

SSV SANITARY DRUM MOTOR FEATURES & OPTIONS



The SSV series drum motor is constructed of 316-stainless steel for corrosion prevention, enhancing stringent hygienic and sanitary standards. The SSV drum motor features an IP69K sealing system that withstands up to 3,000 psi pressure washdown, is USDA approved, and exceeds industry expectations in sanitation and workforce safety. SSV series drum motors are available from 4" - 8.5" diameter and from 0.11 - 7.5HP.

VDG high efficiency electric motors are manufactured to inverter duty standard, are fully reversible, and supplied in all standard and non-standard voltages and frequencies for three phase or single phase applications. All VDG electric motors are encapsulated by Vacuum Pressure Impregnation (VPI) process, that is the highest industry standard for electric motor encapsulation. This state-of-the-art VPI process increases the longevity of the electric motor and substantially reduces electric motor failures.

To drive modular, wire mesh and monolithic thermoplastic conveyor belts, VDG offers the SSV drum motor with the belt profile machined directly onto the 316-stainless steel drum, eliminating the use of sprockets.

	STANDARD	OPTION
POWER CONNECTION	Junction Box	Cable; Straight and Elbow
ELECTRIC MOTOR	Class H (180°C) Inverter Duty VFD Rated VPI	GV Thermal Overload Protection
VOLTAGE	480V 3 Phase, 60Hz	110V, 220V, 240V, 600V 1 Phase, 50Hz
BACKSTOP		CW - Clockwise CCW - Counter Clockwise
ELECTROMAGNETIC BRAKE		Available
USDA, FDA FOOD GRADE LAGGING		Blue & White Nitrile Rubber 1/8", 1/4" Pattern: Plain, Diamond, Herringbone
DRUM PROFILE	Crown	Belt profiles for a variety of belt manufacturers, including Cambridge®, Gates®, Habasit®, Intralox®, Volta®, and Wire Belt® V-Groove