

DBS-M series upgrades the standard DBS pump, adding a **probe** able to sense the tank's temperature and adjust the motor's speed. This saves the ice bank, **reducing the whole system energy consumption** while ensuring a constant beverage quality. Additional options available on demand.



# DBS-M1

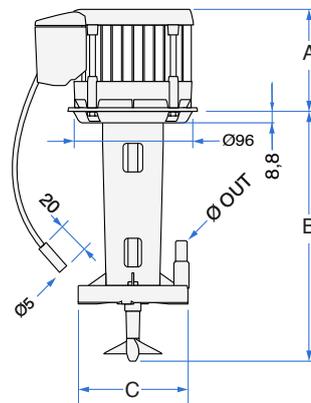
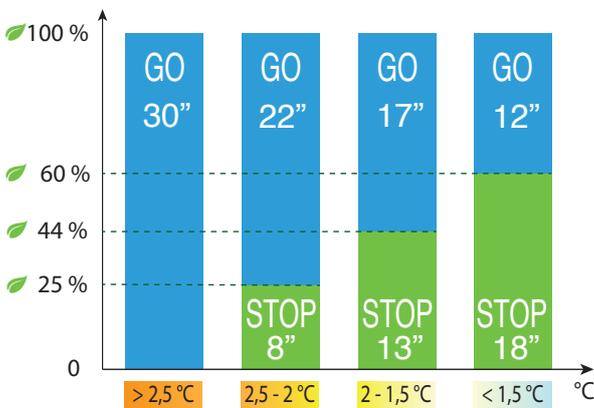
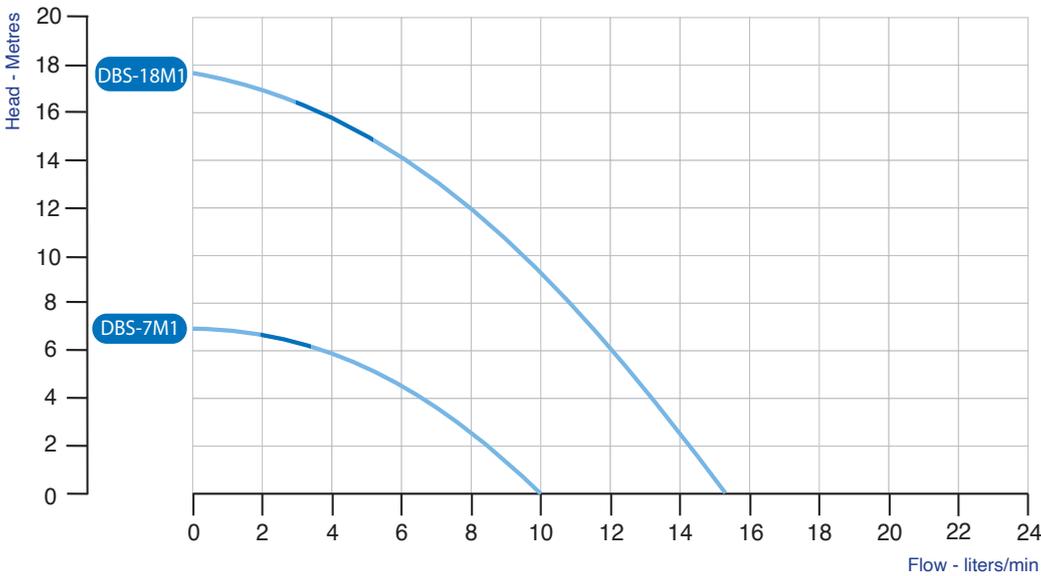
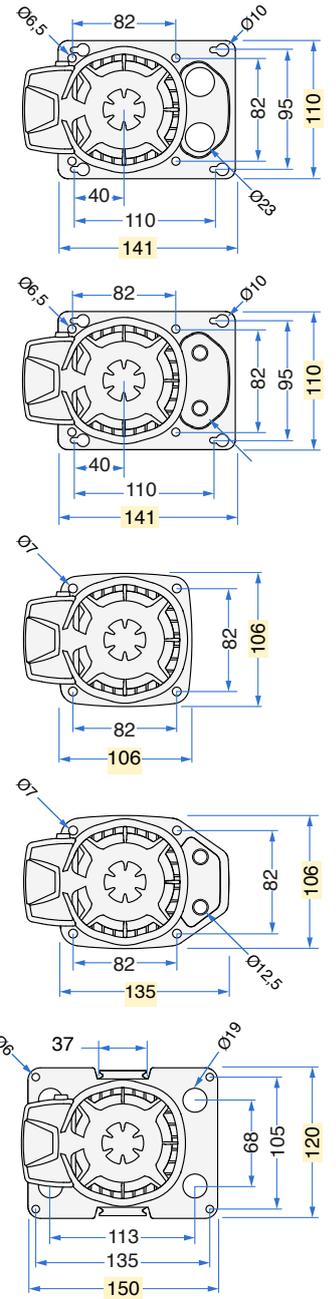
## TECHNICAL SPECIFICATIONS



|                         |  |
|-------------------------|--|
| <b>Category</b>         | AGITATOR-PUMP with immersed vertical axis.   |
| <b>Windings</b>         | Single-phase motor. Insulation Class F.  |
| <b>Motor body</b>       | Extruded aluminium casing.   |
| <b>Protection</b>       | IP 44 ingress protection rating.   |
| <b>Safety</b>           | Built-in thermal motor protection system.  |
| <b>Ball bearings</b>    | Ø 8 mm NSK, SKF or equivalent, in semi-rigid noise-damping silicone casing.  |
| <b>Motor shaft</b>      | AISI 303 INOX steel Ø 8 mm.  |
| <b>Fastening parts</b>  | INOX steel or corrosion-resistant materials.   |
| <b>Motor parts</b>      | Thermoplastic motor parts resistant to high temperature.   |
| <b>Cooling system</b>   | Air cooled pump with a suction speed of 3,1 m/s.   |
| <b>Water connection</b> | Compatible with John Guest fittings.   |
| <b>Operation</b>        | Power supply 220-240 Volts - 24 hours a day non stop. Clean non drinkable water only.  |
| <b>Regulations</b>      | Complying with EN60335-2-41:2003/A2:2010 and WEEE/RoHs directives.   |
| <b>Note</b>             | <b>PATENTED device.</b> Read the instruction booklet for correct set up and use. Designed for industrial use with CE certified cooler machinery only. Not intended for food contact. |



### AVAILABLE FIXING PLATES



| TYPE     | Volt    | Hz | Amp  | Watt (IN) | RPM  | A   | B   | C  | Ø OUT | Propeller Ø [mm]   | Weight [Kg] |
|----------|---------|----|------|-----------|------|-----|-----|----|-------|--------------------|-------------|
| DBS-7M1  | 220-240 | 50 | 0,18 | 43        | 2800 | 82  | 195 | 90 | 9,5   | 50x15°<br>2 Blades | 1,7         |
| DBS-18M1 | 220-240 | 50 | 0,46 | 99        | 2900 | 111 | 232 | 90 | 9,5   | 50x15°<br>2 Blades | 1,8         |