

05.01.2015

DRAD 195-4 L

Rosenberg high efficiency radial fans, direct driven, with slippage characteristics. Series ERAE/D, DRAE/D

Single and double inlet casings, made from galvanized steel, with spiral scroll. Impellers with forward curved blades made from galvanized steel, mounted onto the rotor of a speed controllable external rotor motor. The fan is balanced on two levels according to quality class G 2.5, DIN/ISO 1940.

Closed motor, protection class IP 44/54 with protection against humidity and thermal contacts for motor protection. Maintenance free ball bearings, closed on both sides, sealed for life. Electrical connection through terminal box (not connected) in IP 44.

Documentation:

Declaration of incorporation and operating instruction are according to Machinery Directive 2006/42/EC, CE identification in accordance to EMC-directive 2004/108/EC and Low Voltage Directive 2006/95/EC. Motor operating instruction is available from motor manufacturer .

| Fan-type Article-No | DRAD 195-4 L |
|--------------------------------|---------------------|
| Voltage[V] | 460 D |
| Frequency[Hz] | 60 |
| Power P1[kW] | 0.58 |
| Current I[A] | 1.05 |
| Speed n[1/min] | 1440 |
| Capacitor C[µF] | - |
| Max. air temp. tR[°C] | 50 |
| Min. pressure dpst[Pa] | 95 |
| Delta I[%] | - |
| Startup current Ia/In | 2.3 |
| Protection mode | IP 54 |
| Weight[kg] | 13 |
| Wiring diagram | 01.006 |

Octave sound power level

| f[Hz] | 125 | 250 | 500 | 1000 | 2000 | 4000 | 8000 |
|---------|-----|-----|-----|------|------|------|------|
| LwArel6 | -21 | -13 | -8 | -4 | -7 | -8 | -15 |
| LwArel5 | -18 | -13 | -10 | -5 | -4 | -10 | -16 |

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