



V1000 Drive

1/8 - 25 HP

The V1000 is a world-class compact current vector drive that defines a new world standard. Demands for efficient production and better maintainability are on the rise, spurred by global competition. Yaskawa pays off the promise of being in control with products that make businesses move. The optimum balance of energy input, product output, maintenance risk, and long life is reached with Yaskawa. The V1000 provides a world of power in the palm of your hand!



The V1000 is the flagship drive of the V1000 Family, which also includes the V1000-4X.

Overview

Models & Ratings

200-240V 1-Phase | 200-240V 3-Phase | 380-480V 3-Phase

200-240V, 1-Phase

Drive Model Number	Normal Duty ¹		Heavy Duty ¹		Standard Enclosure
	Rated Output Current (Amps)	Nominal HP ²	Rated Output Current (Amps)	Nominal HP ²	
CIMR-VUBA0001FAA	1.2	1/8 & 1/4	0.8	1/8	NEMA 1
CIMR-VUBA0002FAA	1.9	1/4	1.6	1/4	
CIMR-VUBA0003FAA	3.3	1/2 & 3/4	3	1/2	NEMA 1
CIMR-VUBA0006FAA	6	1	5	3/4 & 1	
CIMR-VUBA0010FAA	9.6	2 & 3	8	2	NEMA 1
CIMR-VUBA0012FAA	12	3	11	3	
CIMR-VUBA0018FAA	17.5	5	17.5	5	

Normal Duty overload current rating is 120% of rated output current for 60 seconds; Heavy Duty overload current rating is 150% of rated output current for 60 seconds

Horsepower rating is based on 230 Volt and 460 Volt Induction-Type Squirrel Cage NEMA B 4-Pole Motors as represented in NEC Table 430.250 Full-Load Current, Three-Phase Alternating-Current Motors.

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200-240V, 3-Phase

Drive Model Number	Normal Duty ¹	Heavy Duty ¹	Standard Enclosure
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	Rated Output Current (Amps)	Nominal HP ²	Rated Output Current (Amps)	Nominal HP ²	
CIMR-VU2A0001FAA	1.2	1/8 & 1/4	0.8	1/8	NEMA 1
CIMR-VU2A0002FAA	1.9	1/4	1.6	1/4	
CIMR-VU2A0004FAA	3.5	1/2 & 3/4	3	1/2	
CIMR-VU2A0006FAA	6.0	1	5	3/4 & 1	NEMA 1
CIMR-VU2A0010FAA	9.6	2 & 3	8	2	
CIMR-VU2A0012FAA	12	3	11	3	
CIMR-VU2A0020FAA	19.6	5	17.5	5	NEMA 1
CIMR-VU2A0030FAA	30	7.5 & 10	25	7.5	
CIMR-VU2A0040FAA	40	10	33	10	
CIMR-VU2A0056FAA	56	20	47	15	NEMA 1
CIMR-VU2A0069FAA	69	25	60	20	

Normal Duty overload current rating is 120% of rated output current for 60 seconds; Heavy Duty overload current rating is 150% of rated output current for 60 seconds

Horsepower rating is based on 230 Volt and 460 Volt Induction-Type Squirrel Cage NEMA B 4-Pole Motors as represented in NEC Table 430.250 Full-Load Current, Three-Phase Alternating-Current Motors.

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380-480V 3-Phase

Drive Model Number	Normal Duty ¹		Heavy Duty ¹		Standard Enclosure
	Rated Output Current (Amps)	Nominal HP ²	Rated Output Current (Amps)	Nominal HP ²	
CIMR-VU4A0001FAA	1.2	1/2	1.2	1/2	NEMA 1
CIMR-VU4A0002FAA	2.1	3/4 & 1	1.8	3/4	
CIMR-VU4A0004FAA	4.1	2	3.4	1 & 2	NEMA 1
CIMR-VU4A0005FAA	5.4	3	4.8	3	
CIMR-VU4A0007FAA	6.9	4	5.5	3	NEMA 1
CIMR-VU4A0009FAA	8.8	5	7.2	4	
CIMR-VU4A0011FAA	11.1	7.5	9.2	5	NEMA 1
CIMR-VU4A0018FAA	17.5	10	14.8	7.5 & 10	
CIMR-VU4A0023FAA	23	15	19.2	10	NEMA 1
CIMR-VU4A0031FAA	31	20	25.8	15	
CIMR-VU4A0038FAA	38	25	31.7	20	

Normal Duty overload current rating is 120% of rated output current for 60 seconds; Heavy Duty overload current rating is 150% of rated output current for 60 seconds

Horsepower rating is based on 230 Volt and 460 Volt Induction-Type Squirrel Cage NEMA B 4-Pole Motors as represented in NEC Table 430.250 Full-Load Current, Three-Phase Alternating-Current Motors.

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