



# TECHNICAL DATA SHEET

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## DESICCANT DRYER

**MODEL**

**HB 10600**

**TYPE**

**HEATED-BLOWER REGENERATION**

### OPERATING DATA

|  |                   |        |
|--|-------------------|--------|
| APPLICATION FLUID                                |                   | AIR    |
| NOMINAL CAPACITY                                 | l/min             | 176667 |
|  | m <sup>3</sup> /h | 10600  |
| <b>NOMINAL CONDITIONS</b>                        | cfm               | 6241   |
| PRESSURE RATE                                    | bar               | 7      |
| INLET AIR TEMPERATURE RATE                       | °C                | 35     |
| PRESSURE DEW POINT                               | °C                | -40    |
| RELATIVE HUMIDITY INLET AIR                      | %                 | 100    |
| PRESSURE DROP (excluding filters)                | bar               | 0,242  |
| TYPICAL DRYING CYCLE COMPLETE                    | h                 | 8      |
| TYPICAL DRYING TIME FOR ONE COLUMN               | h                 | 4      |
| REGENERATION AIR CONSUMPTION (NOMINAL FLOW RATE) | %                 | 0      |

### OPERATING LIMITS

|                               |     |     |
|-------------------------------|-----|-----|
| MINIMUM WORKING PRESSURE      | bar | 5,5 |
| MAXIMUM WORKING PRESSURE      | bar | 10  |
| MAXIMUM INLET AIR TEMPERATURE | °C  | 50  |
| MINIMUM AMBIENT TEMPERATURE   | °C  | 1   |
| MAXIMUM AMBIENT TEMPERATURE   | °C  | 50  |

### GENERAL DATA

|                        |         |          |         |
|------------------------|---------|----------|---------|
| AIR CONNECTION         | IN/OUT  | DN150    | ISO 7/1 |
| POWER SUPPLY           | V/Ph/Hz | 400/3/50 |         |
| HEATER INSTALLED POWER | kW      | 125      |         |
| BLOWER INSTALLED POWER | kW      | 37       |         |
| DESICCANT MEDIUM       | -40     | Alumina  |         |
| ELECTRICAL PROTECTION  |         | IP 54    |         |
| WEIGHT                 | kg      | 7264     |         |

### DIMENSION

|            |    |      |
|------------|----|------|
| HEIGHT (A) | mm | 2707 |
| WIDTH (B)  | mm | 4110 |
| DEPTH (C)  | mm | 2340 |

