



www.wittur.com

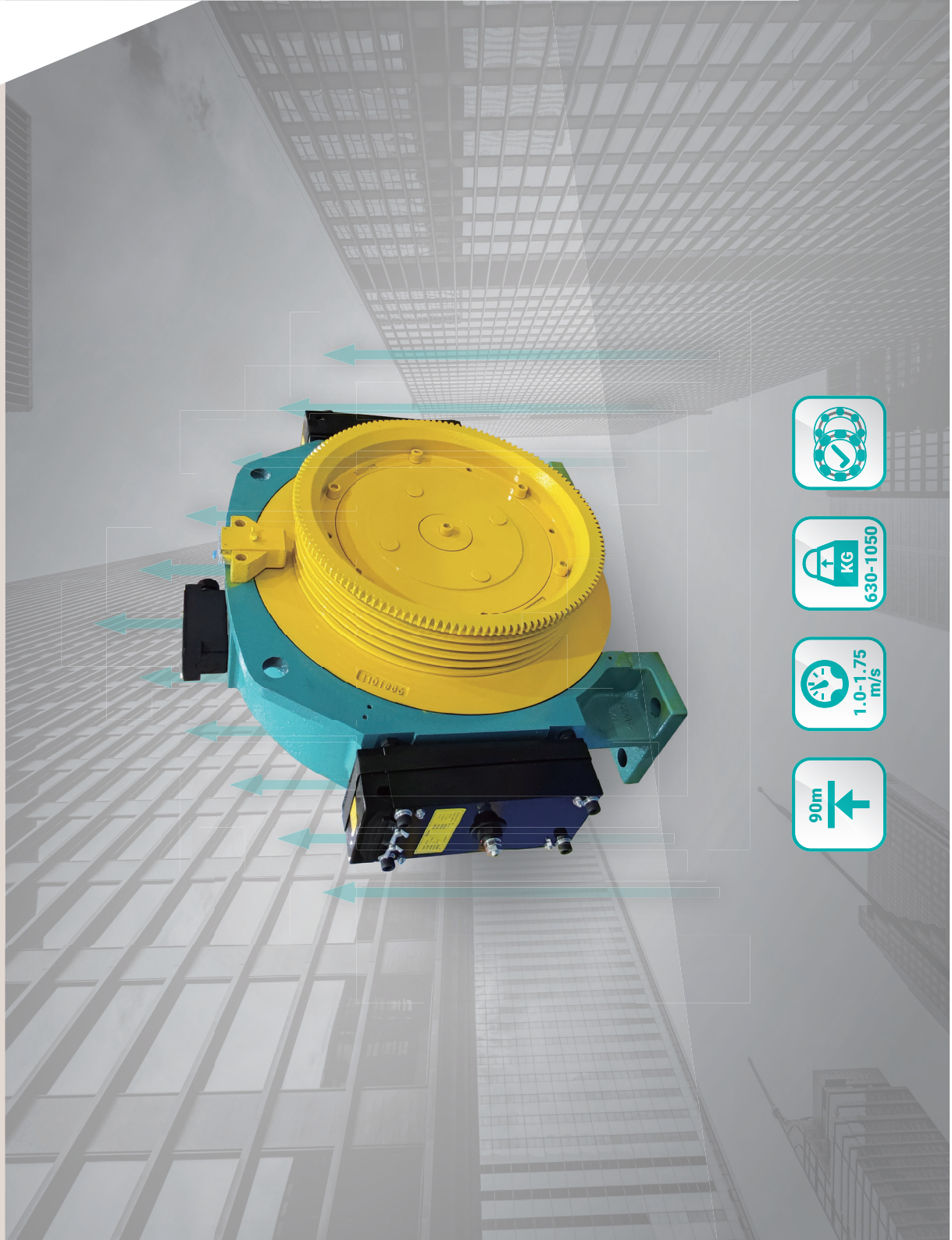
YOUR GLOBAL PARTNER FOR COMPONENTS,
MODULES AND SYSTEMS IN THE ELEVATOR INDUSTRY



