

SUZHOU MONA DRIVE EQUIPMENT CO.,LTD

Test Certificate

Main Specifications:

DATE: 2020-03-06

| | | | |
|------------------|-------------------------------|--------------------|--------------------|
| Product Name: | PMS Gearless Traction Machine | Product Type: | MCK200 |
| Rated Voltage: | 380 V | Main Sheave Spec.: | 400-5/10-U105-15mm |
| Rated Power: | 7.4 KW | Rated Torque: | 740 Nm |
| Rated Speed: | 95 Rpm | Rated Current: | 17 A |
| Rated Frequency: | 25.3 Hz | Serial No.: | 308552 |
| Motor Poles | 32 P | Roping: | 2 : 1 |
| Rated load: | 1088 Kg | Rated speed: | 1.0 m/s |

Measured Value:

| S/N | Test Items | Criteria | Test Result |
|-----|--|------------------------------------|-------------|
| 1 | Insulating Resistance of Stator Winding | $\geq 100M\Omega$ | OK |
| 2 | Dielectric Test of Stator Winding | 1760V AC,1min No Damage | OK |
| 3 | Braking Surface runout | $\leq 0.10mm$ | OK |
| 4 | Sheave groove runout | $\leq 0.15mm$ | OK |
| 5 | Static Brake Torque | $> \text{Rated Torque} \times 2.5$ | OK |
| 6 | The Lowest Voltage for Start Up and Highest Voltage for Release of Braking | $< 70\%$ 、 $< 50\%$ | OK |
| 7 | Brake air gap | 0.2~0.5mm | OK |
| 8 | Main Sheave Material Hardness | HB220~260 | OK |
| 9 | Groove Surface Roughness | Ra 6.3um | OK |
| 10 | Braking Surface Roughness | Ra 3.2um | OK |
| 11 | Resistance deviation | / | $\pm 2\%$ |
| 12 | Vertical Vibration Speed Effective Value | $< 0.5mm/s$ | OK |
| 13 | No-Load Noise Test | $\leq 62dB$ | OK |
| 14 | Outer Shape Quality | No Deficiency | OK |

Conclusion of Inspection:

Compliance with Requirement

Testing Specialist: Ning Yu

Date: 2020-03-06

Approver: Fei Lu

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