

# LOW-ENERGY BOTTLE WASHING MACHINE

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

<b>Performance</b>	<b>bottles/h</b>	<b>2,500</b>
Control range max.	bottles/h	2,625
Control range min.	bottles/h	1,250
Cycle time	sec.	7.2
Running time	min.	8.2
Bottle length up to	mm	262
Bottle diameter up to	mm	90
Bottles per row	pieces	5
Bottles inside the machine	pieces	340
Bottle cell carrier	pieces	72
Pre-heating:		
Total residence time	sec.	57.6
Treatment time effective	sec.	14.4
Caustic:		
Total residence time	min.	5.4
Bottles filled with caustic soak	min.	3.8
Cooling down area:		
Total residence time	min.	2.3
Treatment time effective	min.	1.3
Spraying time effective:		
Hot caustic	sec.	9.6
Caustic II	sec.	14.4
Warm-water	sec.	14.4
Cold-water	sec.	9.6
Fresh-water max.	sec.	14.4
Container contents:		
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
Water consumption for 0,5 l bottles	m <sup>3</sup> /h	0,6
Heat consumption while heating the caustic from 15°C to 80°C	kJ x 1000	315
Heat consumption while operating, caustic 80°C	kJ/h x 1000	290
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