

Project : Customer : Project Code :
Quotation : Date : Wednesday, June 26, 2024

Image of PowerBox3 fan
PowerBox3
Powerbox3 80-630-3
Lead time may vary based on stock availability at time of order. Please refresh the lead time in the project or reselect the fan before placing an order.

Table with 2 columns: Field (Model Code, Fan Diameter, Installation) and Value (Powerbox3 80-630-3, 630 mm, Type D)

Table with 2 columns: Field (Requested Duty, Outlet Dynamic Pressure, Velocity) and Value (2.10 m³/s @ 930 Pa (Static), 11.0 Pa, 4.29 m/s)

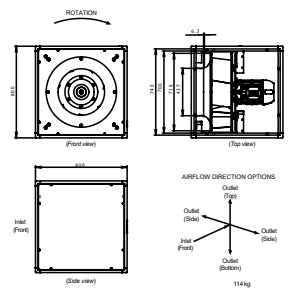
Table with 2 columns: Field (Motor Rating, Full Load Current, Starting Current, Electrical Supply, Motor Winding, Motor Type) and Value (4.64 kW [Integral Frame], 8.47 A, 8.47 A, 380 - 415 Volts 50 Hz 3 Phase, Standard, Class F Insulation)

Table with 2 columns: Field (Regulation 1253 - 2014, UVU Efficiency, Nominal Flow Rate, Effective Input Power, Nominal RPM) and Value (51.6% (ErP Compliant), 2.44 m³/s @ 753 Pa, 3.56 kW, 1250 rpm)

Table with 2 columns: Field (Air Density, Smoke Venting, Operating Environment) and Value (1.2 kg/m³ / 20 °C / 0 m / 40% RH, No Smoke Venting, Normal)

Table with 2 columns: Field (Power from mains, Energy Consumption, Running Cost / Year, CO2 per Year, SFP value) and Value (3.58 KW, 7,152.97 kWh (2,000.00 h/Year), £1,788.24, 2,514.70 kgCO2e, 1.70 W/l/s @ Actual Duty)

PRODUCT DIMENSIONS

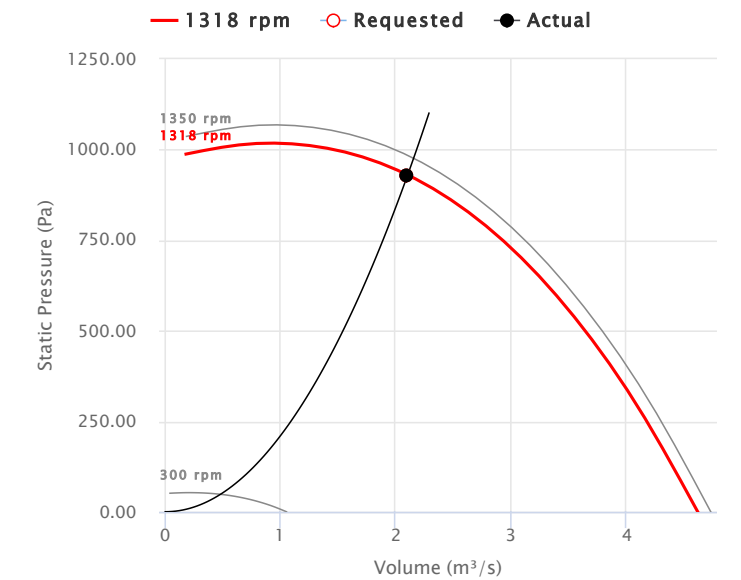


This drawing shows dimensions that should be used as a guide only and are subject to change. Certified drawings are available on request.

Table with 2 columns: Field (Operating Temperatures, Weight) and Value (-20 °C to 50 °C (95% Max Relative Humidity), 114kg)

Table with 1 column: COMMENTS (Lang_PowerBoxInverter)

FAN PERFORMANCE CURVE



ACOUSTICS

Table with 12 columns: Sound Spectrum (Hz) (63, 125, 250, 500, 1k, 2k, 4k, 8k), Overall (Lw*, LwA*), Distance (3 m) (LpA @ 3 m **). Rows include Inlet, Outlet, and Breakout data.

Sound Data At Requested Duty. * Lw dB re 10 -12 W ** dBA re 2x10 -5 Pa

FAN & ACCESSORIES

Table with 2 columns: Item Description, Qty. Row: Powerbox3 80-630-3, 1