

VS Fully Variable Fan Drives

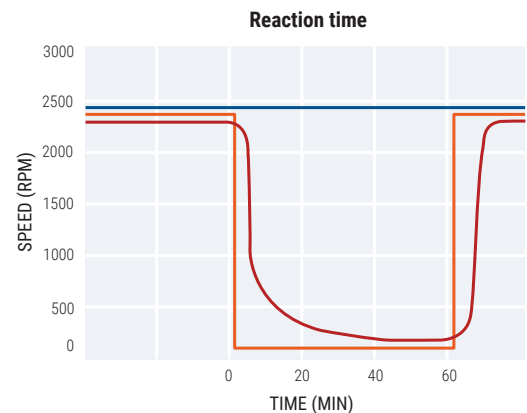


Based on pulse-width-modulation (PWM) signals from the engine management system, VS Fully Variable Fan Drives adjust their output to provide just the degree of cooling needed.

- **Several sizes and control configurations available to accommodate wide range of applications**
- **Compact size with greater torque for lightweight, powerful performance**
- **Double-row bearings for durability and longer product life**
- **Rear electrical connection harness to shield electrical connection from the fan blades**



Engine Speed ———
Actual value of fan speed ———
PWM Signal ———



ENGINEERED FOR:

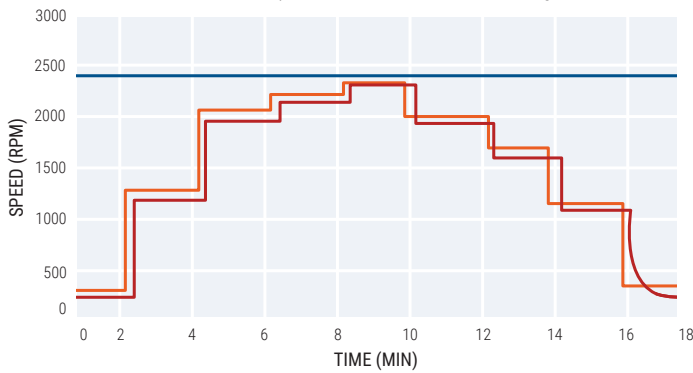


VS Directly Controlled Fan Drive Models and Specifications

	VS167	VS217	VS227
Maximum torque	60 N-m [531 in.-lbs.]	120 N-m [1062 in.-lbs.]	150 N-m [1327.6 in.-lbs.]
Typical fan size	600–700 mm [23.6–27.6 in.]	725–750 mm [28.5–29.5 in.]	725–770 mm [28.5–30.3 in.]
Typical engine hp range	75–250 hp	150–400 hp	150–400 hp
Weight	3.5–4.3 kg [7.72–9.48 lbs.]	4.9–5.7 kg [10.80–12.57 lbs.]	4.9–5.7 kg [10.80–12.57 lbs.]

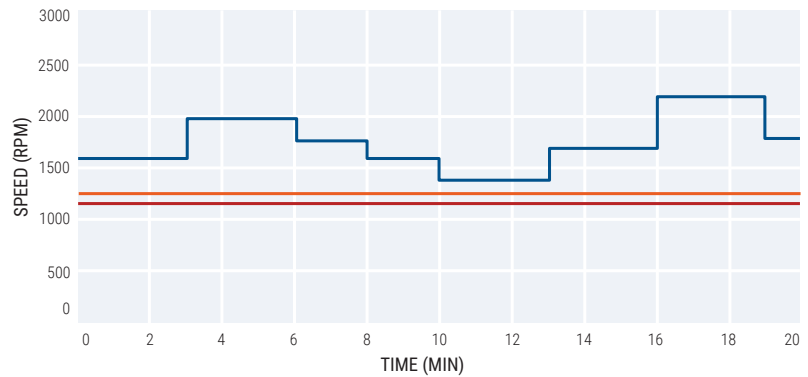
Variable fan speed with constant engine speed

The fan speed follows the need for cooling



Constant fan speed with variable engine speed

The fan speed remains constant



Engine Speed ————
Actual value of fan speed ————
PWM Signal ————

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