

无齿曳引机

Gearless traction machine

WTYF380



产品特点 Product Characteristics

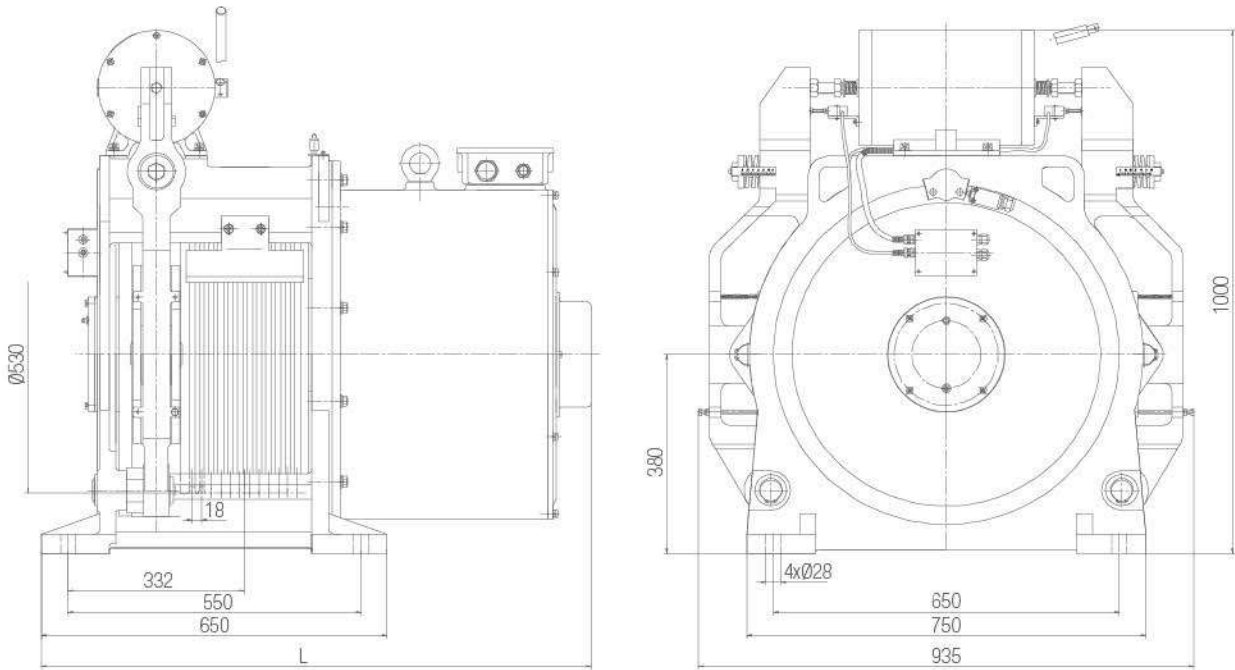
曳引比: 1:1、2:1	Traction ratio: 1:1、2:1
额定载重: 1350~4000kg	Rated capacity: 1350~4000kg
额定梯速: 1.0、1.5、1.75、2.0、2.5、3.0m/s	Rated elevator speed: 1.0、1.5、1.75、2、2.5、3.0m/s
最大提升高度: 120m	Max. lifting height: 120m
最大轴负荷: 10000kg	Max. shaft load: 10000kg
适配变频器: 3相400V级	Applicable converter: 3 phase 400V
制动器电压: 打开电压DC200V, 保持电压DC100V	Brake voltage: DC200V for brake opening, and DC100V for brake holding

产品描述 Product Description

本系列永磁同步无齿曳引机为大载重主机，产品采用双支撑单绕结构，曳引轮在两承载轴承之间，受力更合理。制动器采用行业成熟的鼓式结构，制动力矩大，可靠性高，维护和调试方便。独特的内转子结构和优异的磁场设计，使产品的性能优异，噪音小，运行平稳高速。采用进口轴承，承载能力大，寿命更长；多种编码器安装方式，满足客户的不同需求，适用于有机房电梯。

This series of permanent-magnet synchronous gearless traction machines has large capacity and dual supporting single wrap structure, with traction sheave located between two bearings, so force application is more reasonable. Drum brakes are applied for the traction machines, which have high braking torque, high reliability and easy maintenance and commissioning. Unique internal rotor construction and excellent magnetic field design, enable the product to have excellent performance, low noise level and high-speed steady operation. Imported bearings are applied, which have high-carrying capacity and long life. The encoder is installed in various manners to meet different customer demands. This series of traction machines is applicable for the elevator with machine room.

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)	绳径 Rope	L	自重 Weight (kg)	推荐提升高度 Recommended lifting height (m)
WTYF	380-10-1350-1	1:1	1.0	1350	8.8	36	9	23.5	2324	10×Ø13	1050	1220	45
	380-15-1350-1		1.5		13.2	54	13.5	34					70
	380-17.5-1350-1		1.75		15.4	63.2	15.8	37.4					80
	380-20-1350-1		2.0		17.5	72	18	44					80
	380-25-1350-1		2.5		21.9	90	22.5	51.5					120
	380-30-1350-1		3.0		26.3	108	27	61					120
	380-10-1600-1	1:1	1.0	1600	10.4	36	9	27.5	2754	11×Ø13	1050	1270	45
	380-15-1600-1		1.5		15.6	54	13.5	40					70
	380-17.5-1600-1		1.75		18.2	63.2	15.8	43.4					80
	380-20-1600-1		2.0		20.8	72	18	51.5					80
	380-25-1600-1		2.5		26.0	90	22.5	61					120
	380-30-1600-1		3.0		31.2	108	27	72					120
	380-10-2000-1	1:1	1.0	2000	13.0	36	9	33	3443	12×Ø13	1100	1480	45
	380-15-2000-1		1.5		20.8	54	13.5	51					60
	380-17.5-2000-1		1.75		22.8	63.2	15.8	55					60
	380-20-2000-1	2:1	2.0	2500	26.0	72	18	62	2150	10×Ø13	1050	1220	70
	380-6.3-2500-2		0.63		10.2	45.6	11.4	24					30
	380-10-2500-2		1.0		16.2	72	18	39.5					45
	380-16-2500-2		1.6		26.0	115.2	28.8	60					70
	380-20-2500-2		2.0		32.5	144	36	76					80
	380-6.3-3000-2		0.63		12.3	45.6	11.4	31					30
	380-10-3000-2	2:1	1.0	3000	19.5	72	18	46	2586	11×Ø13	1050	1270	45
	380-16-3000-2		1.6		31.2	115.2	28.8	72					70
	380-20-3000-2		2.0		39.0	144	36	89					80
	380-6.3-3500-2	2:1	0.63	3500	14.3	45.6	11.4	36	3010	11×Ø13	1100	1270	30
	380-10-3500-2		1.0		22.7	72	18	54					45
	380-16-3500-2		1.6		36.4	115.2	28.8	84					70
	380-20-3500-2		2.0		45.4	144	36	103					80
	380-6.3-4000-2		0.63		16.4	45.6	11.4	41	3448	12×Ø13	1100	1480	30
	380-10-4000-2	2:1	1.0	4000	26.0	72	18	62					45
	380-16-4000-2		1.6		41.6	115.2	28.8	95					60
	380-20-4000-2		2.0		51.9	144	36	118					70