

APPLICATIONS:

For use where precise open-loop speed control is required with a 3-phase induction motor; Pumps, Blowers, Fans, Conveyors, Material Handling, Hoists, Extruders, Mixers and agitators, etc.

FEATURES:

- Open Loop Vector Control - Speed or Torque
- Switching Frequency range: 3kHz - 18kHz - quiet motor operation
- Built-in EMC filter
- Output Frequency : 0-1500 Hz
- Programming of just ten parameters is typically sufficient to setup 80% of applications
- Easy Setup - all parameters for basic usage on front panel
- RS485, Modbus RTU communications port standard (RJ45 connector)
- 8 Preset Speeds
- Dynamic Braking Transistor as standard
- Fan and Pump optimization with quadratic motor flux V/Hz

110/120 VAC ±10%, Single Phase 50/60 Hz Input, 3-Phase Output

Normal Duty			Heavy Duty			Catalog Number	List	Discount Symbol	Drive Frame
Typical Output (kW)	Motor Power (HP)	Max Continuous Current (A)	Typical Output (kW)	Motor Power (HP)	Max Continuous Current (A)				
Heavy-Duty Rated Only			0.75	1	4	VFKB1100075	\$323	DS-5EV	B
			1.1	1.5	5.2	VFKB1100110	\$498	DS-5EV	B

200-240 VAC ±10%, Single Phase 50/60 Hz Input, 3-Phase Output

Normal Duty			Heavy Duty			Catalog Number	List	Discount Symbol	Drive Frame
Typical Output (kW)	Motor Power (HP)	Max Continuous Current (A)	Typical Output (kW)	Motor Power (HP)	Max Continuous Current (A)				
Heavy-Duty Rated Only			0.25	0.33	1.7	VFKA1200025	\$346	DS-5EV	A
			0.37	0.5	2.2	VFKA1200037	\$355	DS-5EV	A
			0.55	0.75	3	VFKA1200055	\$363	DS-5EV	A
			0.75	1	4	VFKA1200075	\$367	DS-5EV	A
			1.1	1.5	5.2	VFKBD200110	\$389	DS-5EV	B
			1.5	2	7	VFKBD200150	\$469	DS-5EV	B
			2.2	3	9.6	VFKBC200220	\$554	DS-5EV	B

200/240 VAC ±10%, 3-Phase Input and Output, 50/60 Hz Input

Normal Duty			Heavy Duty			Catalog Number	List	Discount Symbol	Drive Frame
Typical Output (kW)	Motor Power (HP)	Max Continuous Current (A)	Typical Output (kW)	Motor Power (HP)	Max Continuous Current (A)				
Heavy-Duty Rated Only			1.1	1.5	5.2	VFKBD200110	\$389	DS-5EV	B
			1.5	2	7	VFKBD200150	\$469	DS-5EV	B
			2.2	3	9.6	VFKBC200220	\$554	DS-5EV	B
4	5	15.5	3	3	12.6	VFK2201	\$865	DS-5EV	2
5.5	7.5	22	4	5	17	VFK2202	\$1,040	DS-5EV	2
7.5	10	28	5.5	7.5	25	VFK2203	\$1,216	DS-5EV	2
11	15	42	7.5	10	31	VFK3201	\$1,710	DS-5EV	3
15	20	54	11	15	42	VFK3202	\$2,279	DS-5EV	3
18.5	25	68	15	20	56	VFK4201	\$3,538	DS-5EV	4
22	30	80	18.5	25	68	VFK4202	\$4,195	DS-5EV	4
30	40	104	22	30	80	VFK4203	\$4,700	DS-5EV	4