

## SCREW AIR COMPRESSOR TECHNICAL SPECIFICATIONS

### LUPAMAT LKV 22/10 DHK PLUS

DESCRIPTION	SPECIFICATIONS
<b>Compressor Type</b>	Oil Injected Screw Air Compressor
<b>Max. Pressure</b>	10 bar
<b>Free Air Delivery (at 10 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>Output Power (at 10 bar)</b>	22 kW
<b>Max. Ambient Temperature</b>	40°C
<b>Electric Motor &amp; Capacity</b>	22 kW/30 hp; 2 Pole (2955 rpm); 400V; 50Hz; IP55; F Insulation; B3 Built, IE3 Class
<b>Cooling System</b>	Air Cooling
<b>Fan Motor</b>	0,46 kW; (1365 rpm); 400V; 50Hz --- 4800/125 (m <sup>3</sup> /h)/Pa
<b>Airend</b>	SCA10 – TMC(ITALY)
<b>Hydraulic Connections</b>	GURSAN(TURKEY) / VITILLO(ITALY)
<b>Cooler</b>	AKG(GERMANY)
<b>Oil &amp; Air Filters</b>	MANN+HUMMEL(GERMANY)
<b>Suction Control Group</b>	LUPAMAT(TURKEY) / HOERBIGER(GERMANY)
<b>Electric Components</b>	SCHNEIDER(FRANCE) / MITSUBISHI(JAPAN)
<b>Variable Frequency Drive(VFD)</b>	MITSUBISHI(JAPAN)
<b>Coupling</b>	REXNORD / DODGE(USA)
<b>R.P.M of Airend</b>	3974 rpm
<b>Driving</b>	Direct Driven with Frequency Controller
<b>Outlet Connection &amp; Cable Size</b>	1" – (3x16)+10 mm <sup>2</sup>
<b>Length</b>	1400 mm
<b>Width</b>	1000 mm
<b>Height</b>	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>Shipping Weight &amp; Dimension</b>	840 kg – 1500 x 1100 x 1500 mm

\* FAD performance measured according to ISO 1217, Ed. 4, Annex E-2009

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

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

