

## SCREW AIR COMPRESSOR TECHNICAL SPECIFICATIONS

### LUPAMAT LKV 45/13 DHK PREMIUM

DESCRIPTION	SPECIFICATIONS
Compressor Type	Oil Injected Screw Air Compressor
Max. Pressure	13 bar
Free Air Delivery (at 13 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 13 bar)	50 Kw
Max. Ambient Temperature	40 <sup>0</sup> C
Electric Motor	45kW / 60hp; 2 Pole (2980 rpm); 400V; 50Hz; IP55; F Insulation; B35 Built; IE4 Class; SF Motor
Cooling System	Air Cooling with Axial Fan
Fan Motor & Capacity	1.5 kW; (1435 rpm); 400V; 50Hz --- 7840/289 (m <sup>3</sup> /h)/Pa
Airend	VMX75 RD – AERZEN(GERMANY)
Hydraulic Connections	VITILLO(ITALY)
Cooler	AKG(GERMANY)
Oil & Air Filters	MANN+HUMMEL(GERMANY)
Suction Control Group	LUPAMAT(TURKEY)
Electric Components	MITSUBISHI(JAPAN) / SCHNEIDER(FRANCE)
Variable Frequency Drive(VFD)	MITSUBISHI(JAPAN)
Coupling	DODGE / REXNORD(USA)
R.P.M Of Airend	3425 rpm
Drive System	Direct Driven with Frequency Controller
Outlet Connection & Cable Size	1 ½" --- (3x50)+25 mm <sup>2</sup>
Length x Width x Height	1850 x 1250 x 1635 mm
Weight	1580 kg
Noise Level	**70 dB (A)
Max. Oil Content	2-3 ppm.(mg/ m <sup>3</sup> )
Warranty	Two Years Against Manufacturing Defects
Shipping Weight & Dimension	1630 kg – 1950 x 1350 x 1800 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

Makina Sanayii A.Ş.

