

## SCREW AIR COMPRESSOR TECHNICAL SPECIFICATIONS

### LUPAMAT LKV 37/10 DHK PREMIUM

DESCRIPTION	SPECIFICATIONS
Compressor Type	Oil Injected Screw Air Compressor
Max. Pressure	10 bar
Free Air Delivery (at 10 bar)*	6.2 m <sup>3</sup> /min.
Min. Pressure	5 bar
Min. Free Air Delivery	3.1 m <sup>3</sup> /min.
Shaft Power (at 10 bar)	41 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(GERMANY)
Hydraulic Connections	GURSAN(TURKEY) / VITILLO(ITALY)
Cooler	AKG(GERMANY)
Oil & Air Filters	MANN+HUMMEL(GERMANY)
Suction Control Group	HOERBIGER(GERMANY) / LUPAMAT(TURKEY)
Electric Components	SCHNEIDER(FRANCE) / MITSUBISHI(JAPAN)
Variable Frequency Drive(VFD)	MITSUBISHI(JAPAN)
Coupling	DODGE / REXNORD(USA)
R.P.M of Airend	3360 rpm
Drive System	Direct Driven with Frequency Controller
Outlet Connection & Cable Size	1 ¼" --- (3x25)+16 mm <sup>2</sup>
Length	1700 mm
Width	1100 mm
Height	1485 mm
Weight	1300 kg
Noise Level**	70 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 1200 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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