

概述 Overview

额定功率: 0.55 ~ 315 kW

机座号: 80 ~ 355

额定电压: 380 V

冷却方式: IC416

防护等级: IP55

绝缘等级: F

环境温度: -15 ~ 40 °C

海拔高度: 不超过 1000 m

Rated output: 0.55 ~ 315 kW

Frame Size: 80 ~ 355

Rated voltage: 380 V

Cooling method: IC416

Protection degree: IP55

Insulation class: F

Coolant temperature: -15 ~ 40 °C

Site altitude: Up to 1000m above sea level

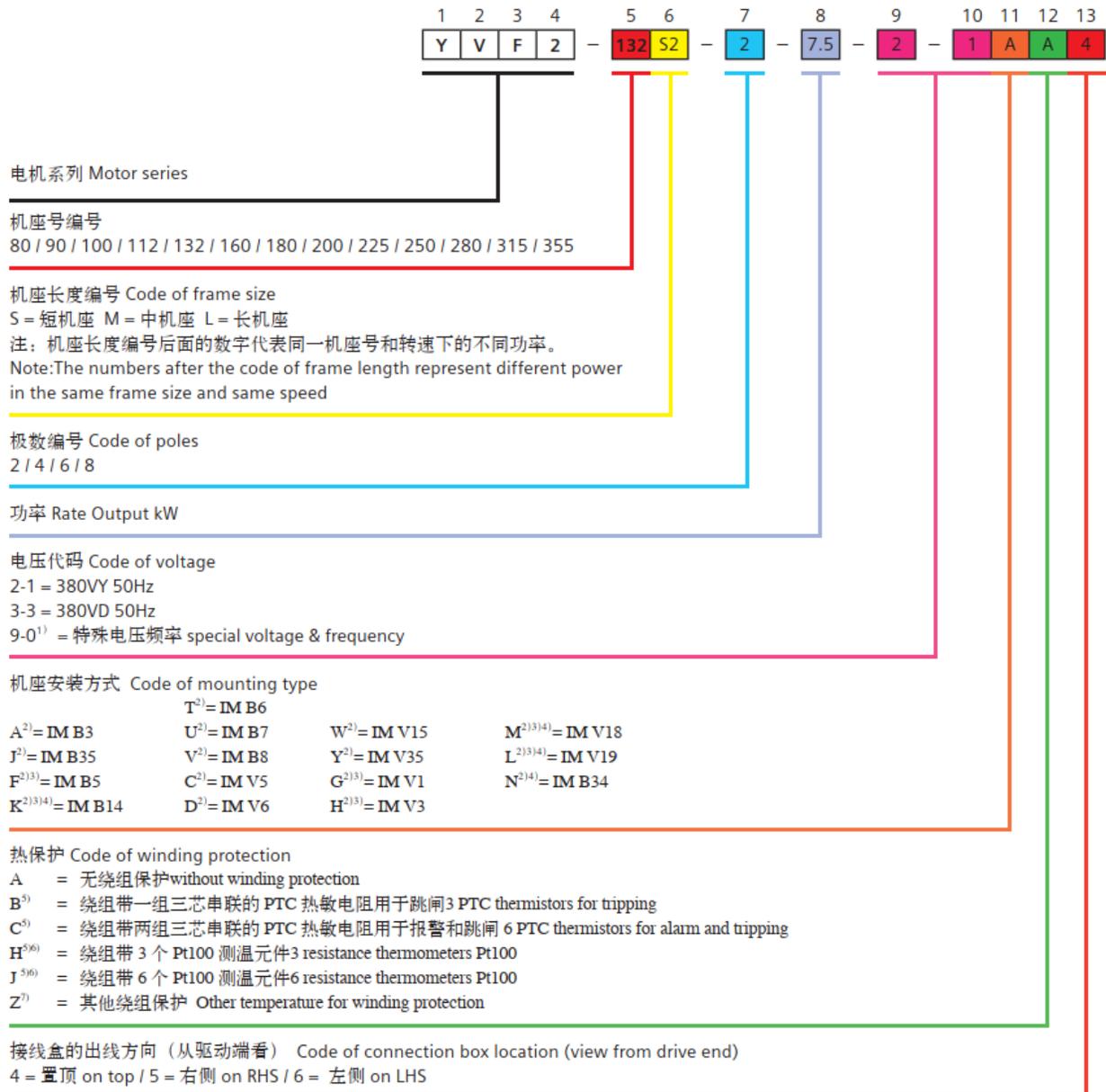
YVF2 系列变频调速专用三相异步电动机是一种交流、高效、节能型调速电动机，可与国内外变频器配套使用，该产品运行可靠、维护方便。电机单独装有轴流风机，在不同转速下均有较好的冷却效果。可广泛用于轻工、纺织、化工、冶金、机床行业等需要调节转速的设备中。

