

Emotron VSM



Emotron VSM series drive offers more compact design with several advanced features. The compact design offers easy, flexible and user friendly installation which allows your system to be operational in no time. Emotron VSM offers reliable and cost efficient solutions for various variable and constant torque applications.

Range : 0.75 kW to 4 kW

Current : 2.5 Amp to 9.5 Amp

Voltage : 3 Phase 380 to 480 VAC/50Hz

Unique Features

- Optimized and compact structural design, leading technology platform
- Standard LED display
- Supports both Induction Motor and Permanent Magnet Motor
- Heavy duty Drive for various applications
- Built-in brake chopper
- High-speed pulse input
- Strong overload capability with 200% of rated load for 1 sec
- Built-in PLC Logic Functions, Virtual Digital I/Os with multi Logic functions, Timer and comparators
- Built-in C3 Class EMC Filter
- EmoWizard tool for convenient debugging

Benefits

- Excellent performance with high start torque characteristic
- Efficient cooling, improved reliability with independent air duct design

Applications

Pump, Fan, Blower, Conveyors, Crane and Damper Control

Emotron VSM, 3-phase Supply $U_n = 415\text{ V} \pm 20\%$, IP20

Model	Normal Duty (120%, 1min every 10min)			Heavy Duty (150%, 1min every 10min)			High Overload ability		Weight kg	Dimensions [W*H*D] mm,
	P _{nom} [kW]	I _{nom} [A]	I _{max} * [A]	P _{nom} [kW]	I _{nom} [A]	I _{max} * [A]	I _{max} (180%,10s)	I _{max} (200%,1s)		
VSM48-003-20CEB	1.5	4.2	5.0	0.75	2.5	3.8	4.5	5	0.85	75X150X117
VSM48-004-20CEB	2.2	5.5	6.6	1.5	4.2	6.3	7.6	8.4		
VSM48-006-20CEB	3.7	9.5	11.0	2.2	5.5	8.3	10	11	1.35	93X171X130
VSM48-009-20CEB	5.5	11	13.0	3.7	9.5	14.3	17	19		