES (8.5 HL) UPWARDS

- › Cleaning spray head, drill hole 360° with spray head holder, including cleaning pipe, connection thread NW40

BOTTOM OUTLET











- › Dimensionally stable cone bottom approx. 60°, with outlet pipe (drawn forward), outlet NW40 DIN 11851

TYPE PLATE

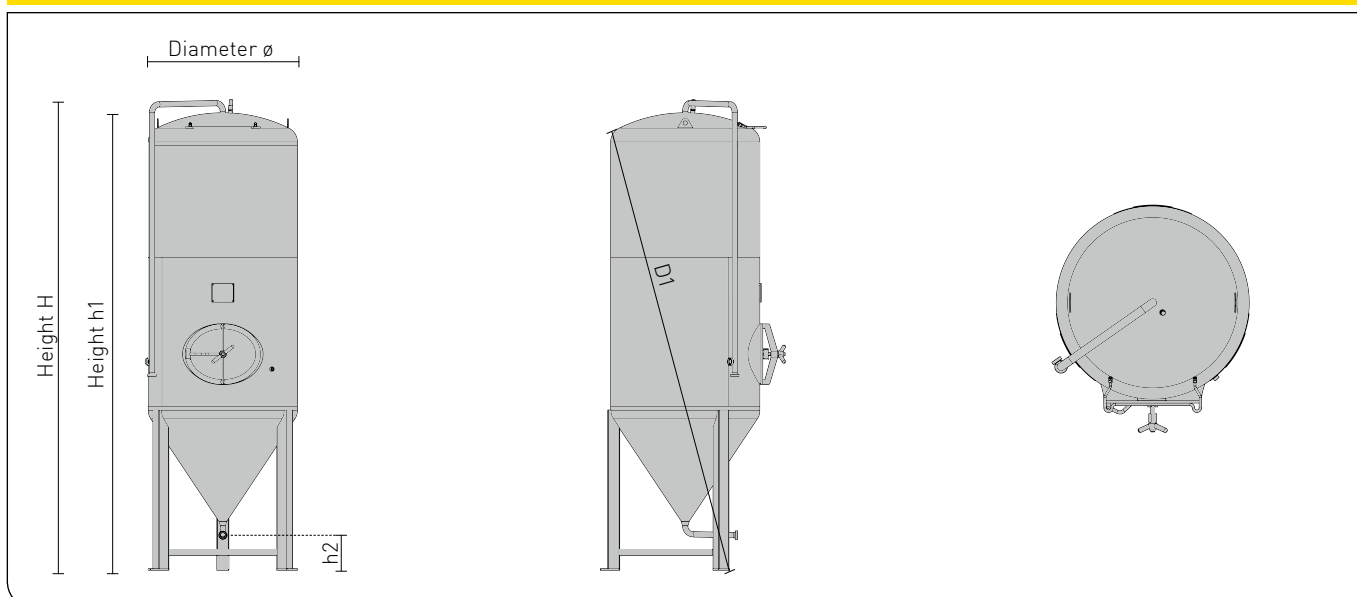
- › Safety valve mounted on tank edge
- › Set to 3.0 bar working pressure, mounted on tank top



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, Hges=4,172 (h1)+ 150 (cleaning pipe) + approx. 100mm (height compensation)=4,422mm › Standard equipment as on page 83 	FS-MO-160-5500-3B-ZKG
	<p>Cleaning pipe (page 133)</p> <ul style="list-style-type: none"> › With disc valve NW40 	61375
	<p>Sampling (page 137)</p> <ul style="list-style-type: none"> › With sampling tap NW 10 DIN 11851 › With spiral 	83922
	<p>Racking outlet (page 133)</p> <ul style="list-style-type: none"> › Racking outlet and bottom outlet armature 50/40 › With disc valve NW40 DIN 11851 	88863
	<p>Bottom outlet (page 133)</p> <ul style="list-style-type: none"> › With disc valve NW40 DIN 11851 	61375
	<p>Bunging apparatus (page 144)</p> <ul style="list-style-type: none"> › Bung pressure regulation ("Kellerfee") › Up to 3bar for junction NW25 DIN 11851 on cleaning pipe 	81457
	<p>Heating and cooling jacket (page 104)</p> <ul style="list-style-type: none"> › Double jacket A 2,9 m² 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 m² 	1A1
	<p>Temperature measurement (page 140)</p> <ul style="list-style-type: none"> › Bi-metal dial thermometer ø 100 mm, measuring range - 20 °C to + 60 °C › Screwed sleeve for thermometer length= 125 mm 	TM-140F
	<p>Fill level (page 138)</p> <ul style="list-style-type: none"> › Fill level indicator NW 10 DIN 11851 with litres scale › Closed version › Connection between level indicator and cleaning pipe 	FS-130I
	<p>Adjustable feet (page 142)</p> <ul style="list-style-type: none"> › With adjustable feet for tank legs (H=+ approx. 100mm) 	46126
<p>TÜV-fees (fees for German Technical Control Board including technical approval and documentation)</p>	TÜV-001	