YVF2 Series Variable Speed Motors are AC high efficiency, energy saving motors. It can be configured with the frequency converter from Domestic and abroad. It has the characteristics with reliable operation and easy maintenance. Separate axial-flow ventilator is installed, which can guarantee a better cooling effect in different speed. YVF2 series motors can be widely applied to the equipment which need speed control in light industry, textile, chemical, metallurgy and machine tool industries etc.

机座号、极数与变频范围的对应关系表 Frame size、Pole & Frequency Table

机座号 Frame size	极数 Pole	恒转矩频率范围 Constant Torque	恒功率频率范围 Constant Power
FS80-180	2P	3-50Hz	50-100Hz
FS200-355			50-60Hz
FS80-315	4P		50-100Hz
FS355			50-75Hz
FS80-355	6-8P		50-100Hz

订货号 Order No.



电机系列 Motor series

机座号编号

80 / 90 / 100 / 112 / 132 / 160 / 180 / 200 / 225 / 250 / 280 / 315 / 355

机座长度编号 Code of frame size

S = 短机座 M = 中机座 L = 长机座

注: 机座长度编号后面的数字代表同一机座号和转速下的不同功率。

Note: The numbers after the code of frame length represent different power in the same frame size and same speed

极数编号 Code of poles

2 / 4 / 6 / 8

功率 Rate Output kW

电压代码 Code of voltage

2-1 = 380VY 50Hz

3-3 = 380VD 50Hz

9-0¹⁾ = 特殊电压频率 special voltage & frequency

机座安装方式 Code of mounting type

T²⁾ = IM B6

A²⁾ = IM B3

U²⁾ = IM B7

W²⁾ = IM V15

M²⁾³⁾⁴⁾ = IM V18

J²⁾ = IM B35

V²⁾ = IM B8

Y²⁾ = IM V35

L²⁾³⁾⁴⁾ = IM V19

F²⁾³⁾ = IM B5

C²⁾ = IM V5

G²⁾³⁾ = IM V1

N²⁾⁴⁾ = IM B34

K²⁾³⁾⁴⁾ = IM B14

D²⁾ = IM V6

H²⁾³⁾ = IM V3

热保护 Code of winding protection

A = 无绕组保护 without winding protection

B⁵⁾ = 绕组带一组三芯串联的 PTC 热敏电阻用于跳闸 3 PTC thermistors for tripping

C⁵⁾ = 绕组带两组三芯串联的 PTC 热敏电阻用于报警和跳闸 6 PTC thermistors for alarm and tripping

H⁵⁾⁶⁾ = 绕组带 3 个 Pt100 测温元件 3 resistance thermometers Pt100

J⁵⁾⁶⁾ = 绕组带 6 个 Pt100 测温元件 6 resistance thermometers Pt100

Z⁷⁾ = 其他绕组保护 Other temperature for winding protection

接线盒的出线方向 (从驱动端看) Code of connection box location (view from drive end)

4 = 置顶 on top / 5 = 右侧 on RHS / 6 = 左侧 on LHS