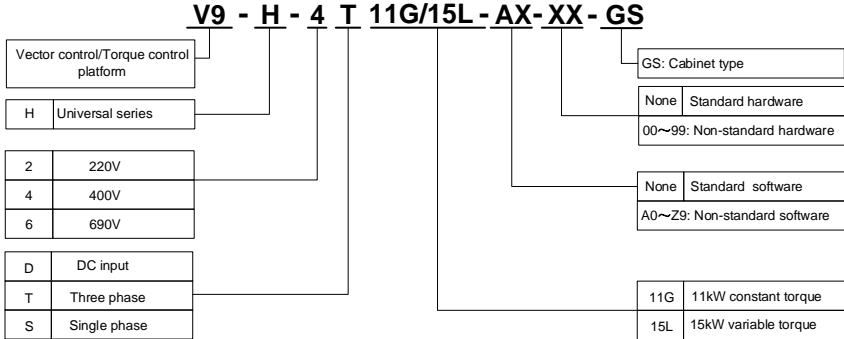


## V9-H-GS Introduction V9-H-GS 柜机系列变频器介绍

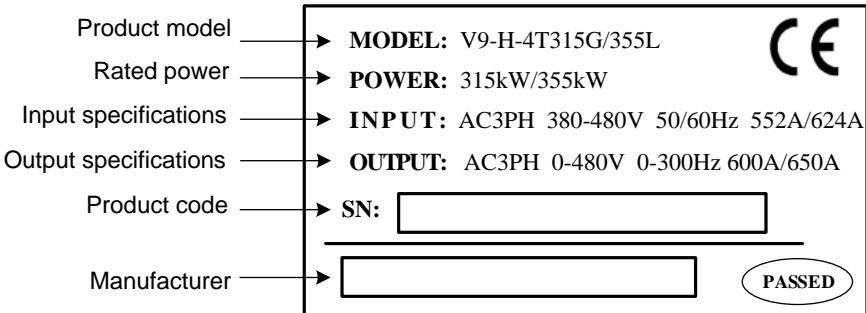
### 1 Model Description 产品型号说明

The model field on the drive nameplate uses numbers and letters to indicate information such as product series, input voltage, power, software version and hardware version.

铭牌上变频器型号一栏用数字和字母表示了产品系列、电源等级、功率等级及软硬件的版本等信息。



### 2 Nameplate Description 产品铭牌说明



### 3 Ratings 产品系列

#### ■ V9-H-4T□□□G-GS Three-phase 400V heavy load 三相 400V 恒转矩/重载应用

Power (kW) 功率 (kW)		315	355	400	450	500	560	630	710
Applicable Motor (Kw) 适配电机功率 (kW)		315	355	400	450	500	560	630	710
Output 输出	Voltage (V) 电压 (V)	Three phase 0 to input voltage 3 相 0~额定输入电压							
	Rated current (A) 额定电流 (A)	600	650	690	775	860	950	1100	1300
	Overload capacity 过载能力	150% 1 minute, 180% 10 seconds, 200% 0.5 seconds 150% 1 分钟, 180% 10 秒, 200% 0.5 秒, 间隔 10 分钟 (反时限特性)							
Input 输入	Rated voltage/Frequency 额定电压/频率	Three-phase 380V~480V; 50Hz/60Hz 3 相 380V~480V; 50Hz/60Hz							
	Allowable voltage range 允许电压范围	323V~528V, Voltage imbalance: ≤ 3%, Allowable frequency fluctuation: ± 5% 323V~528V; 电压不平衡度: ≤3%; 允许频率波动: ±5%							
	Rated current (A) 额定电流 (A)	552	624	670	755	840	920	1050	1248
Brake chopper 制动单元		External 需外置制动单元							
IP code 防护等级		IP54							
Cooling mode 冷却方式		Force air cooling 强制风冷							

Note: V9-H-4T315G-GS and above product built-in input AC reactor; and the output AC reactor is optional.

注: V9-H-4T315G-GS 及以上产品标准内置输入; 输出电抗器可选。

#### V9-H-4T□□□L-GS Three-phase 400V light load 三相 400V 变转矩 / 轻载应用

Power (kW) 功率 (kW)		355	400	450	500	560	630	710	800
Applicable Motor (Kw) 适配电机功率 (kW)		355	400	450	500	560	630	710	800
Output 输出	Voltage (V) 电压 (V)	Three phase 0 to input voltage 3 相 0~额定输入电压							
	Rated current (A) 额定电流 (A)	650	690	775	860	950	1100	1250	1380
	Overload capacity 过载能力	115% 1 minute, 160% 0.5 seconds 115% 1 分钟, 160% 0.5 秒, 间隔 10 分钟 (反时限特性)							
Input 输入	Rated voltage/Frequency 额定电压/频率	Three-phase 380V~480V; 50Hz/60Hz 3 相 380V~480V; 50Hz/60Hz							
	Allowable voltage range 允许电压范围	323V~528V, Voltage imbalance: ≤ 3%, Allowable frequency fluctuation: ± 5% 323V~528V; 电压不平衡度: ≤3%; 允许频率波动: ±5%							
	Rated current (A) 额定电流 (A)	624	670	755	840	920	1050	1200	1340
Brake chopper 制动单元		External 需外置制动单元							
IP code 防护等级		IP54							
Cooling mode 冷却方式		Force air cooling 强制风冷							

Note: V9-H-4T355L-GS and above product built-in input AC reactor; and the output AC reactor is optional.

