



- 3Ø 200V 2.2~37kW
- 3Ø 400V 2.2~800kW
- DC input type 400V 5.5~500kW



200/400VAC(Press Type)
Eertification up to 220kW



ISO9001 ISO14001



iV5, an Optimal Drive Solution for High-performance System

It is a specialized drive for continuous line, crane system and elevator system control based on powerful functions and performance.



Installed With High-performance Control Functions

It is equipped with high-performing control functions, including high-performance speed/torque control; SIN/COS; super-precision control based on Endat encoder; static auto tuning; Draw/Droop/Process PID control; and built-in brake control.



User-centered Interface

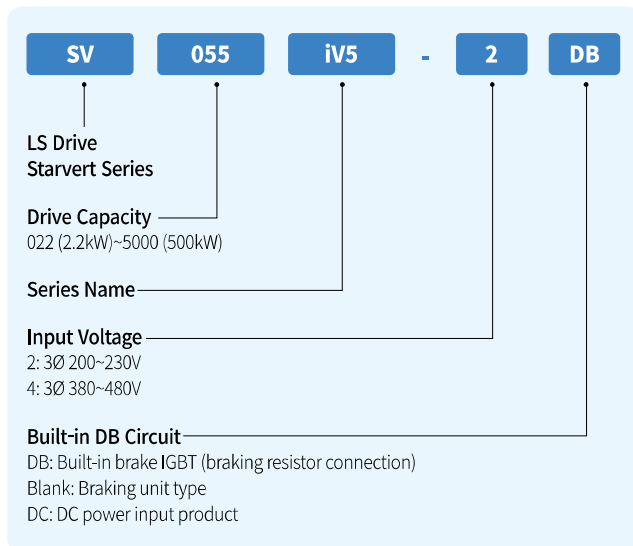
It supports systems and efficient management with user-centered keypads and terminal blocks, communication networks and Drive View.



Intended Use

- Metal (winder, hoist)
- Textile (threading, spinning)
- Plastic, rubber (winder)
- Food and beverage (Packing, Cutting and labeling machines)
- Paper, pulp (winder, printer and slitter)
- Coal mine (crane, hoist)
- Crane, hoist

Product Type & Model



Main Function

Features	Description	Benefits
Improved System-centered Functions	Installed with advanced functions, including high-performance speed/torque control based on 200% instantaneous torque control; position/synchronization control; and brake control	An optimal solution for vertical load application, including continuous lines, cranes and elevators
Exclusive for Elevators	High-accuracy position control and exclusive machine room-less drive	Safe and efficient elevator operation guaranteed
Equipped With Various Options	Synchronization option, encoder option, scalable I/O, I/O option for elevators and etc.	Widely applied to various vector applications
Various Interfaces	RS485, Modbus-RTU, Device Net, Profibus-DP and CC-Link communication network options	Connectable to commonly used field networks; simple maintenance of option cards; and easier mounting

Control

Control Mode	Sensored vector, Sensorless vector	
Speed Control Level	Analogue setting: $\pm 0.1\%$ of the maximum speed (1800rpm) ($25 \pm 10^\circ\text{C}$) Digital setting: $\pm 0.1\%$ of the maximum speed (1800rpm) ($0 \sim 40^\circ\text{C}$)	
Speed Setting Resolution	Analogue setting: $\pm 0.1\%$ of the maximum speed / Digital setting: 0.1rpm	
Speed Control Response Speed	50Hz	
Torque Control Level	$\pm 3\%$	
Overload Capacity	Continuous (CT): 150% / 1min	
Acceleration/ Deceleration	Time Setting	0.00~6000.0
	Combination	4 types of acceleration/deceleration time options
	Pattern	Linear, S-curve

Brake

Braking Mode	Discharge-resistant braking
Braking Torque	150%
Braking Resistance	A separate braking resistor should be installed outside