

# LOW-ENERGY BOTTLE WASHING MACHINE

## Technical Data CB 6-0,5-R-7,2 BV ng

<b>Performance</b>	<b>Bottles/h</b>	<b>4,000</b>
Control range max.	Bottles/h	4,200
Control range min.	Bottles/h	2,000
Cycle time	sec.	5.4
Running time	min.	8.3
Bottle length up to	mm	262
Bottle diameter up to	mm	90
Bottles per row	Pieces	6
Bottles inside the machine	Pieces	552
Bottle cell carrier	Pieces	96
Pre-heating:		
Total residence time	sec.	43.2
Treatment time effective	sec.	10.8
Caustic:		
Total residence time	min.	5.7
Bottles filled with caustic soak	min.	4.0
Cooling down area:		
Total residence time	min.	2.5
Treatment time effective	min.	1.4
Spraying time effective:		
Hot caustic	sec.	10.8
Caustic II	sec.	14.4
Warm-water	sec.	14.4
Cold-water	sec.	14.4
Fresh-water max.	sec.	14.4
Container contents:		
Caustic I	m <sup>3</sup>	2.0
Caustic II	m <sup>3</sup>	0.2
Warm-water	m <sup>3</sup>	0.2
Cold-water	m <sup>3</sup>	0.2
Water consumption for 0,5 l bottles	m <sup>3</sup> /h	1.0
Heat consumption while heating the caustic from 15°C to 80°C	kJ x 1000	550
Heat consumption while operating, caustic 80°C	kJ/h x 1000	460
Power connected load	kW	11
Operating weight	t	8,5

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