

提供Nidec Advance Technology
工厂内的最先进的电机测试台架供客户评估使用

Nidec Advance Technology offers to rental Leading Edge motor benches
for customer evaluation

代理测试/电机测试台架租赁

Commissioned Testing / Motor Bench Rental

性能评估用单轴测试台架

1 axis Test Bench for Performance



TDAS-1201P

■ Dynamo

Rated capacity: 250kw

Rated torque: 450Nm

Max rotational speed : 20,000rpm

■ BTS

Output voltage: 50~1,200 V

Max output current: 1,000 A

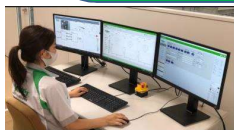
Output: 400kw

➢ 我们的租赁服务为短期或临时测试需求提供了经济高效的解决方案。
Our rental service provide a cost-effective solution for short-term or occasional testing needs.

➢ 我们提供多种租赁期限和机器型号以满足客户对测试的不同要求。
We can provide the various of rental terms and a wide solution of machine model suit your testing requirements.

➢ 我们的租赁服务的优势在于客户可以专注于开发，而无需担心对租赁设备的维护及维修。

Rental services can offer the advantage of being able to concentrate on your testing projects without the hassle of maintenance and repairs.



我们为EV电机及E-Axle的开发提供最佳支持和服务。详情请联系我们。

Suitable support/services available for EV motor/E-Axle development. Please contact us for more detailed information.

性能评估用双轴测试台架

2 axis Test Bench for Performance



TDAS-2031

■ Dynamo

Rated capacity: 350kw

Rated torque: 3,300Nm

Max rotational speed : 3,300rpm

■ BTS

Output voltage: 50~1,200 V

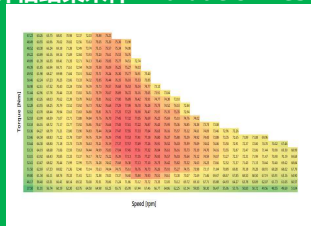
Max output current: 1,000 A

Output: 500kw

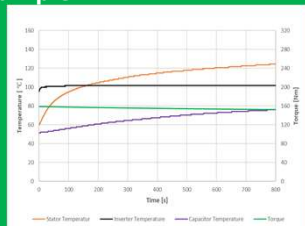
Test item	1 axis	2 axis	B-to-B
效率及再生特性测试 Efficiency/Regeneration Characteristics Test	✓	✓	✓
动态性能特性测试 Dynamic Performance Characteristics Test	✓	—	✓
超负荷能力特性测试 Overload Capacity Characteristics Test	✓	—	✓
温度梯度特性测试 Temperature Gradient Characteristics Test	✓	✓	✓
扭矩控制精度特性测试 Torque Control Accuracy Characteristics Test	✓	✓	✓
负载突降特性测试 Load Dump Characteristics Test	✓	✓	✓
INV最大工作电流特性测试 INV Maximum Operating Current Characteristics Test	✓	✓	✓
INV瞬态工作电流特性测试 INV Transient Operating Current Characteristics	✓	✓	✓
连续扭矩特性测试 Continuous Torque Characteristics Test	✓	✓	✓
温升特性测试 Temperature Rise Characteristics Test	✓	✓	✓

Test item	1 axis	2 axis	B-to-B
调谐特性测试 Tuning Characteristics Test	✓	—	—
扭矩响应特性测试 Torque Response Characteristics Test	✓	—	✓
转子约束特性测试 Rotor Restraint Characteristics Test	✓	—	✓
扭矩波动特性测试 Torque Ripple Characteristics Test	✓	✓	✓
工作电压范围特性测试 Operating Voltage Range Characteristics Test	✓	✓	✓
反电动势特性测试 Back Electromotive Force Characteristics Test	✓	✓	✓
INV持续工作电流特性测试 INV Continuous Operating Current Characteristics Test	✓	✓	✓
最高转速特性测试 Maximum Rotation Speed Characteristics Test	✓	✓	✓
最大扭矩特性测试 Maximum Torque Characteristics Test	✓	✓	✓
冷启动特性测试 Cold Start Characteristics Test	✓	✓	✓

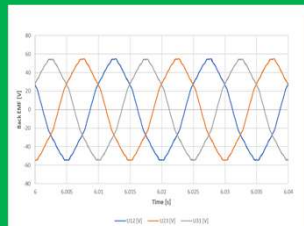
■ 评估结果采样 Evaluation result sample



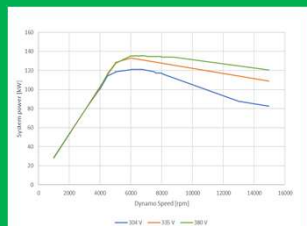
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Efficiency/Regeneration
Characteristics Test



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