注: V9-H-4T355L-GS 及以上产品标准内置输入; 输出电抗器可选。

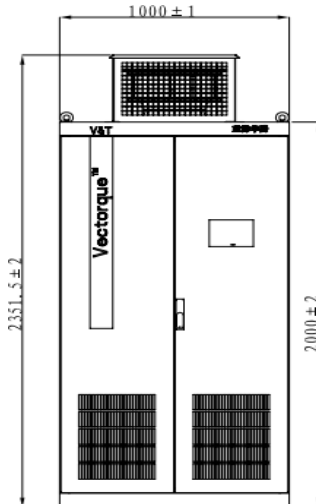
## V9-H-GS Cabinet type Drive

V9-H-6T□□□G-GS 三相 690V 恒转矩/重载应用 Three-phase 690V heavy load

Power (kW) 功率 (kW)		400	450	500	560	630	710	800
Applicable Motor (Kw) 适配电机功率 (kW)		400	450	500	560	630	710	800
Output 输出	Voltage (V) 电压 (V)	Three phase 0 to input voltage 3 相 0~额定输入电压						
	Rated current (A) 额定电流 (A)	435	490	545	600	680	770	860
	Overload capacity 过载能力	150% 1 minute, 180% 10 seconds, 200% 0.5 seconds 150% 1 分钟, 180% 10 秒, 200% 0.5 秒, 间隔 10 分钟 (反时限特性)						
Input 输入	Rated voltage/Frequency 额定电压/频率	Three-phase 690V~790V; 50Hz/60Hz 3 相 690V~790V; 50Hz/60Hz						
	Allowable voltage range 允许电压范围	587V~793V, Voltage imbalance: ≤ 3%, Allowable frequency fluctuation: ± 5% 587V~793V; 电压不平衡度: ≤3%; 允许频率波动: ±5%						
	Rated current (A) 额定电流 (A)	415	466	520	580	655	750	840
Brake chopper 制动单元		External 需外置制动单元						
IP code 防护等级		IP54						
Cooling mode 冷却方式		Force air cooling 强制风冷						

Note: V9-H-4T400G-GS and above product built-in input AC reactor; and the output AC reactor is optional.  
注: V9-H-6T400G-GS 及以上产品标准内置输入; 输出电抗器可选。

## 4 Appearance, dimensions, and weight 产品外形和安装尺寸及大概重量



Product Appearance and Installation Dimensions 图 1 产品的外形和安装尺寸

## V9-H-GS Cabinet type Drive

The appearance, dimensions and weight 产品的外形和安装尺寸及大概重量

Voltage 电压等级	Mode 变频器型号	Appearance and dimensions (mm) 外形和安装尺寸 (mm)			Weight (kg) 大概重量				
		W	H	D					
400V	V9-H-4T315G-GS V9-H-4T355L-GS	1000	2351.5	600	430				
	V9-H-4T355G-GS V9-H-4T400L-GS				440				
	V9-H-4T400G-GS V9-H-4T450L-GS				450				
	V9-H-4T450G-GS V9-H-4T500L-GS				480				
	V9-H-4T500G-GS V9-H-4T560L-GS				480				
	V9-H-4T560G-GS V9-H-4T630L-GS				500				
	V9-H-4T630G-GS V9-H-4T710L-GS				520				
	V9-H-4T710G-GS V9-H-4T800L-GS				880				
	690V				V9-H-6T400G-GS	1000	2351.5	600	430
					V9-H-6T450G-GS				450
V9-H-6T500G-GS		480							
V9-H-6T560G-GS		480							
V9-H-6T600G-GS		500							
V9-H-6T710G-GS		520							
V9-H-6T800G-GS		650							

### 1 Main Circuit Terminals 主回路端子的功能

R/L1	S/L2	T/L3
POWER		



U/T1	V/T2	W/T3
MOTOR		

Terminals <span style="color: blue;">端子符号</span>	Name and function description <span style="color: blue;">端子名称及功能说明</span>
R/L1、S/L2、T/L3	Three-phase input power supply terminals <span style="color: blue;">三相交流输入端子</span>
U/T1、V/T2、W/T3	Three-phase output terminals <span style="color: blue;">三相交流输出端子</span>
⊕	PE terminal <span style="color: blue;">接地端子 PE</span>

**Note:** The phase sequence of the power supply must be consistent with the input phase sequence of the frequency converter to ensure the cooling fan rotate direction is forward direction (counterclockwise). Otherwise, if the phase sequence is incorrect, it may cause the cooling fan rotate at reverse direction, will affect heat dissipation causes the frequency converter to easily overheat.

注：电网相序必须与变频器输入相序保持一致，确保离心风机旋转方向为正转（逆时针方向），若相序不对，导致风机反转，导致散热效果变差，变频器容易出现过热现象。