

NANO DRIVES

NC3 ASD

Specifications

The nC3 ASD is a RoHS compliant nano-sized drive with a full range of features to meet the demands of most 120/220 V industrial or HVAC applications. The nC3 may be operated from either a single or three-phase power source and is a reliable option for OEMs, allowing for easy installation and drop-in replacement for starters. The nC3 is side-by-side mountable and its vertical construction allows for an impressively small footprint.



Product Scope

200 to 230 V at 0.5 to 5 HP

Single Phase

200 to 230 V at 0.5 to 3 HP

120V at 0.5 to 1 HP (Three-Phase 230VAC Output)

Highlights

- Powerful, User-Friendly, Long-Life Nano-Sized Drive
- Features Include:
 - Automatic Torque Boost
 - Vector Control
 - PID
 - DC Braking
 - Automated Cooling Fan Control
 - Parts Replacement Alarm
- Modbus RTU Communication with RS485
- Options Include:
 - EMC Plate
- Remote Keypad IP54 Rated
- DIN Rail
- LCD Parameter Writer

NC3 ASD

NC3 Power Unit Pricing & Dimensions



NC3 230 V

VAC	HP	FLA	Model Number		H	W	D	Shipping Weight (lbs.)
					Dimensions (in.)			
230	0.5	2.4	VFNC3-2004P		5.2	2.9	4.8	1.8
230	1	4.2	VFNC3-2007P		5.2	2.9	5.2	1.8
230	2	7.5	VFNC3-2015P		5.2	2.9	5.2	2.7
230	3	10.0	VFNC3-2022P		5.2	4.2	5.2	2.7
230	5	16.7	VFNC3-2037P		6.7	4.2	5.6	4.4

NC3 230 V Single-Phase

VAC	HP	FLA	Model Number		H	W	D	Shipping Weight (lbs.)
					Dimensions (in.)			
230 Single-Phase	0.25	1.4	VFNC3S-2002PL		5.2	2.9	4.0	1.8
230 Single-Phase	0.5	2.4	VFNC3S-2004PL		5.2	2.9	4.8	1.8
230 Single-Phase	1	4.2	VFNC3S-2007PL		5.2	2.9	5.2	1.8
230 Single-Phase	2	7.5	VFNC3S-2015PL		5.2	4.2	6.2	3.3
230 Single-Phase	3	10.0	VFNC3S-2022PL		5.2	4.2	6.2	3.3

NC3 120 V Single-Phase

VAC	HP	FLA	Model Number		H	W	D	Shipping Weight (lbs.)
					Dimensions (in.)			
120 Single-Phase	0.5	2.4	VFNC3S-1004P		5.1	2.8	4.8	2.2
120 Single-Phase	1	4.2	VFNC3S-1007P		5.1	4.1	6.1	3.3