



TECHNICAL DATA SHEET

08U.0080FG.0

Rel.: 02 Sheet: 1/1

Date: 28/01/2020

DESICCANT DRYER

Model

KMD80 - 40°C

Type

HEATLESS REGENERATION

Operating data

| | | |
|---------------------------------------|-------------------|------|
| Application fluid | | AIR |
| Nominal capacity | l/min | 1333 |
| | m ³ /h | 80 |
| | cfm | 47 |
| 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 | 12,6 |

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 | ¾" BSPP |
| Power supply | V/Ph/Hz | 230/1/50-60 |
| Desiccant medium | | Alumina |
| Electric protection | | IP 54 |
| Weight | kg | 60 |

Dimensions

| | |
|------------|------|
| Height (A) | 1318 |
| Width (B) | 475 |
| Depth (C) | 405 |

