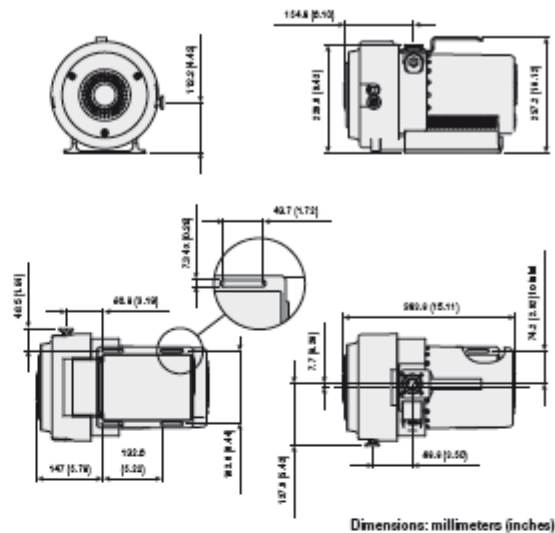


## ▶ Agilent SH-110



The Agilent SH-110 is a dry, hermetic scroll pump that provides industry-leading features designed for easy integration into original-equipment manufacturer (OEM) systems. This single-stage pump produces a pumping speed of 110 l/m and achieves an ultimate pressure of 50 mTorr (0.07 mbar) in a compact package that is also ideally suited to end-user applications.

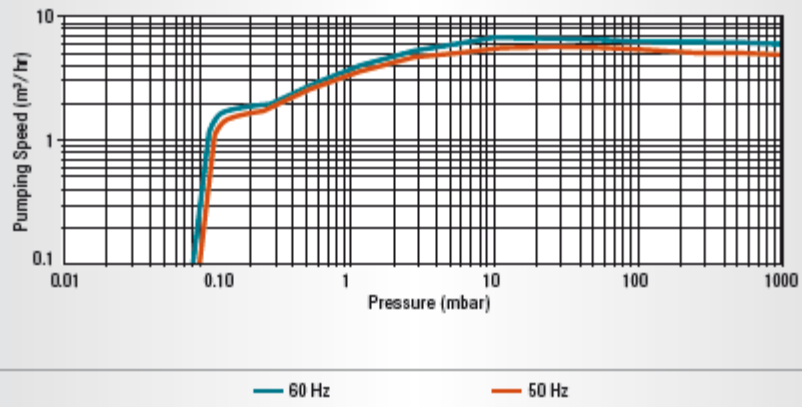
- Two-ply tip seal for improved base pressure performance
- Low-temperature operation
- ¼-horsepower motor for low power consumption
- Optional air ballast for effective handling of water vapor
- Built-in fail-safe isolation valve protects the vacuum system
- Universal 100-230 VAC power for easy installation worldwide
- Quick tip-seal replacement for low cost of ownership

### Technical Specifications

<b>Pumping speed</b>	60 Hz: 110 l/m, 6.6 m <sup>3</sup> /hr, 4.0 cfm 50 Hz: 90 l/m, 5.4 m <sup>3</sup> /hr, 3.3 cfm
<b>Ultimate pressure</b>	6.6 x 10 <sup>-2</sup> mbar (5.0 x 10 <sup>-2</sup> Torr)
<b>Maximum inlet pressure</b>	1.0 atmosphere (0 psig)
<b>Maximum outlet pressure</b>	1.5 atmosphere (7.5 psig)
<b>Inlet connection</b>	NW25
<b>Exhaust connection</b>	¼" Female NPT (NW16 adapter provided)
<b>Gas ballast</b>	¼" Female NPT (shipped with gas ballast port plug installed; 20 micron sintered filter provided)
<b>Weight</b>	Pump only: 19 kg (43 lbs) Shipping weight: 20 kg (44 lbs)
<b>Leak rate (with exhaust sealed)</b>	<1 x 10 <sup>-7</sup> cc/sec Helium
<b>Certification</b>	Conforms with CE, CSA, Semi S2-2000 and RoHS

**NOTE:** Scroll pumps are not suitable for pumping corrosive, explosive or particulate-forming gases.

## SH-110 Pumping Speed - Air/ N<sub>2</sub>



### Ordering Information

**Description**

SH-110 dry vacuum pump, 1Ø, 100 V - 230 V, 50/60 Hz

**Part Number**

SH01101UNIV