DIMENSIONS OF PRESSURE TANK FD-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	2,185	2,405	490	2,194	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	2,335	2,485	490	2,173	FS-MO-100-0800-3B-ZKG
900	9.0	1,000	2,460	2,610	490	2,290	FS-MO-100-0950-3B-ZKG
1,100	11.0	1,000	2,710	2,860	490	2,530	FS-MO-100-1100-3B-ZKG
1,500	15.0	1,000	3,210	3,360	490	3,016	FS-MO-100-1500-3B-ZKG
1,700	17.0	1,000	3,460	3,610	490	3,216	FS-MO-100-1700-3B-ZKG
1,900	19.0	1,000	3,710	3,860	490	3,508	FS-MO-100-1900-3B-ZKG
2,100	21.0	1,000	3,960	4,110	490	3,755	FS-MO-100-2100-3B-ZKG
2,300	23.0	1,000	4,210	4,360	490	4,002	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	2,922	3,072	490	2,761	FS-MO-120-1700-3B-ZKG
2,000	20.0	1,200	3,172	3,322	490	3,001	FS-MO-120-2000-3B-ZKG
2,500	25.0	1,200	3,672	3,822	490	3,487	FS-MO-120-2500-3B-ZKG
3,100	31.0	1,200	4,172	4,322	490	3,978	FS-MO-120-3100-3B-ZKG
3,300	33.0	1,200	4,422	4,572	490	4,228	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.
2,600	26.0	1,400	3,240	3,390	490	3,083	FS-MO-140-2600-3B-ZKG
2,950	29.5	1,400	3,490	3,640	490	3,324	FS-MO-140-2950-3B-ZKG
3,700	37.0	1,400	3,990	4,140	490	3,811	FS-MO-140-3700-3B-ZKG
4,100	41.0	1,400	4,240	4,390	490	4,056	FS-MO-140-4100-3B-ZKG
4,500	45.0	1,400	4,490	4,640	490	4,302	FS-MO-140-4500-3B-ZKG
4,800	48.0	1,400	4,740	4,890	490	4,549	FS-MO-140-4800-3B-ZKG
5,600	56.0	1,400	5,240	5,390	490	5,043	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	3,477	3,627	490	3,341	FS-MO-160-3500-3B-ZKG
4,000	40.0	1,600	3,727	3,877	490	3,580	FS-MO-160-4000-3B-ZKG
4,500	45.0	1,600	3,977	4,127	490	3,821	FS-MO-160-4500-3B-ZKG
5,000	50.0	1,600	4,227	4,377	490	4,064	FS-MO-160-5000-3B-ZKG
5,500	55.0	1,600	4,477	4,627	490	4,308	FS-MO-160-5500-3B-ZKG
6,000	60.0	1,600	4,727	4,877	490	4,553	FS-MO-160-6000-3B-ZKG
6,500	65.0	1,600	4,977	5,127	490	4,799	FS-MO-160-6500-3B-ZKG
7,000	70.0	1,600	5,227	5,377	490	5,045	FS-MO-160-7000-3B-ZKG
7,500	75.0	1,600	5,477	5,627	490	5,292	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	3,712	3,862	490	3,595	FS-MO-180-4750-3B-ZKG
5,400	54.0	1,800	3,962	4,112	490	3,832	FS-MO-180-5400-3B-ZKG
6,000	60.0	1,800	4,212	4,362	490	4,072	FS-MO-180-6000-3B-ZKG
6,600	66.0	1,800	4,462	4,612	490	4,314	FS-MO-180-6600-3B-ZKG
7,200	72.0	1,800	4,712	4,862	490	4,557	FS-MO-180-7200-3B-ZKG
7,800	78.0	1,800	4,962	5,112	490	4,801	FS-MO-180-7800-3B-ZKG
8,500	85.0	1,800	5,212	5,362	490	5,046	FS-MO-180-8500-3B-ZKG
9,100	91.0	1,800	5,462	5,612	490	5,291	FS-MO-180-9100-3B-ZKG
9,700	97.0	1,800	5,712	5,862	490	5,537	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	3,937	4,087	490	3,840	FS-MO-200 -6200-3B-ZKG
6,900	69.0	2,000	4,187	4,337	490	4,076	FS-MO-200 -6900-3B-ZKG
7,700	77.0	2,000	4,337	4,487	490	4,314	FS-MO-200 -7700-3B-ZKG
8,500	85.0	2,000	4,687	4,837	490	4,555	FS-MO-200 -8500-3B-ZKG
9,200	92.0	2,000	4,937	5,087	490	4,797	FS-MO-200 -9200-3B-ZKG
10,000	100.0	2,000	5,187	5,337	490	5,040	FS-MO-200-10000-3B-ZKG
10,800	108.0	2,000	5,437	5,587	490	5,284	FS-MO-200-10800-3B-ZKG
11,500	115.0	2,000	5,687	5,837	490	5,528	FS-MO-200 -11500-3B-ZKG
12,300	123.0	2,000	5,937	6,087	490	5,774	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	4,170	4,320	490	4,093	FS-MO-220 -7800-3B -ZKG
8,800	88.0	2,200	4,420	4,570	490	4,328	FS-MO-220 -8800-3B -ZKG
9,700	97.0	2,200	4,670	4,820	490	4,565	FS-MO-220 -9700-3B -ZKG
10,500	105.0	2,200	4,920	5,070	490	4,804	FS-MO-220-10500-3B -ZKG
11,500	115.0	2,200	5,170	5,320	490	5,045	FS-MO-220-11500-3B -ZKG
12,500	125.0	2,200	5,420	5,570	490	5,287	FS-MO-220-12500-3B -ZKG
14,300	143.0	2,200	5,920	6,070	490	5,774	FS-MO-220-14300-3B -ZKG
15,200	152.0	2,200	6,170	6,320	490	6,019	FS-MO-220-15200-3B -ZKG
17,200	172.0	2,200	6,670	6,820	490	6,510	FS-MO-220-17200-3B -ZKG
18,000	180.0	2,200	6,920	7,070	490	6,756	FS-MO-220-18000-3B -ZKG
20,000	200.0	2,200	7,420	7,570	490	7,250	FS-MO-220-20000-3B -ZKG

