

LOW-ENERGY BOTTLE WASHING MACHINE

Technical Data CB 10-1-R-7,2 VdF ng

| Performance | bottles/h | 6,600 |
|-------------------------------------------------------------------------------------------------------|-------------------|--------------|
| Control range max. | bottles/h | 6,930 |
| Control range min. | bottles/h | 3,300 |
| 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 | 10 |
| Bottles inside the machine | pieces | 930 |
| Bottle cell carrier | pieces | 98 |
| | | |
| Pre-heating: | | |
| Total residence time | sec. | 43.5 |
| Treatment time effective | sec. | 10.9 |
| | | |
| 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 | 2.9 |
| 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 | 1.7 |
| Water consumption for 1 litre VdF bottles | m ³ /h | 2.3 |
| Water consumption for 1 litre VdF bottles with hot bottle discharge 55°C | m ³ /h | 1.7 |
| Heat consumption while heating the caustic from 15°C to 80°C | kJ x 1000 | 830 |
| Heat consumption while operating, caustic 80°C | kJ/h x 1000 | 760 |
| Heat consumption while operating, caustic 80°C for 1 litre VdF bottles with hot bottle discharge 55°C | kJ/h x 1000 | 830 |
| Power connected load | kW | 12.5 |
| Operating weight | t | 10.5 |

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