

Bohemian pils

- Gravity **12.9 BLG**
- ABV **5.2 %**
- IBU **41**
- SRM **4.3**
- Style **Bohemian Pilsener**

Batch size

- Expected quantity of finished beer **23 liter(s)**
- Trub loss **5 %**
- Size with trub loss **24.1 liter(s)**
- Boil time **90 min**
- Evaporation rate **10 %/h**
- Boil size **30.4 liter(s)**

Mash information

- Mash efficiency **80 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **16.5 liter(s)**
- Total mash volume **22 liter(s)**

Steps

- Temp **55 C**, Time **10 min**
- Temp **64 C**, Time **20 min**
- Temp **72 C**, Time **40 min**
- Temp **76 C**, Time **10 min**

Mash step by step

- Heat up **16.5 liter(s)** of strike water to **60.8C**
- Add grains
- Keep mash **10 min** at **55C**
- Keep mash **20 min** at **64C**
- Keep mash **40 min** at **72C**
- Keep mash **10 min** at **76C**
- Sparge using **19.4 liter(s)** of **76C** water or to achieve **30.4 liter(s)** of wort

Fermentables

Type	Name	Amount	Yield	EBC
Grain	Weyermann - Bohemian Pilsner Malt	5 kg (90.9%)	81 %	4
Grain	Carahell	0.3 kg (5.5%)	77 %	26
Grain	Strzegom Monachijski typ I	0.2 kg (3.6%)	79 %	16

Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Iunga	30 g	90 min	11 %
Boil	Saaz (Czech Republic)	25 g	25 min	4.5 %
Aroma (end of boil)	Saaz (Czech Republic)	15 g	0 min	4.5 %

Yeasts

Name	Type	Form	Amount	Laboratory
Saflager W 34/70	Lager	Slant	200 ml	Fermentis