


## COMPRESSOR DATA SHEET

### Portable Rotary Compressor

#### MODEL DATA - FOR COMPRESSED AIR

1	Manufacturer: <b>SULLIVAN-PALATEK</b>		
2	Model Number: <b>D185UIZ</b>	Date:	<b>12/4/2023</b>
	<input checked="" type="checkbox"/> Oil-injected <input type="checkbox"/> Oil-free	Fuel Type:	<b>Diesel</b>
		# of compression Stages:	<b>1</b>
3	Rated Capacity at Full Load Operating Pressure <sup>a, d</sup>	<b>185</b>	acfm
4	Nominal Engine speed (reference only)	<b>2400</b>	rpm
5	Full Load Operating Pressure <sup>b</sup>	<b>100</b>	psig
6	Maximum Full Flow Operating Pressure <sup>c</sup>	<b>100</b>	psig
7	Engine Nominal HP Rating	<b>49</b>	hp
8	Engine Mfg. / Emission Compliance Level	<b>ISUZU</b>	Tier 4
9	Fuel Consumption at Full Load <sup>c</sup>	<b>2.8</b>	gallons per hour

Consult CAGI website for a list of Portable Section Members:

[www.cagi.org](http://www.cagi.org)

NOTES:

- a. Measured at the discharge terminal point of the compressor package in accordance with ISO 1217, Annex D; ACFM is actual cubic feet per minute at inlet conditions.
- b. The operating pressure at which the Capacity (Item 3) was measured for this data sheet.
- c. Maximum pressure attainable at full flow, usually the unload pressure setting for load/no load control or the maximum pressure attainable before capacity control begins. May require additional power.
- d. Tolerance is specified in ISO 1217, Annex D, as shown in table below:
- e. Read from control panel.

Member



Volume Flow Rate at specified conditions		Volume Flow Rate	Specified Fuel Consumption
$m^3 / min$	$ft^3 / min$	%	%
Below 0.5	Below 17.6	+/- 7	+/- 8
0.5 to 1.5	17.6 to 53	+/- 6	+/- 7
1.5 to 15	53 to 529.7	+/- 5	+/- 6
Above 15	Above 529.7	+/- 4	+/- 5

This form was developed by the Compressed Air and Gas Institute for the use of its members. CAGI has not independently verified the reported data.