WSG-09X

GEARLESS SYNCHRONOUS TRACTION MACHINE
无齿轮同步曳引机

威特电梯部件（苏州）有限公司 地址：中国江苏省吴江汾湖经济开发区库星路18号215214 电话：+86-512-82672888 传真：+86-512-63220044 电邮：info.cn@wittur.com D-WSG-09X-23-11-V0



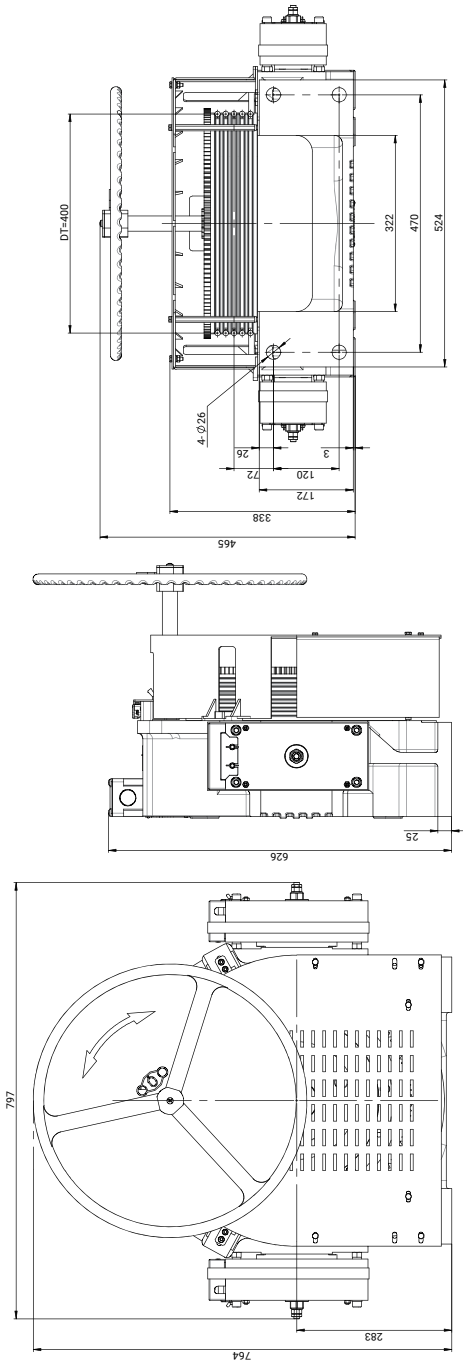
ADVANCING THE ELEVATOR INDUSTRY®



WITTUR.COM

630-1050KG(Dt=Ø400mm)

