

COMPRESSOR DATA SHEET

Portable Rotary Compressor

MODEL DATA - FOR COMPRESSED AIR

1	Manufacturer: Sample Compressor Corporation		
2	Model Number: XYZ 185		Date: 11/26/2023
	☒ Oil-injected ☐ Oil-free		Fuel Type: Diesel
			# of compression Stages: 1
3	Rated Capacity at Full Load Operating Pressure ^{a, d}		185 acfm
4	Nominal Engine speed (reference only)		2700 rpm
5	Full Load Operating Pressure ^b		100 psig
6	Maximum Full Flow Operating Pressure ^c		100 psig
7	Engine Nominal HP Rating		50 hp
8	Engine Mfg. / Emission Compliance Level		XYZCorp Tier 4
9	Fuel Consumption at Full Load ^c		3 gallons per hour

Consult CAGI website for a list of Portable Section Members:

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.