

SCREW AIR COMPRESSOR TECHNICAL SPECIFICATIONS

LUPAMAT LKV 45/13 DHK PLUS

| DESCRIPTION | SPECIFICATIONS |
|--------------------------------|----------------------------------------------------------------------------------------|
| Compressor Type | Oil Injected Screw Air Compressor |
| Max. Pressure | 13 bar |
| Free Air Delivery (at 13 bar)* | 5,45 m ³ /min |
| Min. Pressure | 5 bar |
| Min. Free Air Delivery | 3,1 m ³ /min |
| Shaft Power (at 13 bar) | 45kW |
| Max. Ambient Temperature | 40°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 ³ /h)/Pa |
| Airend | SCA13 – TMC(ITALY) |
| Hydraulic Connections | GURSAN(TURKEY) / VITILLO(ITALY) |
| Cooler | AKG(GERMANY) |
| Oil & Air Filters | MANN+HUMMEL(GERMANY) |
| Suction Control Group | LUPAMAT(TURKEY) / HOERBIGER(GERMANY) |
| Electrical Components | MITSUBISHI(JAPAN) / SCHNEIDER(FRANCE) |
| Variable Frequency Drive(VFD) | MITSUBISHI(JAPAN) |
| Coupling | DODGE / REXNORD(USA) |
| R.P.M of Airend | 4255 rpm |
| Driving | Direct Driven with Frequency Controller |
| Outlet Connection & Cable Size | 1 ½" --- (3x35)+16 mm ² |
| Length x Width x Height | 1700 x 1250 x 1635 mm |
| Weight | 1580 kg |
| Noise Level** | 70 dB (A) |
| Max.Oil Content | 2-3 ppm.(mg/m ³) |
| Warranty | Two Years Against Manufacturing Defects |
| Shipping Weight & Dimension | 1630 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 & compressor design without prior notice.

Lupamat

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