



TECHNICAL DATA SHEET

DESICCANT DRYER

Model

KMD300 - 40°C

Type

HEATLESS REGENERATION

Operating data

| | | | |
|---------------------------------------|-------------------|------|--|
| Application fluid | | AIR | |
| Nominal capacity | l/min | 5000 | |
| | m ³ /h | 300 | |
| | cfm | 177 | |
| Nominal conditions | | | |
| Working pressure | barg | 7 | |
| Air inlet temperature | °C | 35 | |
| Pressure dew point | °C | - 40 | |
| Inlet air relative humidity | % | 100 | |
| Pressure drop | bar | 0,2 | |
| Standard complete drying cycle time | min | 10 | |
| Standard drying cycle time per column | min | 5 | |
| Regeneration air consumption | m ³ /h | 54 | |

Without Energy Management System (EMS)

Operating limits

| | | |
|-------------------------------|------|----|
| Minimum working pressure | barg | 4 |
| Maximum working pressure | barg | 14 |
| Maximum inlet air temperature | °C | 50 |
| Minimum ambient temperature | °C | 2 |
| Maximum ambient temperature | °C | 46 |

General data

| | | |
|---------------------|---------|-------------|
| Air connections | IN/OUT | 1"½ BSPP |
| Power supply | V/Ph/Hz | 230/1/50-60 |
| Desiccant medium | | Alumina |
| Electric protection | | IP 54 |
| Weight | kg | 188 |

Dimensions

| | |
|------------|------|
| Height (A) | 1905 |
| Width (B) | 536 |
| Depth (C) | 495 |

