

TVS R1900

The high performance TVS R1900 model flows 1900 cubic centimeters of air in a single rotation. If you're looking to make big power, this is ideal for 4.0 to 8.0 liter engine applications.

The TVS R-Series is designed to deliver peak efficiencies at high pressure ratios and high speeds, providing fast response times and available boost when exhaust gas energy is low.

Core features

4 lobe rotor design with 160 degree twist

Potential for vertical orientation applications





Contact me

VOLUME PER ROTATION

1,900 cubic centimeters

INSTALLATION

Single boosting only

OUTLET DESIGN

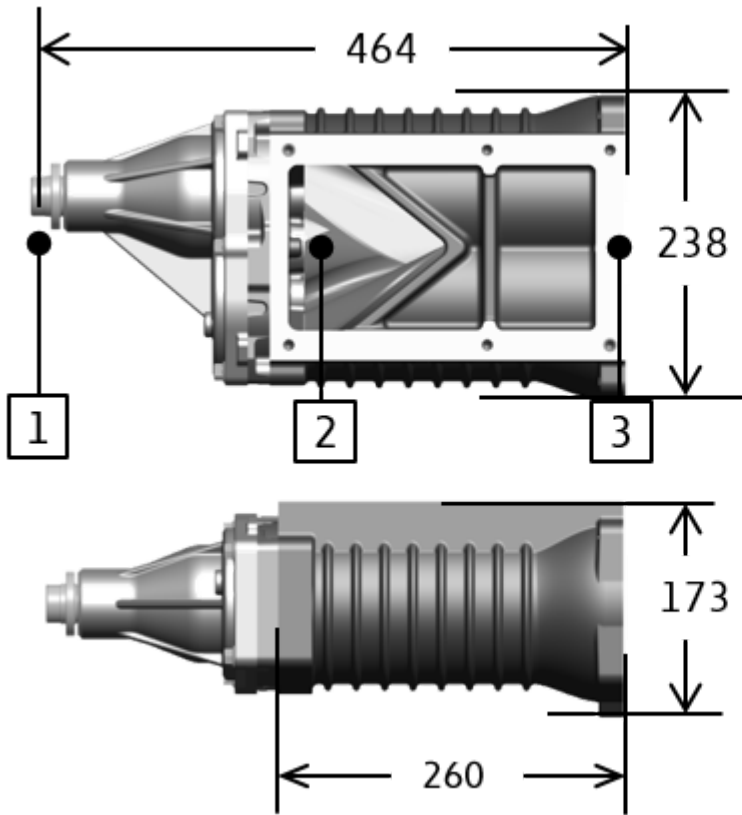
Radial

Learn more about TVS technology

TVS has several innovative features that make it reliable and efficient.

[Learn more](#)

Specifications



Basic Dimensions [mm]

- 1. Pulley (SAE J1459)
- 2. Outlet
- 3. Inlet



KEY SPECIFICATIONS

PERFORMANCE	UNIT	VALUE
Max Mass Flow Rate at PR 1.0*	kg/hr	2,414

Max Pressure Ratio		2.5
Max Rotor Speed	rpm	18,000
Max Input Power	kW	93
Max Outlet Temperature	Celsius	160
Max Outlet Pressure	Bar	2.5
Pulley-to-rotor speed ratio		1:1

*Standard inlet condition at 100 kPa, 25°C

