

Model	KW	HP	Rated input current(A)	Rated output current(A)	Input Voltage	General type / Fan type	Integrated with brake function
VB-4T030G/037P	30 / 37	40 / 50	62 / 76	60 / 75	380~440V / Three phase	General type / Fan type	N/A
VB-4T037G/045P	37 / 45	50 / 60	76 / 92	75 / 91	380~440V / Three phase	General type / Fan type	N/A

## Specification

Control characteristic	<b>Control mode</b>	<b>V/F Control; Sensorless Vector Control (SVC); Torque Control</b>
	Starting torque	G Type: 0.5Hz/150 % (SVC); P Type: 0.5Hz/100%
	Speed adjustment range	1:100 (SVC)
	Speed holding precision	± 0.5 % (SVC)
	Overload capability	G Type: 150 % rated current for 60s; 180 % rated current for 1s P Type: 120 % rated current for 60s; 150 % rated current for 1s
Input / Output	Input voltage	380V/415V/440V; fluctuation range: 380V(-15%)~440V(+10%)
	Input frequency	50/60Hz, fluctuation range: ±5%
	Output voltage	0-rated input voltage
	Output frequency	SVC: 0~320Hz, V/F: 0~1000Hz
	Analog input	2 channels
Input / Output terminals	Digital input	6 channels
	Analog output	2 channels
	Digital output	1 channel
	Relay output	2 channels
	RS485 communication terminal	1 channel
Application environment	Power supply	2 channels (1 channel 10V, 1 channel 24V)
	Attitude	Lower than 1000m, service is derated capability above 1000m, derate 1% capacity every 100m increased in height.
	Environment temperature	-10°C ~ + 40°C (service is derated capability for 40°C ~ 50°C)
	Humidity	<95%RH, no water condensation
	Vibration	< 5.9m/s <sup>2</sup> (0.6g)
Enclosure	Storage temperature	-40°C~+ 60°C
	Shell Material	Metal
	Overall Size (mm)	435.00H*256.00W*222.00D
	Weight (Kg)	14
	Package dimensions (mm)	530.00H*340.00W*300.00D