Fixing dimension 安装尺寸图



Technical data for traction machine 曳引机技术参数



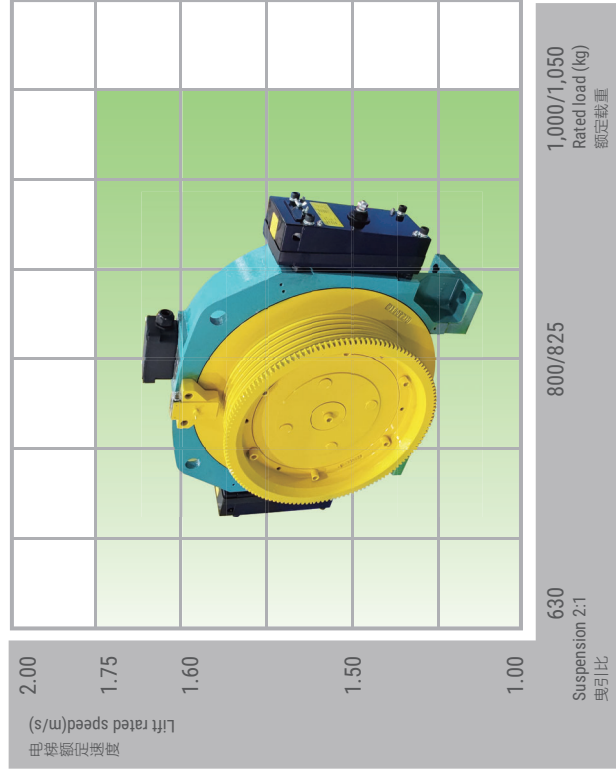
Motor Type 电机型号		Synchronous/同步		32-pole/32极			
		WSG-09X					
Sheave 曳引轮	ØDt(mm)	400		400		400	
Loads 额定载重	Q(kg)	630		800/825		1000/1050	
Max. shaft load 轴负荷	kN	30		30		30	
Suspension 曳引比		2:1					
Groove profile (N x ØD-P) 曳引轮绳槽		4xØ10-15/5xØ10-15/4xØ10-16/5xØ10-16; β=96°, γ=35° 4xØ10-15/5xØ10-15/4xØ8-12/5xØ8-12/6xØ8-12; β=100°, γ=30°					
Continuous-operation system 工作制		S5-40%, 180st/h					
Motor current applicable to 380V link voltage 适用于变频器 母线电压 380V	V (m/s)	Π _{IN} [rpm]	P _N [kW]	I _N [A]	U _N [V]	F _N [Hz]	M _N [N.m]
	1.0	95	4.1	9.7	380	25.3	409
	1.5	143	6.1	14.9	380	38.1	409
	1.6	153	6.6	15.9	380	40.8	409
1.75	167	7.2	15.9	380	44.5	409	

Technical data for Brake 制动器技术参数

Motor Type 电机型号	Brake Type 制动器型号	Certificate Type 证书类型	Pull in Voltage 吸合电压 (V)	Holding Voltage 保持电压 (V)	Rate Current 额定电流 (A)
WSG-09X	WB3320	CTE/CE	DC 110	DC 110	2x1.37

Content of supply 供货内容

Product range of WSG-09X WSG-09X 系列产品覆盖范围



Features 产品特性



Special housing design provides stable and high structural rigidity. Design is verified FEM and physical mechanical test	特殊的机座结构设计，曳引轮悬臂更短，结构刚度更高，可靠稳定。设计方案经过有限元分析，具有高安全系数。
Designed by outer rotor. Possible to generate bigger torque with low noise and vibration. Provides comfortable ride.	电梯采用外转子结构；噪音低，振动小，运行平稳舒适
Solid construction for permissible shaft load Fs at the traction sheave up to 30kN	结构紧凑，性能稳定，最大轴载荷 30kN
Safety brake system with electro-magnetical release, provides min. 2x950Nm	电磁式块式制动器，提供 2x850Nm 的制动力矩
CTE test approved according to GB/T 7588.1&2-2020 and TSG T7007-2022	型式试验满足 GB/T 7588.1&2-2020 要求，按 TSG T7007-2022 标准测试
Fulfill Wittur enterprise standard WST-00515.ZH	符合威特企业标准 WST-00515.ZH
Perfect rated motor, use of high - performance permanent magnet degree of protection IP40, insulation class 155 C (F), temperature control	使用高效永磁，防护等级 IP41，绝缘等级 155 C (F)，带温度报警
Motor with 1.5 times overload capacity ; max. travelling height up to 90m	1.5 倍过载能力；最大提升高度 90m
EC type-examination certificate according to EN 81-20/50, can be used for UCMP solution	满足 EN81-20/50 的 CE 证书，可以用作防轿厢意外移动(UCMP)的解决方案
Inverter compatible measuring device, rigid coupling or intergrated. (e.g. ECN 1313; ERN 1387; TS5213N2503; EI33C9.25-2048-SA5N2T)	适用于变频器控制，带编码器测量，如ECN 1313; ERN 1387; TS5213N2503; EI33C9.25-2048-SA5N2T
Variable options regarding voltage, current, torque	不同规格使用不同的电压、电流、转矩
The braker passed 2 million times braking. After the test, its performance is still in specification. Safety is guaranteed.	制动器经历 200 万次以上的动作测试，安全可靠