

# BA Pils/Pilzner 12 Blg

- Gravity **9.3 BLG**
- ABV **3.6 %**
- IBU **34**
- SRM **3.6**
- Style **Bohemian Pilsener**

## Batch size

- Expected quantity of finished beer **20 liter(s)**
- Trub loss **5 %**
- Size with trub loss **21 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **25.3 liter(s)**

## Mash information

- Mash efficiency **65 %**
- Liquor-to-grist ratio **4 liter(s) / kg**
- Mash size **16.8 liter(s)**
- Total mash volume **21 liter(s)**

## Steps

- Temp **64 C**, Time **30 min**
- Temp **72 C**, Time **30 min**
- Temp **78 C**, Time **1 min**

## Mash step by step

- Heat up **16.8 liter(s)** of strike water to **69.5C**
- Add grains
- Keep mash **30 min** at **64C**
- Keep mash **30 min** at **72C**
- Keep mash **1 min** at **78C**
- Sparge using **12.7 liter(s)** of **76C** water or to achieve **25.3 liter(s)** of wort

## Fermentables

Type	Name	Amount	Yield	EBC
Grain	Weyermann - Pilsner Malt	4 kg (95.2%)	81 %	5
Grain	Weyermann - Carapils	0.2 kg (4.8%)	78 %	4

## Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Willamette	40 g	55 min	5 %
Boil	Willamette	25 g	20 min	5 %
Aroma (end of boil)	Willamette	25 g	0 min	5 %

## Yeasts

Name	Type	Form	Amount	Laboratory
W34/70	Lager	Dry	22 g	Fermentis

## Extras

Type	Name	Amount	Use for	Time
Finning	whirflock	1 g	Boil	10 min