

## SCREW AIR COMPRESSOR TECHNICAL SPECIFICATIONS

### LUPAMAT LKV 37/7,5 DHK PREMIUM

| DESCRIPTION                    | SPECIFICATIONS   |
|--------------------------------|--|
| Compressor Type                | Oil Injected Screw Air Compressor  |
| Max. Pressure                  | 7,5 bar  |
| Free Air Delivery (at 7,5 bar) | *7,1 m <sup>3</sup> /min.  |
| Min. Pressure                  | 5 bar  |
| Min. Free Air Delivery         | 3.1 m <sup>3</sup> /min.   |
| Shaft Power (at 7,5 bar)       | 40 kW  |
| Max. Ambient Temperature       | 40°C   |
| Electric Motor                 | 37kW / 50hp; 2 Pole (2970 rpm); 400V; 50Hz; IP55; F Insulation; B35 Built; IE4 Class; SF Motor |
| Cooling System                 | Air Cooling with Axial Fan   |
| Fan Motor & Capacity           | 1,1 kW; (1435 rpm); 400V; 50Hz; --- 6235/249 (m <sup>3</sup> /h)/Pa                            |
| Airend                         | VMX75 RD – AERZEN  |
| Hydraulic Connections          | VITILLO  |
| Cooler                         | AKG  |
| Oil & Air Filters              | MANN+HUMMEL  |
| Suction Control Group          | EAGURT   |
| Electric Components            | SCHNEIDER / MITSUBISHI   |
| Variable Frequency Drive(VFD)  | MITSUBISHI / YASKAWA   |
| Coupling                       | DODGE / REXNORD  |
| R.P.M of Airend                | 3800 rpm   |
| Drive System                   | Direct Driven with Frequency Controller  |
| Outlet Connection & Cable Size | 1 ¼" --- (3x35)+16 mm <sup>2</sup>   |
| Length                         | 1700 mm  |
| Width                          | 1150 mm  |
| Height                         | 1385 mm  |
| Weight                         | 1300 kg  |
| Noise Level                    | **72 dB (A)  |
| Max. Oil Content               | 2-3 ppm.(mg/m <sup>3</sup> )   |
| Warranty                       | Two Years Against Manufacturing Defects  |
| Packing Weight & Dimension     | 1350 kg – 1800 x 1250 x 1550 mm.   |

\* FAD performance measured according to ISO 1217, Annex E – 2009

\*\* Noise Level measured to ISO 2151, Tolerance  $\pm$  3 dB (A)

Lupamat reserves the right to make alterations on given data and compressor design without prior notice.

# Lupamat

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