

## SCREW AIR COMPRESSOR TECHNICAL SPECIFICATIONS

### LUPAMAT LKV 45/7,5 DHK PLUS

DESCRIPTION	SPECIFICATIONS
Compressor Type	Oil Injected Screw Air Compressor
Max. Pressure	7,5 bar
Free Air Delivery (at 7,5 bar)*	7,55 m <sup>3</sup> /min.
Min. Pressure	5 bar
Min. Free Air Delivery	3,1 m <sup>3</sup> /min.
Shaft Power (at 7,5 bar)	45 kW
Max. Ambient Temperature	40 <sup>o</sup> C
Electric Motor	45 kW / 60 hp; 2 Pole (2965 rpm); 400V; 50Hz; IP55; F Insulation; B35 Built; IE3 Class
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	SCA14 – TMC(ITALY)
Hydraulic Connections	GURSAN(TURKEY) / VITILLO(ITALY)
Cooler	AKG(GERMANY)
Oil & Air Filters	MANN+HUMMEL(GERMANY)
Suction Control Group	HOERBIGER(GERMANY) / LUPAMAT(TURKEY)
Electrical Components	MITSUBISHI(JAPAN) / SCHNEIDER(FRANCE)
Variable Frequency Drive(VFD)	MITSUBISHI(JAPAN)
Coupling	DODGE / REXNORD(USA)
R.P.M of Airend	3610 rpm
Driving	Direct Driven with Frequency Controller
Outlet Connection & Cable Size	1 ½" --- (3x35)+16 mm <sup>2</sup>
Length x Width x Height	1700 x 1250 x 1635 mm
Weight	1290 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	1350 kg – 1800 x 1350 x 1785 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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**Lupamat**  
compressor

