



# HYUNDAI N700E

## VARIABLE FREQUENCY DRIVE

HYUNDAI N700E series inverter with high durability, exceptional speed control and torque response, providing overall superior vector performance.

The N700E's compact size and sensorless vector control technology provide perfectly optimized performance for industrial / commercial equipment. Certificates of international standards (CE, UL/cUL) of N700E series make its applications ready for global business. The N700E is sold separately as a chassis mount unit or in one of our enclosed drive packages.



- Excellent applicability to various loads
- Easy maintenance and simple repair
- High reliability and durability
- Compliance with RoHS
- Lower audible noise
- **Contact us 24x7** for sales, application, and technical support and service.



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**HOW TO ORDER...**

Easy-to-understand model numbers make selection intuitive, with applicable motor capacity (kW) clearly visible in the model number.

HYUNDAI N700E Series			
0.4	004		
0.7	007		
1.5	015		
2.2	022		
3.7	037		
5.5	055		
7.5	075		
11	110		
15	150		
18.5	185		
22	220	<b>SF:</b> 1-Phase, 220V <b>LF:</b> 3-Phase, 220V <b>HF:</b> 3-Phase, 440V	
30	300		
37	370		
45	450		
55	550		
75	750		
90	900		
110	1100		
132	1320		
160	1600		
220	2200		
280	2800		
350	3500		
Applicable Motor Capacity (kW)			Power Source

**N700E - 370 HF**

Example Model Number : N700E-370HF

**VARIOUS LOAD COMPATIBILITY ...**

- **Air Conditioning and Dust Collecting Fan**
  - Energy saving by selecting torque characteristics of a load.
  - Restart function in case of momentary power interruption.
  - Factory automated PLC.
  - Machine protection by soft start / stop.
  - Auto operation by precise PID control function.
  - Low noise operation.
  - Quick responsiveness to load change by frequency jump and multi-speed operation.
- **Cooling Tower**
  - Stable operation by supplying high qualified energy.
  - Energy saving by speed and torque control.
  - Built in PID function uniformly controls oil pressure and flow quantity without additional options.
- **Conveyor**
  - Multi-relay output terminal.
  - Accurate acceleration and deceleration.
  - Overweight prevention by using over-torque signal.
  - Prevention of load slippage by curve acceleration and deceleration.
- **Factory Automation**
  - Factory automation with PLC.
  - High speed torque response to prevent slip down.
  - Soft start and stop.
  - Hyundai's advanced sensorless vector control technology provides a motor with high torque performance in ultra low speed zone (sensorless vector control: above 150% at 1 Hz).
- **Textile Machine**
  - Soft start / stop for prevention of snap and cut off.
  - Unit design for tough circumstances (dust, cotton).
  - Improvement of product quality by stable operating speed.
  - Superb speed control performance by improved Tuning Technology of the motor.
- **Washing Machine**
  - Powerful torque boost function.
  - Over torque limit function.
  - Separate setting of acceleration and deceleration time.
  - Built-in regenerative braking unit (below 22 kW).
  - Soft start / stop.

