

## SCREW AIR COMPRESSOR TECHNICAL SPECIFICATIONS

### LUPAMAT LKV 90/10 DHK PLUS

DESCRIPTION	SPECIFICATIONS
Compressor Type	Oil Injected Screw Air Compressor
Max. Pressure	10 bar
Free Air Delivery (at 10bar)*	12,65 m <sup>3</sup> /min.
Min. Pressure	5 bar
Min. Free Air Delivery	5,2 m <sup>3</sup> /min.
Shaft Power (at 10 bar)	90 kW
Max. Ambient Temperature	40°C
Electric Motor	90 kW / 125 hp; 2 Pole (2978 rpm); 400V; 50Hz; IP55; F Insulation; B35 Built; IE3 Class
Cooling System	Air Cooling with Axial Fan
Fan Motor & Capacity	5,5 kW; (1465 rpm); 400V; 50Hz --- 20051/407 (m <sup>3</sup> /h)/Pa
Airend	ITA18 – TMC(ITALY)
Hydraulic Connections	GURSAN(TURKEY) / VITILLO(ITALY)
Oil & Air Filters	MANN+HUMMEL(GERMANY)
Cooler	AKG(GERMANY)
Suction Control Group	LUPAMAT(TURKEY)
Electrical Supplies	mitsubishi(JAPAN) / SCHNEIDER(FRANCE)
Variable Frequency Drive(VFD)	MITSUBISHI(JAPAN)
Coupling	DODGE / REXNORD(USA)
R.P.M of Airend	4613 rpm
Driving	Direct Driven with Frequency Controller
Outlet Connection & Cable Size	2" --- (3x95)+50 mm <sup>2</sup>
Length x Width x Height	3000 x 1800 x 2000 mm
Weight	3210 kg
Noise Level**	77 dB (A)
Max. Oil Content	2-3 ppm.(mg/m <sup>3</sup> )
Warranty	Two Years Against Manufacturing Defects
Shipping Weight & Dimension	3220 kg – 3100 x 1800 x 2050 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 & compressor design without prior notice.

# Lupamat

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compressor



  
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