

# LOW-ENERGY BOTTLE WASHING MACHINE

## Technical Data CB 6-0,5-R-5,2 ng

<b>Performance</b>	<b>bottles/h</b>	<b>3,000</b>
Control range max.	bottles/h	3,150
Control range min.	bottles/h	1,500
Cycle time	sec.	7.2
Running time	min.	9.2
Bottle length up to	mm	262
Bottle diameter up to	mm	71
<b>Bottles per row</b>	pieces	6
Bottles inside the machine	pieces	462
Bottle cell carrier	pieces	82
<b>Pre-heating:</b>		
Total residence time	sec.	79.2
Treatment time effective	sec.	14.4
<b>Caustic:</b>		
Total residence time	min.	6.1
Bottles filled with caustic soak	min.	4.3
<b>Cooling down area:</b>		
Total residence time	min.	2.6
Treatment time effective	min.	1.4
<b>Spraying time effective:</b>		
Hot caustic	sec.	9.6
Caustic II	sec.	14.4
Warm-water	sec.	14.4
Cold-water	sec.	14.4
Fresh-water max.	sec.	14.4
<b>Container contents:</b>		
Caustic I	m <sup>3</sup>	1.1
Caustic II	m <sup>3</sup>	0.2
Warm-water	m <sup>3</sup>	0.15
Cold-water	m <sup>3</sup>	0.15
<b>Water consumption for 0,5 l bottles</b>	m <sup>3</sup> /h	0.75
Heat consumption while heating the caustic from 15°C to 80°C	kJ x 1000	320
Heat consumption while operating, caustic 80°C	kJ/h x 1000	350
Power connected load	kW	6
Operating weight	t	7

Consumption specifications refer to fresh-water 8-13°C, wastewater 35-43°C, bottle infeed 28-33°C, room temperature 15°C, bottle temperature at infeed 15°C  
Exchange ratio: 1000 kJ  $\cong$  238.8 kcal  $\cong$  0.45 kg low pressure steam  $\cong$  0.278 kWh