

## AD1000

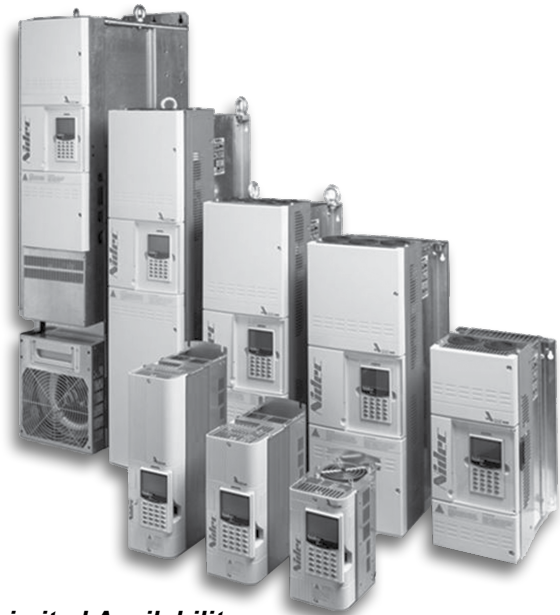
The AD1000, a member of the ACCU-SERIES family of products, is a high-performance variable frequency drive that can reduce energy consumption by automatically adjusting to changing operating conditions in a wide range of water, wastewater, irrigation and other pump applications. Developed by pump automation experts at Nidec, the versatile and reliable AD1000 is designed for optimum performance and reliability with minimal maintenance. While virtually plug and play for standard applications, the AD1000's flexible, modular design can also be easily configured to meet the most challenging applications.

### Voltage and Power Range:

- 3-Phase, 380-480V
- 2 - 650 HP Variable Torque (110% Overload)
- 1.5 - 500 HP Constant Torque (150% Overload)

### Control Modes:

Volts/Hz, Sensorless Vector



**Limited Availability**

### IP20, 3-Phase Input, 3-Phase Output

Motor Voltage	Motor HP	Drive Amps	Motor HP	Drive Amps	Catalog Number	Dimensions (in) H x W x D	Approx. Weight	List Price	Discount Symbol
380 - 480 VAC	110% Overload		150% Overload						
	2	3.8	1.5	2.1	AD1A0P3FBBNHN	10.7 x 5.2 x 6.7	8.8		DS-5EV
	5	9.5	3	5.6	AD1A0P6FBBNHN	10.7 x 5.2 x 6.7	8.8		DS-5EV
	7.5	12	5	9.5	AD1A008FBBNHN	13.4 x 5.1 x 8.8	14		DS-5EV
	10	16	7.5	12	AD1A011FBBNHN	17.4 x 5.1 x 8.8	20		DS-5EV
	15	21	10	16	AD1A015FBBNHN	17.4 x 5.1 x 8.8	20		DS-5EV
	20	25	15	21	AD1A018FBBNHN	18.4 x 5.1 x 9.7	20		DS-5EV
	25	32	20	25	AD1A022FBBNHN	18.4 x 5.1 x 9.7	20		DS-5EV
	30	40	25	32	AD1A028FBBNHN	18.4 x 5.1 x 10.2	25		DS-5EV
	30	40	25	32	AD1A030FBBFHN	17.9 x 9.7 x 11.0	75		DS-5EV
	40	52	30	40	AD1A036FBBFHN	17.9 x 9.7 x 11.0	75		DS-5EV
	50	65	50	52	AD1A045FBNFHN	26.6 x 11.4 x 11.4	85		DS-5EV
	60	77	50	65	AD1A053FBNFHN	26.6 x 11.4 x 11.4	85		DS-5EV
	75	96	60	77	AD1A066FBNFHN	26.6 x 11.4 x 11.4	95		DS-5EV
	100	124	75	96	AD1A086FBNFHN	29.7 x 11.4 x 12.0	120		DS-5EVX
	125	156	100	124	AD1A108FBNFHN	29.7 x 11.4 x 12.0	120		DS-5EVX
150	180	125	156	AD1A125FBNFHN	39.4 x 11.8 x 13.2	200		DS-5EVX	
180	210	150	180	AD1A150FBNFHN	39.4 x 11.8 x 13.2	218		DS-5EVX	
200	240	200	200	AD1A166FBNFHN	39.4 x 11.8 x 13.2	218		DS-5EVX	

### IP00, 3-Phase Input, 3-Phase Output

Motor Voltage	Motor HP	Drive Amps	Motor HP	Drive Amps	Catalog Number	Dimensions (in) H x W x D	Approx. Weight	List Price	Discount Symbol
380 - 480 VAC	110% Overload		150% Overload						
	250	300	200	240	AD1A210FBNFHN	42.0 x 11.4 x 20.7	280		DS-5EVX
	300	370		285	AD1A260FBNFHN	42.0 x 11.4 x 20.7	275		DS-5EVX
	350	410	250	320	AD1A290FBNFHN	42.0 x 11.4 x 20.7	275		DS-5EVX
	400	510	300	385	AD1A350FBNFHN	58.7 x 11.4 x 20.7	450		DS-5EVX
	450	540	350	410	AD1A370FBNFHN	58.7 x 11.4 x 20.7	450		DS-5EVX
	550	640	400	510	AD1A440FBNFHN	58.7 x 11.4 x 20.7	450		DS-5EVX
	600	690	450	530	AD1A480FBNFHN	58.7 x 11.4 x 20.7	450		DS-5EVX
650	750	500	585	AD1A520FBNFHN	58.7 x 11.4 x 20.7	450		DS-5EVX	