LOW-ENERGY BOTTLE WASHING MACHINE

Technical Data
CB 8-1-R-7,2 VdF ng

Performance	**bottles/h**	**5,300**
Control range max.	bottles/h	5,565
Control range min.	bottles/h	2,650
Cycle time	sec.	5.4
Running time	min.	8.4
Bottle length up to	mm	308
Bottle diameter up to	mm	90
Bottles per row	pieces	8
Bottles inside the machine	pieces	744
Bottle cell carrier	pieces	98
Pre-heating:		
Total residence time	sec.	43.5
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.	2.6
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^3	2.4
Caustic II	m^3	0.2
Warm-water	m^3	0.2
Cold-water	m^3	0.2
Water consumption for 0,5 l bottles	m^3/h	1.3
Water consumption for 1 litre VdF bottles	m^3/h	1.9
Water consumption for 1 litre VdF bottles with hot bottle discharge 55°C	m^3/h	1.3
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	610
Heat consumption while operating, caustic 80°C for 1 litre VdF bottles with hot bottle discharge 55°C	kJ/h x 1000	670
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 ≙ 238.8 kcal ≙ 0.45 kg low pressure steam ≙ 0.278 kWh

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