

# LOW-ENERGY BOTTLE WASHING MACHINE

## Technical Data CB 10-0,5-R-7,2 ng

<b>Performance</b>	<b>bottles/h</b>	<b>7,500</b>
Control range max.	bottles/h	7,875
Control range min.	bottles/h	3,750
Cycle time	sec.	4.8
Running time	min.	8.4
Bottle length up to	mm	262
Bottle diameter up to	mm	71
Bottles per row	pieces	10
Bottles inside the machine	pieces	1,050
Bottle cell carrier	pieces	110
Pre-heating:		
Total residence time	sec.	52.8
Treatment time effective	sec.	9.6
Caustic:		
Total residence time	min.	5.9
Bottles filled with caustic soak	min.	4.0
Cooling down area:		
Total residence time	min.	2.4
Treatment time effective	min.	1.3
Spraying time effective:		
Hot caustic	sec.	9.6
Caustic II	sec.	12.8
Warm-water	sec.	12.8
Cold-water	sec.	12.8
Fresh-water max.	sec.	12.8
Container contents:		
Caustic I	m <sup>3</sup>	2.4
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	1.9
Heat consumption while heating the caustic from 15°C to 80°C	kJ x 1000	685
Heat consumption while operating, caustic 80°C	kJ/h x 1000	860
Power connected load	kW	11
Operating weight	t	9.5

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