

## SCREW AIR COMPRESSOR TECHNICAL SPECIFICATIONS

### LUPAMAT LKV 22/13 DHK PREMIUM

DESCRIPTION	SPECIFICATIONS
<b>Compressor Type</b>	Oil Injected Screw Air Compressor
<b>Max. Pressure</b>	13 bar
<b>Free Air Delivery (at 13 bar)</b>	* 3.1 m <sup>3</sup> /min.
<b>Min. Pressure</b>	5 bar
<b>Min. Free Air Delivery</b>	1,55 m <sup>3</sup> /min
<b>Shaft Power (at 13 bar)</b>	25 kW
<b>Max. Ambient Temperature</b>	40 <sup>0</sup> C
<b>Electric Motor</b>	22 kW / 30hp; 2 Pole (2965 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>	0,46 kW; (1365 rpm); 400V --- 50Hz 4800/125 (m <sup>3</sup> /h)/Pa
<b>Airend</b>	VMX37 D – 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>	3400 rpm
<b>Drive System</b>	Direct Driven with Frequency Controller
<b>Outlet Connection &amp; Cable Size</b>	1'' --- (3x16)+10 mm <sup>2</sup>
<b>Length x Width x Height</b>	1400 x 1000 x 1335 mm
<b>Weight</b>	800 kg
<b>Noise Level</b>	**70 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>	860 kg –1500 x 1100 x 1500 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.

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