



9000-1471

Analytical Scale Model 2007 Vacuum Pump

Description

9000-1471 is a direct-mount, analytical scale vacuum pump with a one-piece injection molded head. This is a direct replacement for part number 9000-1295.

VACUUM PUMP TECHNICAL DATA

Air Flow (no vacuum): 650 SCCM @ 400 RPM; 100 SCCM @ 60 RPM
Vacuum Level: 50 mm Hg @ (60±20) RPM (1 SCCM air flow, closed loop)
Pump-down Time: <1 minute (with 4 MINI degassing channels, 50 cc total internal volume)
Pump Head Continuous Purge Air Flow Rate: 10 SCCM
Wetted Materials: 303 Stainless Steel, Polypropylene, PTFE, EPDM Rubber
Stepper motor driver – 6-wire unipolar or bipolar, step angle – 1.8°
Motor winding resistance – 4.4 ohm
Motor max rated current – 1A
Unipolar driver specs: 16 microsteps/step, 680 mA peak current, 15 to 24 VDC, power consumption <5 W with temperature rise <25°C
Expected Lifetime:>5 years (continuous run @ 60 RPM)

Dimensional Drawings on page 2 (for references only)

Dimensional Drawings

Dimensions are in inches [mm]

