

## SCREW AIR COMPRESSOR TECHNICAL SPECIFICATIONS

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

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