

# (F复绕)无齿曳引机

Gearless traction machine

## WYJ250 DOUBLE WRAP



### 产品特点 Product Characteristics

曳引比: 2:1	Traction ratio: 2:1
额定载重: 630、800、1000、1250kg	Rated capacity: 630、800、1000、1250kg
额定梯速: 1、1.6、1.75、2、2.5、3.0m/s	Rated elevator speed: 1、1.6、1.75、2、2.5、3.0m/s
最大提升高度: 120m	Max. lifting height: 120m
最大轴负荷: 6500kg	Max. shaft load: 6500kg
适配变频器: 3相400V级	Applicable converter: 3 phase 400V
制动器电压: 打开电压DC200V, 保持电压DC100V	Brake voltage: DC200V for brake opening, and DC100V for brake holding
电动机极数: 24极	Number of motor poles: 24 poles

### 产品描述 Product Description

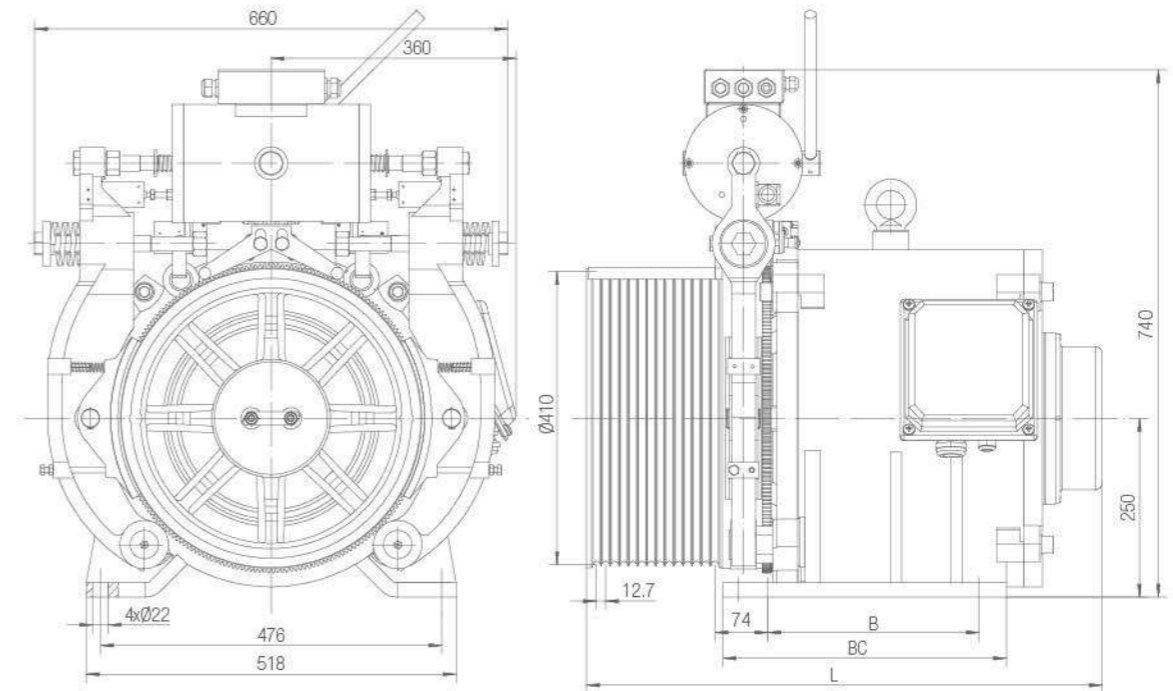
WYJ250系列永磁同步无齿曳引机, 采用低速、大力矩的三相永磁同步电动机直接驱动方式, 因此具有低能耗、低噪音、无污染、少维护等优越性。

本系列永磁同步无齿曳引机有单绕和复绕二种型式, 绕比全部为2: 1。

WYJ250 series of permanent-magnet synchronous gearless traction machines are directly driven by a low-speed, high-torque, 3-phase permanent magnet synchronous motor, and has the advantages of low energy consumption, low noises, no pollution, and little maintenance.

This series of permanent-magnet synchronous gearless traction machines includes single wrap type and double wrap type, and roping factor is 2:1 for both types.

### 外形和安装尺寸 Overall dimensions and mounting dimensions



型号 Type	规格 Specification	曳引比 Traction Ratio	梯速 Speed (m/s)	载重 Load (kg)	功率 Power (kW)	转速 Rev (r/min)	频率 Frequency (Hz)	电流 Current (A)	转矩 Torque (N·m)	绳规 Rope	自重 weight (kg)	BC	L	B	推荐提升高度 Recommended lifting height (m)
WYJ250	F3-10-630	2:1	1	630	4.3	93	18.6	9.9	432	3xØ10	410	320	562	219	45
	F3-16-630		1.6		6.8	149	29.8	16	433	3xØ10	410	320	562		70
	F3-17.5-630		1.75		7.5	163	32.6	18.2	434	3xØ10	410	320	562		80
	F5-10-800		1	800	5.5	93	18.6	12.3	553	4/5xØ10	440	340	634	239	45
	F5-16-800		1.6		8.8	149	29.8	20.4	560	4/5xØ10	440	340	634		70
	F5-17.5-800		1.75		9.6	163	32.6	22.4	556	5xØ10	440	340	634		80
	F5-20-800		2		11	186	37.3	25.7	553	5xØ10	440	340	634		80
	F5-25-800		2.5		13.8	233	46.6	31	555	5xØ10	440	340	634		120
	F5-10-1000		1		1000	7	93	18.6	16	704	4/5xØ10	475	365		659
	F5-16-1000		1.6	11		149	29.8	25.2	700	4/5xØ10	475	365	659	70	
	F5-17.5-1000		1.75	12.2		163	32.6	28.2	706	5xØ10	475	365	659	80	
	F7-17.5-1000		1.75	12.2		163	32.6	28.2	706	6/7xØ10	485	365	710	80	
	F5-20-1000		2	14		186	37.3	32.5	704	5xØ10	475	365	659	80	
	F7-20-1000		2	14		186	37.3	32.5	704	6/7xØ10	485	365	710	80	
	F5-25-1000		2.5	17.4		233	46.6	40.5	707	5xØ10	475	365	659	120	
	F7-25-1000		2.5	17.4		233	46.6	40.5	707	6/7xØ10	485	365	710	120	
	F7-30-1000		3	20.8		280	55.9	48.5	709	7xØ10	485	365	710	120	
	F5-10-1250		1	1250	8.8	93	18.6	20.1	885	5xØ10	500	395	689	294	45
	F7-16-1250		1.6		13.9	149	29.8	32.8	885	6/7xØ10	510	395	740		70
	F7-17.5-1250		1.75		15.3	163	32.6	35.5	885	6/7xØ10	510	395	740		80
	F7-20-1250		2		17.6	186	37.3	40.8	885	6/7xØ10	510	395	740		80
	F7-25-1250		2.5		21.8	233	46.6	50.8	886	6/7xØ10	510	395	740		80
	F7-30-1250		3		26	280	55.9	61	887	7xØ10	510	395	740		80