

(S单绕)无齿曳引机

Gearless traction machine

WYJ250 SINGLE WRAP



产品特点 Product Characteristics

曳引比: 2:1	Traction ratio: 2:1
额定载重: 630、800、1000、1250、1350、1600kg	Rated capacity: 630、800、1000、1250、1350、1600kg
额定梯速: 1、1.6、1.75、2.0m/s	Rated elevator speed: 1、1.6、1.75、2.0m/s
最大提升高度: 80m	Max. lifting height: 80m
最大轴负荷: 5000kg	Max. shaft load: 5000kg
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: 20极	Number of motor poles: 20 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。

可安装井道顶部和底坑, 曳引方式可布置为上拉, 也可布置为下拉, 并具有手动盘车功能。

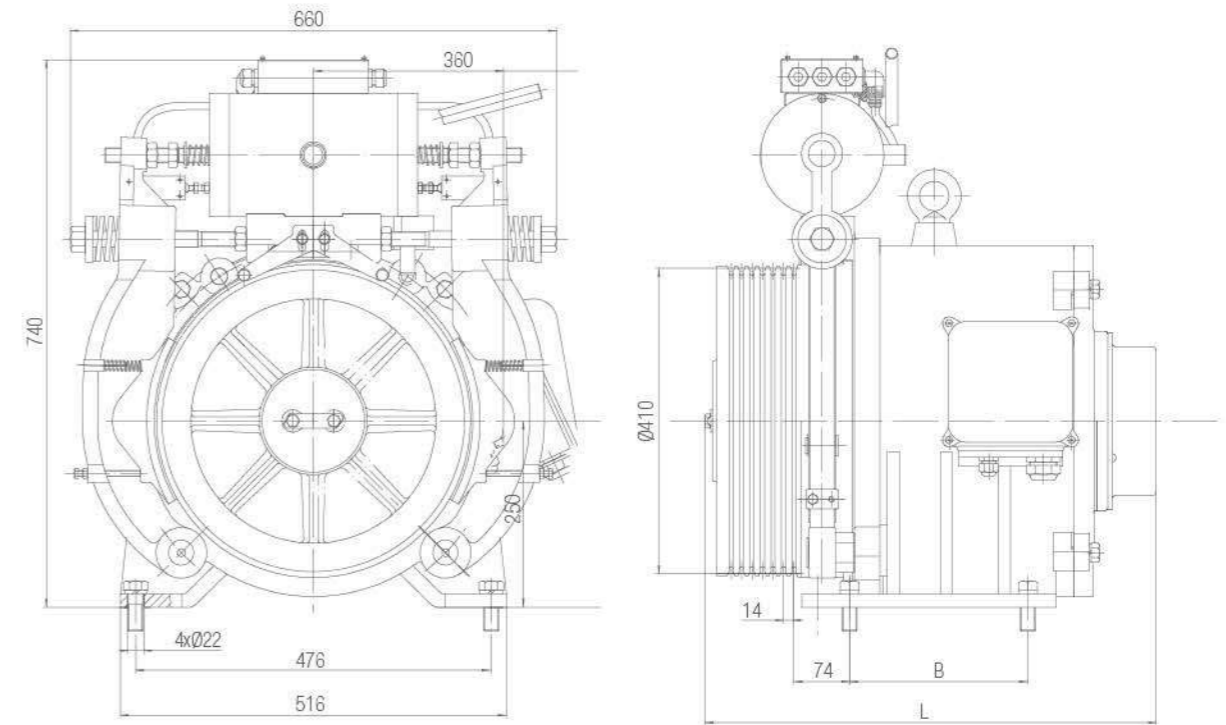
本系列永磁同步无齿曳引机有单绕和复绕二种型式, 绕比全部为2: 1。

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.

These traction machines can be installed on the top of shaft way and in the pit, with upward traction or downward traction, and have handwinding function.

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)	B	L	推荐提升高度 Recommended lifting height (m)
WYJ250	S4-10-630	2:1	1	630	4.3	93	15.5	11	440	4×Ø10	400	219	590	45
	S4-16-630		1.6		6.8	148.8	24.8	16.8						70
	S4-17.5-630		1.75		7.5	162.6	27.1	18.2						80
	S5-10-800		1	800	5.5	93	15.5	13.2	555	5×Ø10	440	239	610	45
	S5-16-800		1.6		8.7	148.8	24.8	21.5						70
	S5-17.5-800		1.75		9.5	162.6	27.1	23.7						80
	S5-20-800		2.0	11	186	31	26	700	6×Ø10	460	239	610	80	
	S6-10-1000		1	6.8	93	15.5	16.8						120	
	S6-16-1000		1.6	10.9	148.8	24.8	26						45	
	S6-17.5-1000		1.75	11.9	162.6	27.1	29.2	875	6×Ø10	480	294	665	70	
	S6-20-1000		2.0	13.6	186	31	32.5						80	
	S6-10-1250		1	8.5	93	15.5	20.6						80	
	S6-16-1250		1.6	1250	13.6	148.8	24.8	32.8	945	7×Ø10	490	334	705	80
	S6-17.5-1250		1.75		14.9	162.6	27.1	35.5						80
	S7-10-1350		1		9.2	93	15.5	22.5						120
	S7-16-1350		1.6	1350	14.7	148.8	24.8	34.5	1120	7×Ø10	500	334	705	120
	S7-17.5-1350		1.75		16	162.6	27.1	37.5						120
	S7-10-1600		1		10.9	93	15.5	26.8						45
S7-16-1600	1.6	1600	17.4	148.8	24.8	41	45	70	334	705	70			
S7-17.5-1600	1.75		19	162.6	27.1	45					80			